LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK129

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\SFAMWLM042921SMA.M
Title : SFAM01.0

Signal : TIC: VW018854.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.068 | 26 | 27 | 29 | rVB2 | 704 | 422 | 0.02% | 0.002% |
| 2 | 2.154 | 36 | 41 | 46 | rBV | 10874 | 23903 | 0.89% | 0.093% |
| 3 | 2.196 | 46 | 48 | 49 | rVV | 1573 | 1430 | 0.05% | 0.006% |
| 4 | 2.251 | 55 | 57 | 59 | rVB3 | 1817 | 1298 | 0.05% | 0.005% |
| 5 | 2.361 | 68 | 75 | 89 | rVB | 136357 | 289111 | 10.72% | 1.119% |
| 6 | 2.721 | 130 | 134 | 137 | rBV5 | 1872 | 3120 | 0.12% | 0.012% |
| 7 | 2.891 | 154 | 162 | 176 | rBV | 108229 | 278023 | 10.31% | 1.076% |
| 8 | 3.141 | 201 | 203 | 210 | rVB6 | 5324 | 8038 | 0.30% | 0.031% |
| 9 | 3.221 | 214 | 216 | 218 | rVB2 | 636 | 382 | 0.01% | 0.001% |
| 10 | 3.257 | 221 | 222 | 224 | rVB2 | 531 | 341 | 0.01% | 0.001% |
| 11 | 3.294 | 224 | 228 | 233 | rVB5 | 707 | 1544 | 0.06% | 0.006% |
| 12 | 3.379 | 239 | 242 | 243 | rBV2 | 932 | 821 | 0.03% | 0.003% |
| 13 | 3.397 | 243 | 245 | 253 | rVB4 | 1708 | 2202 | 0.08% | 0.009% |
| 14 | 3.513 | 261 | 264 | 266 | rVB3 | 448 | 490 | 0.02% | 0.002% |
| 15 | 3.593 | 274 | 277 | 280 | rBV4 | 573 | 807 | 0.03% | 0.003% |
| 16 | 3.696 | 292 | 294 | 296 | rVB2 | 490 | 422 | 0.02% | 0.002% |
| 17 | 3.782 | 304 | 308 | 309 | rBV | 616 | 540 | 0.02% | 0.002% |
| 18 | 3.836 | 313 | 317 | 318 | rBV | 310 | 343 | 0.01% | 0.001% |
| 19 | 3.928 | 329 | 332 | 335 | rBV3 | 345 | 531 | 0.02% | 0.002% |
| 20 | 4.025 | 335 | 348 | 366 | rBV | 243127 | 783780 | 29.08% | 3.033% |
| 21 | 4.208 | 376 | 378 | 384 | rVB3 | 637 | 977 | 0.04% | 0.004% |
| 22 | 4.446 | 402 | 417 | 427 | rBV3 | 5818 | 27689 | 1.03% | 0.107% |
| 23 | 4.708 | 459 | 460 | 462 | rVB | 477 | 336 | 0.01% | 0.001% |
| 24 | 4.745 | 462 | 466 | 467 | rBV2 | 573 | 643 | 0.02% | 0.002% |
| 25 | 4.922 | 482 | 495 | 513 | rBV2 | 39991 | 149141 | 5.53% | 0.577% |
| 26 | 5.037 | 513 | 514 | 518 | rVB3 | 671 | 481 | 0.02% | 0.002% |
| 27 | 5.117 | 524 | 527 | 530 | rBV2 | 317 | 455 | 0.02% | 0.002% |
| 28 | 5.184 | 532 | 538 | 540 | rBV6 | 781 | 1563 | 0.06% | 0.006% |
| 29 | 5.208 | 540 | 542 | 544 | rVV2 | 576 | 363 | 0.01% | 0.001% |
| 30 | 5.226 | 544 | 545 | 549 | rVB2 | 480 | 334 | 0.01% | 0.001% |
| 31 | 5.409 | 569 | 575 | 576 | rBV2 | 384 | 664 | 0.02% | 0.003% |
| 32 | 5.440 | 576 | 580 | 582 | rVB2 | 464 | 393 | 0.01% | 0.002% |
| 33 | 5.531 | 592 | 595 | 596 | rBV2 | 313 | 335 | 0.01% | 0.001% |
| 34 | 5.592 | 602 | 605 | 609 | rBV3 | 286 | 489 | 0.02% | 0.002% |
| 35 | 5.739 | 625 | 629 | 630 | rBV3 | 629 | 760 | 0.03% | 0.003% |
| 36 | 5.751 | 630 | 631 | 633 | rBV2 | 523 | 420 | 0.02% | 0.002% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK129

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\SFAMWLM042921SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 5.940 | 651 | 662 | 675 | rVB3 | 9514 | 28859 | 1.07% | 0.112% |
| 38 | 6.031 | 675 | 677 | 679 | rBV | 528 | 373 | 0.01% | 0.001% |
| 39 | 6.269 | 713 | 716 | 721 | rVB4 | 346 | 492 | 0.02% | 0.002% |
| 40 | 6.379 | 733 | 734 | 737 | rVB3 | 537 | 438 | 0.02% | 0.002% |
| 41 | 6.555 | 760 | 763 | 765 | rVB3 | 531 | 383 | 0.01% | 0.001% |
| 42 | 6.659 | 779 | 780 | 782 | rBV2 | 453 | 325 | 0.01% | 0.001% |
| 43 | 6.708 | 785 | 788 | 793 | rVB2 | 418 | 557 | 0.02% | 0.002% |
| 44 | 6.763 | 793 | 797 | 799 | rVB4 | 347 | 488 | 0.02% | 0.002% |
| 45 | 6.811 | 799 | 805 | 806 | rBV3 | 388 | 649 | 0.02% | 0.003% |
| 46 | 6.897 | 816 | 819 | 820 | rBV2 | 1117 | 1061 | 0.04% | 0.004% |
| 47 | 6.994 | 833 | 835 | 837 | rVB | 427 | 367 | 0.01% | 0.001% |
| 48 | 7.080 | 841 | 849 | 855 | rBV | 57949 | 162873 | 6.04% | 0.630% |
| 49 | 7.141 | 856 | 859 | 872 | rVB | 42115 | 100649 | 3.73% | 0.389% |
| 50 | 7.385 | 898 | 899 | 900 | rBV | 798 | 354 | 0.01% | 0.001% |
| 51 | 7.403 | 900 | 902 | 904 | rVB3 | 354 | 331 | 0.01% | 0.001% |
| 52 | 7.433 | 904 | 907 | 908 | rVB2 | 666 | 616 | 0.02% | 0.002% |
| 53 | 7.464 | 911 | 912 | 915 | rBV2 | 644 | 564 | 0.02% | 0.002% |
| 54 | 7.525 | 918 | 922 | 924 | rBV5 | 429 | 553 | 0.02% | 0.002% |
| 55 | 7.561 | 924 | 928 | 929 | rBV3 | 626 | 852 | 0.03% | 0.003% |
| 56 | 7.653 | 931 | 943 | 953 | rBV | 377554 | 927745 | 34.42% | 3.590% |
| 57 | 7.744 | 956 | 958 | 959 | rBV2 | 651 | 378 | 0.01% | 0.001% |
| 58 | 7.769 | 959 | 962 | 965 | rBV4 | 849 | 1333 | 0.05% | 0.005% |
| 59 | 7.836 | 972 | 973 | 975 | rBV2 | 488 | 351 | 0.01% | 0.001% |
| 60 | 7.854 | 975 | 976 | 979 | rVB3 | 603 | 436 | 0.02% | 0.002% |
| 61 | 7.884 | 979 | 981 | 984 | rBV3 | 1307 | 1588 | 0.06% | 0.006% |
| 62 | 7.952 | 984 | 992 | 996 | rVB9 | 1954 | 4018 | 0.15% | 0.016% |
| 63 | 7.988 | 996 | 998 | 999 | rVB2 | 766 | 410 | 0.02% | 0.002% |
| 64 | 8.031 | 1002 | 1005 | 1006 | rBV2 | 994 | 1146 | 0.04% | 0.004% |
| 65 | 8.049 | 1006 | 1008 | 1009 | rBV2 | 634 | 603 | 0.02% | 0.002% |
| 66 | 8.128 | 1016 | 1021 | 1022 | rBV4 | 715 | 1322 | 0.05% | 0.005% |
| 67 | 8.159 | 1022 | 1026 | 1028 | rVV4 | 1243 | 1713 | 0.06% | 0.007% |
| 68 | 8.275 | 1030 | 1045 | 1064 | rBV3 | 837145 | 2642390 | 98.02% | 10.226% |
| 69 | 8.433 | 1069 | 1071 | 1074 | rVV4 | 939 | 1253 | 0.05% | 0.005% |
| 70 | 8.476 | 1076 | 1078 | 1079 | rBV2 | 675 | 456 | 0.02% | 0.002% |
| 71 | 8.525 | 1085 | 1086 | 1087 | rBV | 1188 | 501 | 0.02% | 0.002% |
| 72 | 8.579 | 1093 | 1095 | 1097 | rBV2 | 797 | 505 | 0.02% | 0.002% |
| 73 | 8.701 | 1113 | 1115 | 1119 | rVB5 | 2156 | 1906 | 0.07% | 0.007% |
| 74 | 8.842 | 1130 | 1138 | 1148 | rBV | 819729 | 1644954 | 61.02% | 6.366% |
| 75 | 9.037 | 1168 | 1170 | 1172 | rBV2 | 1239 | 1569 | 0.06% | 0.006% |
| 76 | 9.073 | 1175 | 1176 | 1177 | rBV | 1869 | 941 | 0.03% | 0.004% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK129

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\SFAMWLM042921SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 9.274 | 1199 | 1209 | 1218 | rBV | 517707 | 1038607 | 38.53% | 4.019% |
| 78 | 9.756 | 1284 | 1288 | 1294 | rBV6 | 6547 | 12499 | 0.46% | 0.048% |
| 79 | 9.896 | 1305 | 1311 | 1317 | rBV2 | 20140 | 41757 | 1.55% | 0.162% |
| 80 | 10.037 | 1327 | 1334 | 1342 | rBV | 296052 | 522215 | 19.37% | 2.021% |
| 81 | 10.323 | 1374 | 1381 | 1388 | rBV | 1143550 | 2017067 | 74.83% | 7.806% |
| 82 | 10.390 | 1389 | 1392 | 1397 | rVB | 16352 | 27155 | 1.01% | 0.105% |
| 83 | 10.579 | 1417 | 1423 | 1432 | rBV | 185251 | 320780 | 11.90% | 1.241% |
| 84 | 10.707 | 1437 | 1444 | 1450 | rVB | 155392 | 276026 | 10.24% | 1.068% |
| 85 | 10.927 | 1474 | 1480 | 1486 | rBV | 225280 | 388446 | 14.41% | 1.503% |
| 86 | 11.061 | 1498 | 1502 | 1509 | rBV | 37068 | 73482 | 2.73% | 0.284% |
| 87 | 11.439 | 1559 | 1564 | 1571 | rBV2 | 112144 | 184596 | 6.85% | 0.714% |
| 88 | 11.634 | 1589 | 1596 | 1603 | rBV | 1122226 | 1931927 | 71.67% | 7.476% |
| 89 | 12.609 | 1751 | 1756 | 1761 | rVB2 | 114742 | 215589 | 8.00% | 0.834% |
| 90 | 12.695 | 1764 | 1770 | 1776 | rVB | 378840 | 654964 | 24.30% | 2.535% |
| 91 | 12.890 | 1787 | 1802 | 1805 | rBV3 | 227864 | 940882 | 34.90% | 3.641% |
| 92 | 13.316 | 1860 | 1872 | 1887 | rBV4 | 572693 | 2695676 | 100.00% | 10.432% |
| 93 | 13.554 | 1906 | 1911 | 1918 | rBV | 1186774 | 1899659 | 70.47% | 7.351% |
| 94 | 13.853 | 1954 | 1960 | 1966 | rBV | 1056931 | 1916790 | 71.11% | 7.418% |
| 95 | 13.957 | 1972 | 1977 | 1988 | rVB2 | 209072 | 618388 | 22.94% | 2.393% |
| 96 | 14.956 | 2131 | 2141 | 2152 | rVB | 692641 | 2278479 | 84.52% | 8.817% |
| 97 | 15.072 | 2155 | 2160 | 2169 | rVB4 | 69001 | 197095 | 7.31% | 0.763% |
| 98 | 15.328 | 2198 | 2202 | 2211 | rBV3 | 45866 | 125457 | 4.65% | 0.485% |
| 99 | 15.621 | 2245 | 2250 | 2262 | rVB4 | 65955 | 194029 | 7.20% | 0.751% |
| 100 | 16.639 | 2412 | 2417 | 2430 | rVB | 60747 | 150357 | 5.58% | 0.582% |

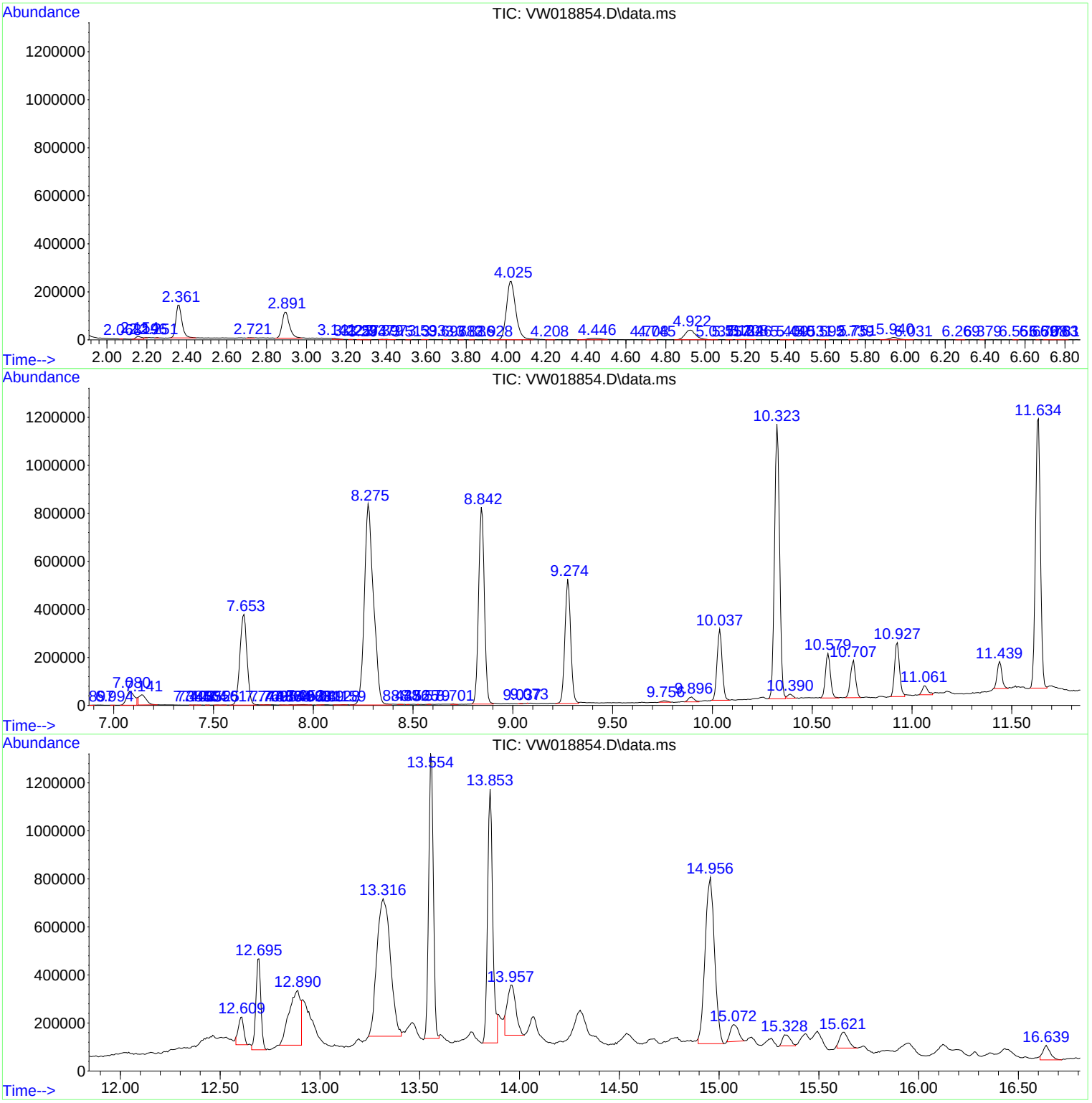
Sum of corrected areas: 25840815

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK129

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK129

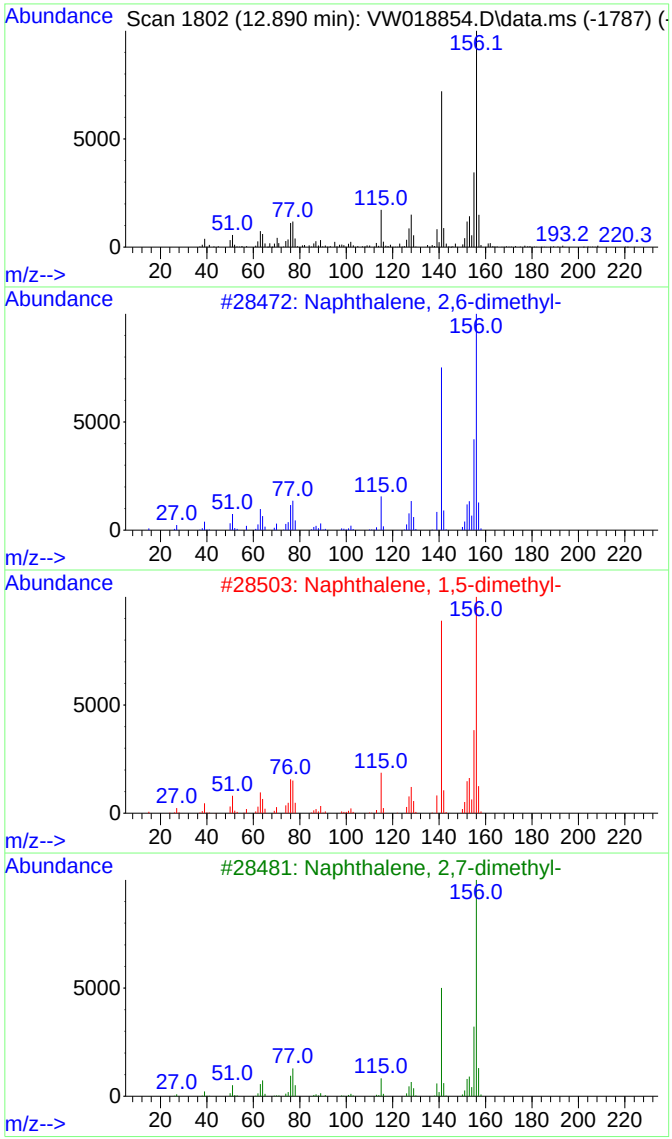
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

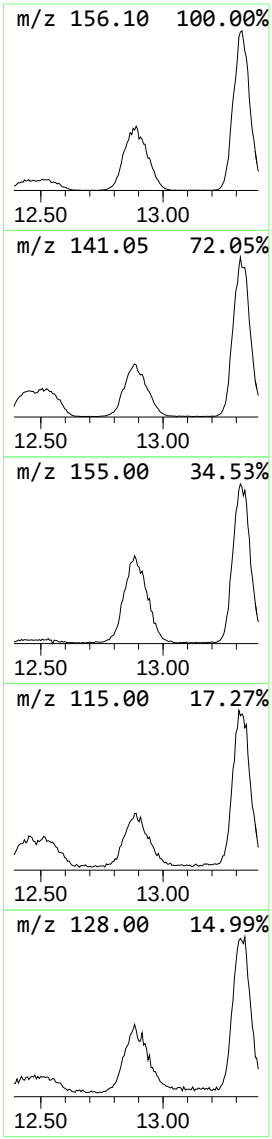
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.890 | 12.38 ug/L | 940882 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 2 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 98 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK129

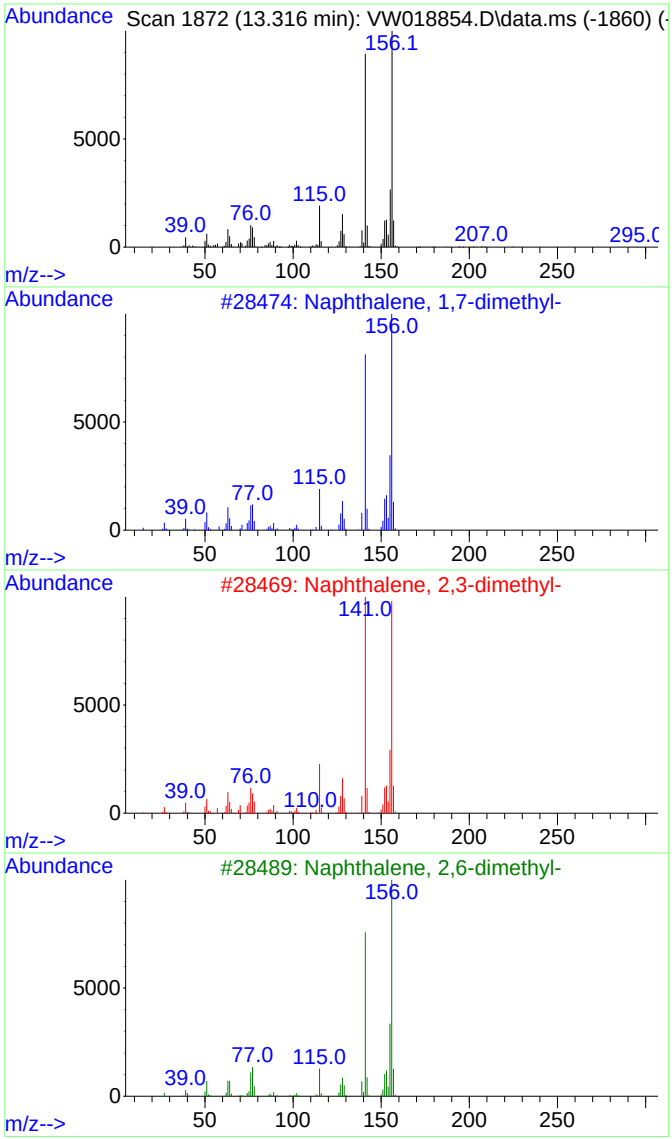
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

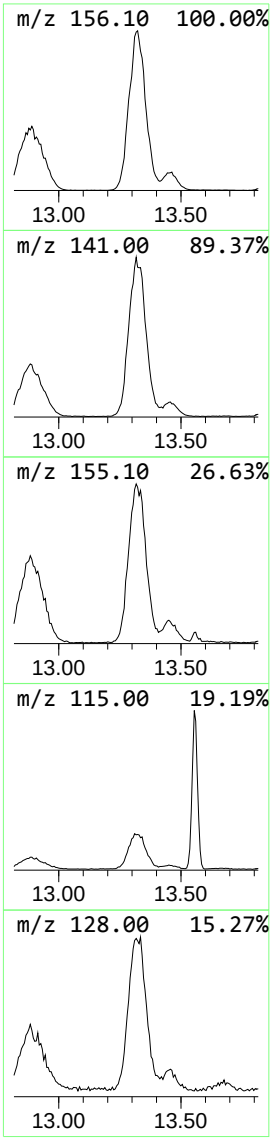
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.316 | 35.48 ug/L | 2695680 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK129

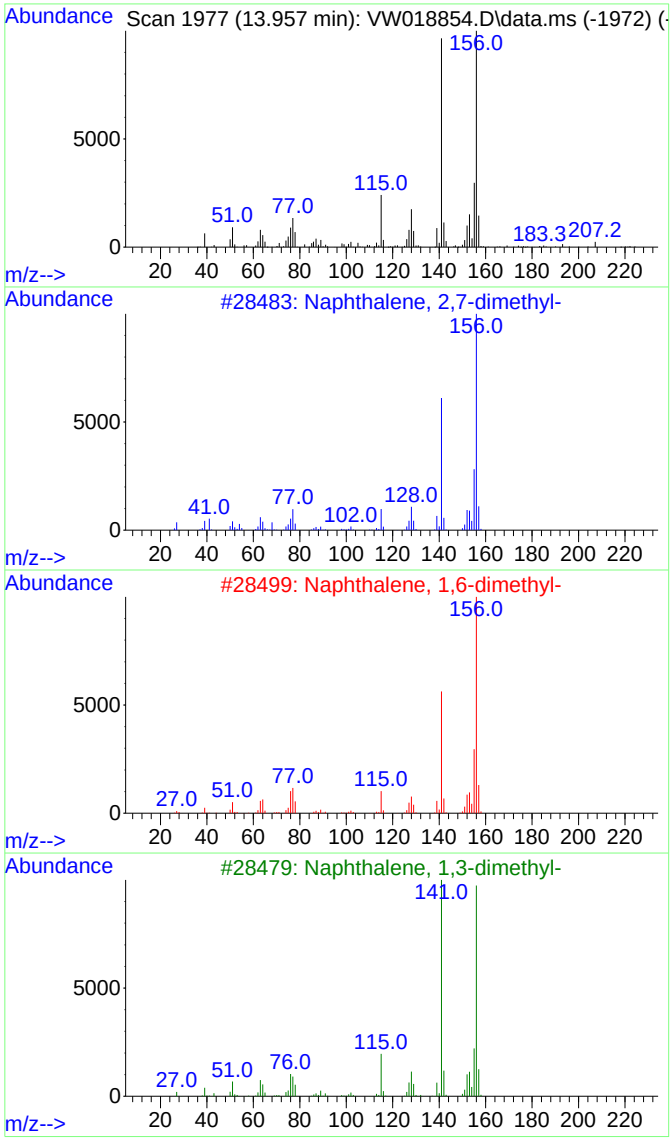
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

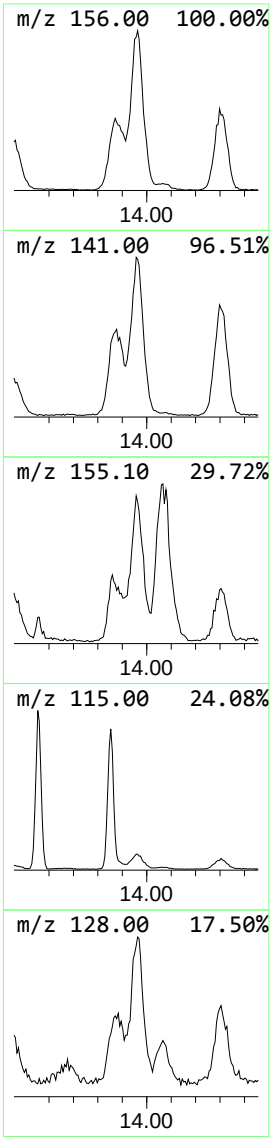
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.957 | 8.14 ug/L | 618388 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK129

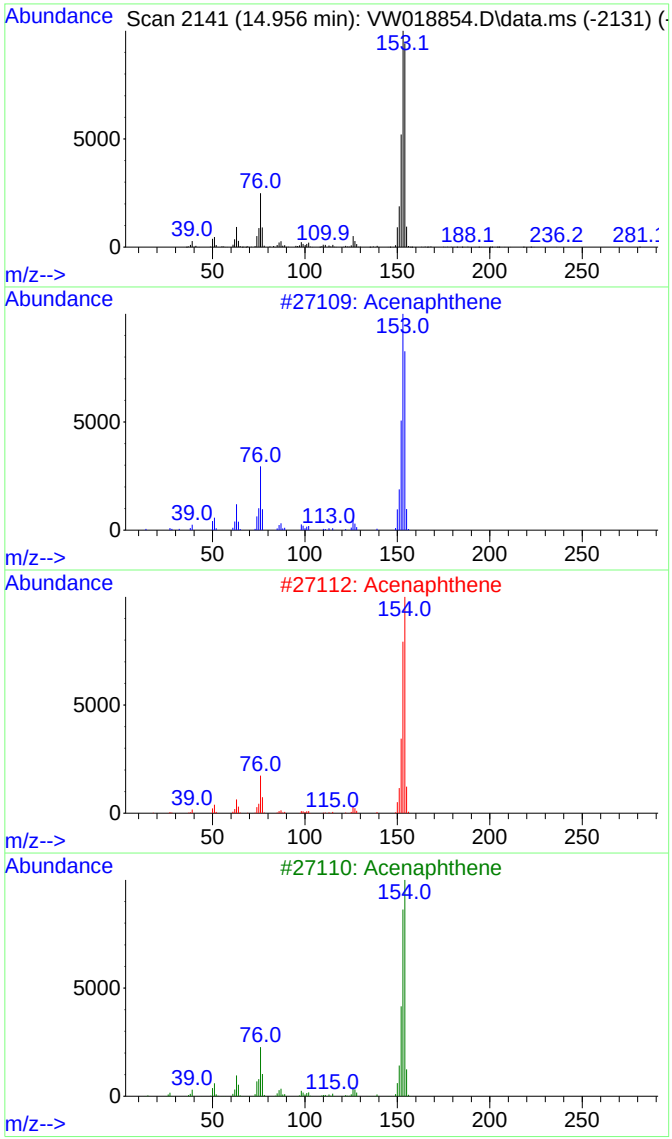
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

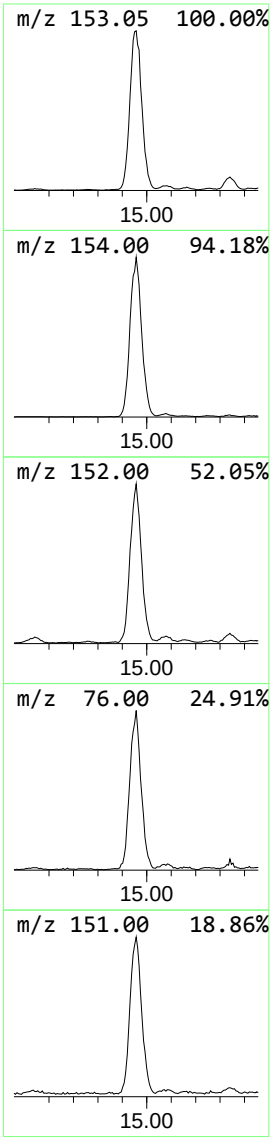
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Acenaphthene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.956 | 29.99 ug/L | 2278480 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 93 |
| 2 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 76 |
| 3 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 74 |
| 4 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 68 |
| 5 | 1,4-Ethenonaphthalene, 1,4-dihydro- | 154 | C12H10 | 007322-47-6 | 42 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK129

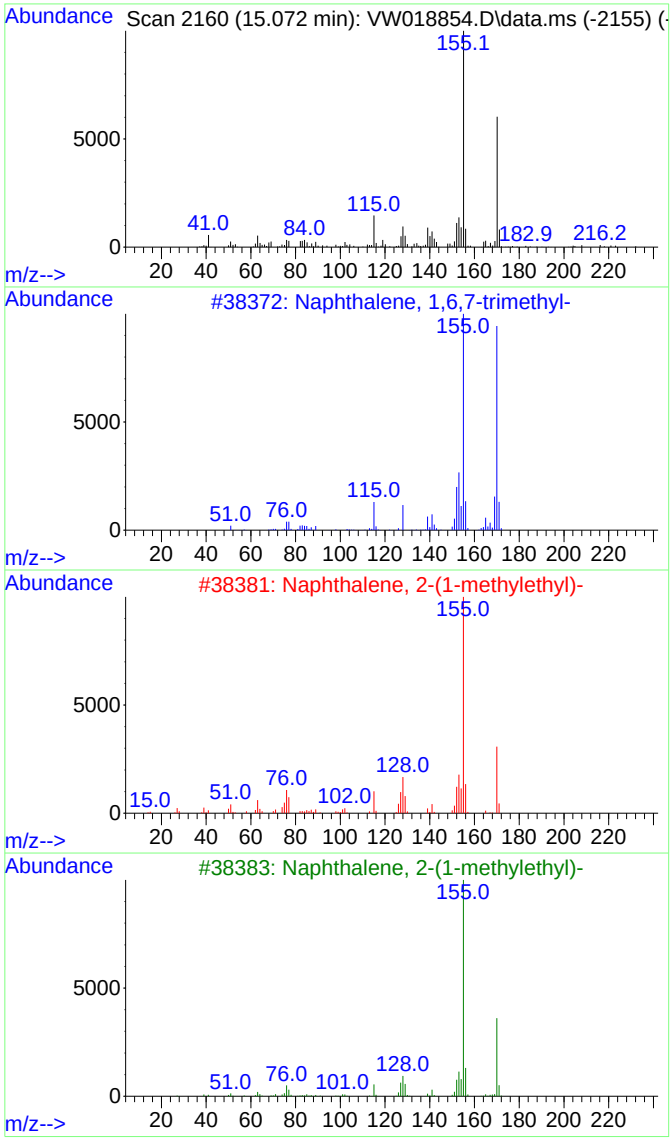
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

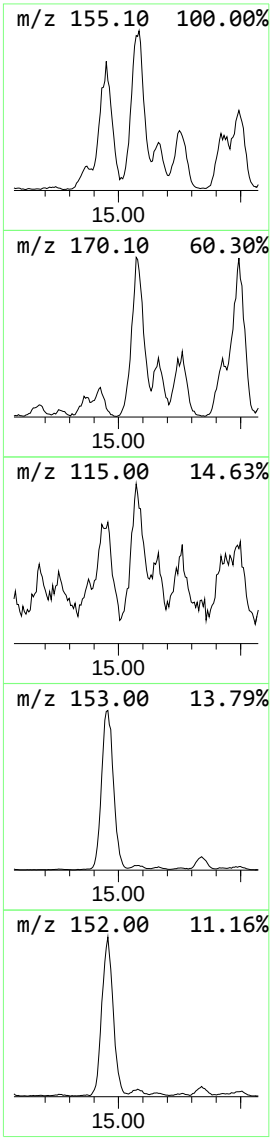
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.072 | 2.59 ug/L | 197095 | 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 | 89 |
| 2 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 78 |
| 3 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 78 |
| 4 | Ethanone, 1-(5-chloro-2-hydroxyp... | 170 | C8H7ClO2 | 001450-74-4 | 72 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK129

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

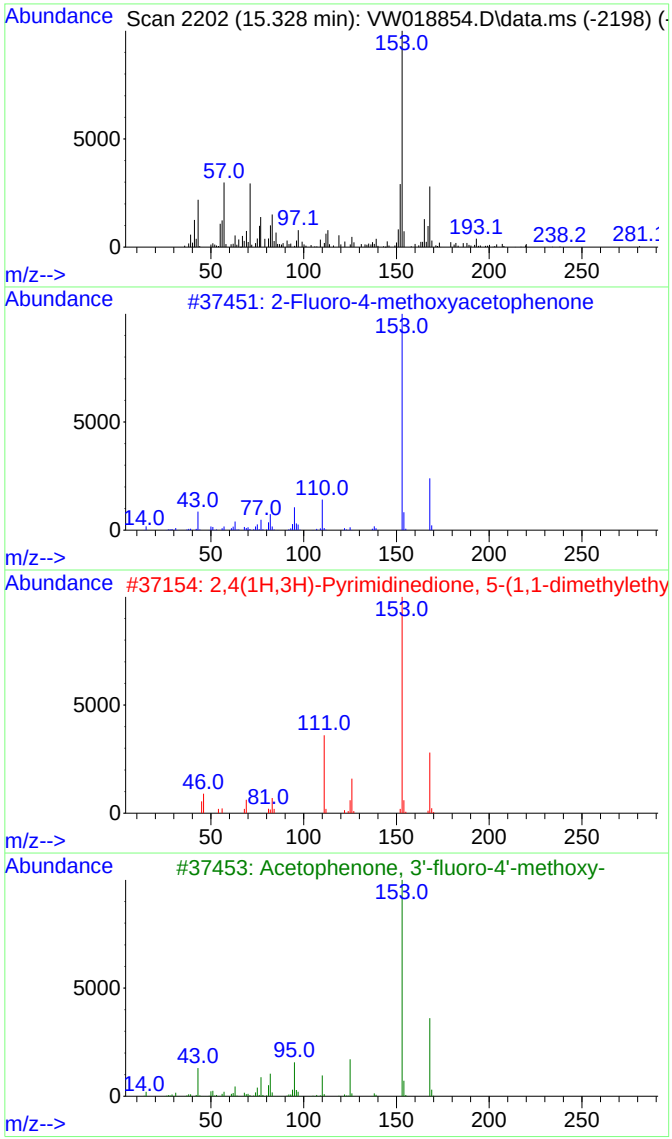
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

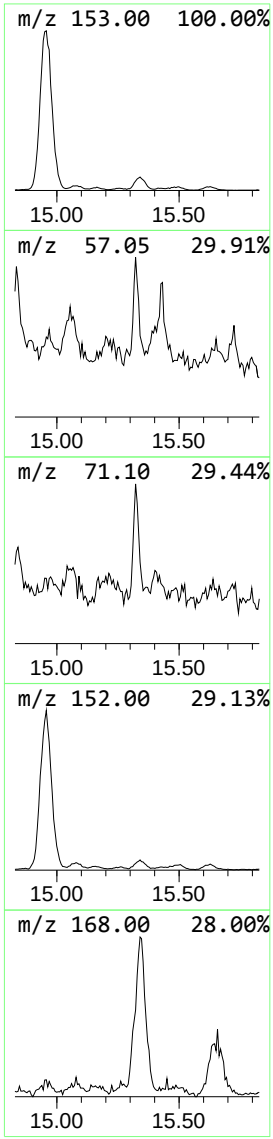
**********

Peak Number 11 unknown-01 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.328 | 1.65 ug/L | 125457 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Fluoro-4-methoxyacetophenone | 168 | C9H9FO2 | 074457-86-6 | 49 |
| 2 | 2,4(1H,3H)-Pyrimidinedione, 5-(1... | 168 | C8H12N2O2 | 017432-97-2 | 46 |
| 3 | Acetophenone, 3'-fluoro-4'-methoxy- | 168 | C9H9FO2 | 000455-91-4 | 46 |
| 4 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 43 |
| 5 | Ethanone, 1-(2,4,6-trihydroxyphe... | 168 | C8H8O4 | 000480-66-0 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK129

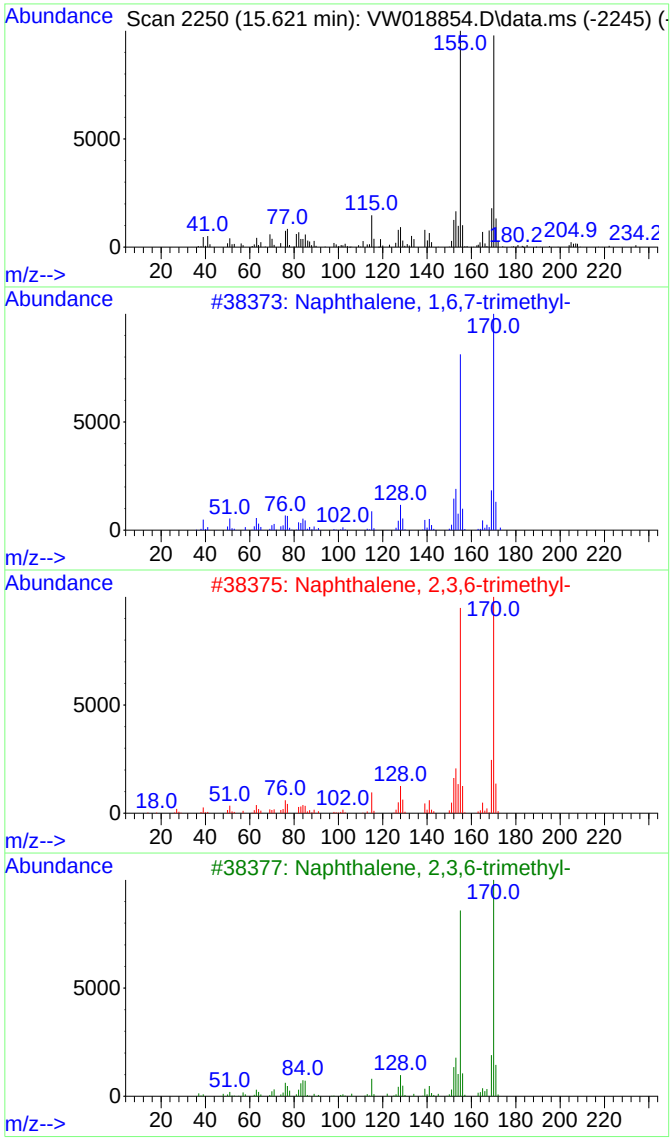
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

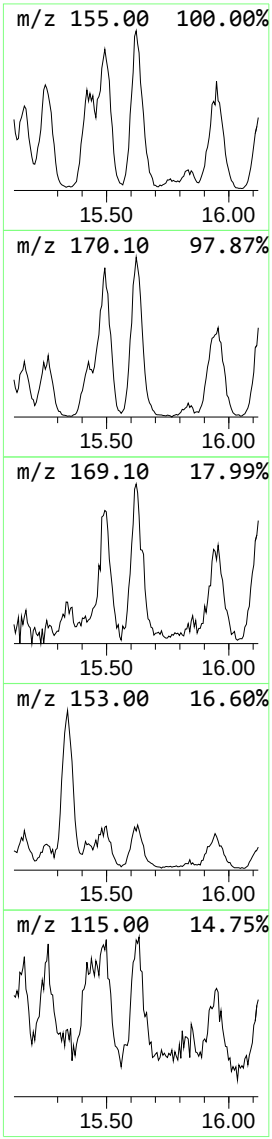
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.621 | 2.55 ug/L | 194029 | 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 | 94 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 4 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 90 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 89 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK129

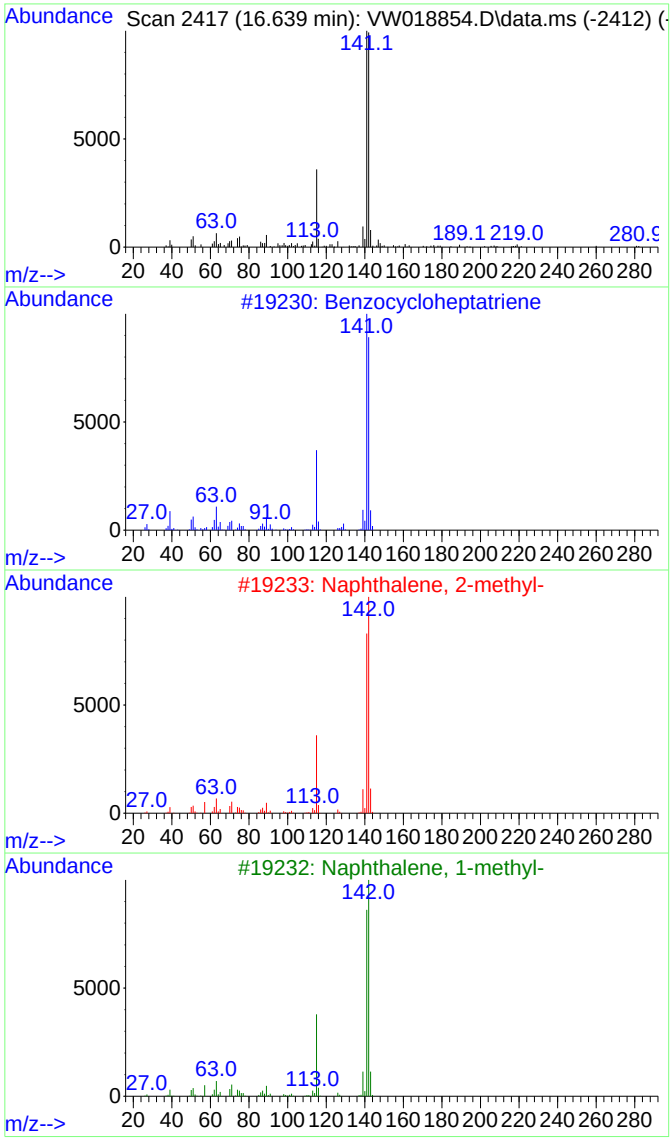
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

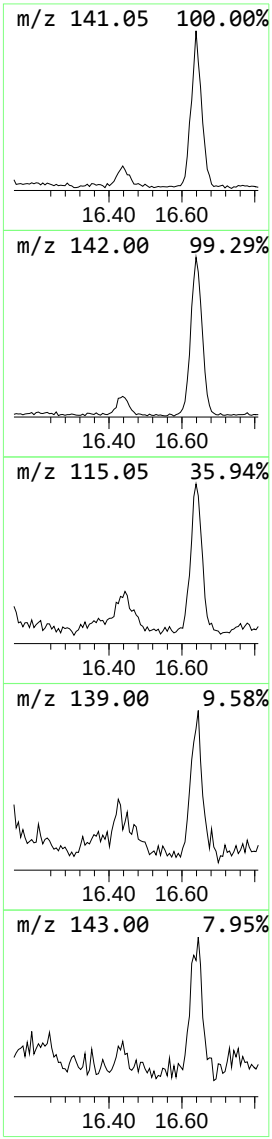
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzocycloheptatriene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.639 | 1.98 ug/L | 150357 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 91 |
| 3 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 90 |
| 4 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 87 |
| 5 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018854.D
Acq On : 29 Apr 2021 18:42
Operator : SY/VA
Sample : VIBLK129
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK129

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Naphthalene, 2,... | 12.890 | 12.4 | ug/L | 940882 | 3 | 13.554 | 1899660 | 25.0 |
| Naphthalene, 1,... | 13.316 | 35.5 | ug/L | 2695680 | 3 | 13.554 | 1899660 | 25.0 |
| Naphthalene, 2,... | 13.957 | 8.1 | ug/L | 618388 | 3 | 13.554 | 1899660 | 25.0 |
| Acenaphthene | 14.956 | 30.0 | ug/L | 2278480 | 3 | 13.554 | 1899660 | 25.0 |
| Naphthalene, 1,... | 15.072 | 2.6 | ug/L | 197095 | 3 | 13.554 | 1899660 | 25.0 |
| unknown-01 | 15.328 | 1.6 | ug/L | 125457 | 3 | 13.554 | 1899660 | 25.0 |
| Naphthalene, 2,... | 15.621 | 2.5 | ug/L | 194029 | 3 | 13.554 | 1899660 | 25.0 |
| Benzocyclohepta... | 16.639 | 2.0 | ug/L | 150357 | 3 | 13.554 | 1899660 | 25.0 |