LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\Method\SFAMUTR012725WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU063030.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.355 | 14 | 20 | 32 | rBV2 | 16683 | 20494 | 6.26% | 0.414% |
| 2 | 1.483 | 55 | 60 | 66 | rVB | 7478 | 7233 | 2.21% | 0.146% |
| 3 | 1.586 | 82 | 92 | 106 | rVB2 | 36563 | 45813 | 13.99% | 0.926% |
| 4 | 1.721 | 124 | 134 | 145 | rVB | 82110 | 102735 | 31.37% | 2.078% |
| 5 | 1.901 | 181 | 190 | 200 | rBV | 25451 | 32614 | 9.96% | 0.660% |
| 6 | 1.982 | 206 | 215 | 222 | rVB3 | 8724 | 11451 | 3.50% | 0.232% |
| 7 | 2.162 | 264 | 271 | 278 | rBV2 | 4688 | 7923 | 2.42% | 0.160% |
| 8 | 2.355 | 321 | 331 | 336 | rBV | 3942 | 5327 | 1.63% | 0.108% |
| 9 | 2.551 | 379 | 392 | 409 | rBB | 44308 | 70760 | 21.61% | 1.431% |
| 10 | 2.667 | 414 | 428 | 437 | rBV5 | 3237 | 6354 | 1.94% | 0.128% |
| 11 | 2.773 | 452 | 461 | 473 | rVB2 | 4949 | 8664 | 2.65% | 0.175% |
| 12 | 3.117 | 559 | 568 | 577 | rBV4 | 2150 | 3817 | 1.17% | 0.077% |
| 13 | 4.638 | 1028 | 1041 | 1074 | rBV3 | 20400 | 70017 | 21.38% | 1.416% |
| 14 | 5.046 | 1154 | 1168 | 1186 | rBV | 55814 | 122115 | 37.29% | 2.469% |
| 15 | 5.711 | 1356 | 1375 | 1410 | rBV3 | 94043 | 252518 | 77.10% | 5.106% |
| 16 | 6.236 | 1527 | 1538 | 1557 | rBV2 | 111905 | 214196 | 65.40% | 4.332% |
| 17 | 6.679 | 1664 | 1676 | 1694 | rBV2 | 58176 | 113550 | 34.67% | 2.296% |
| 18 | 7.554 | 1938 | 1948 | 1964 | rBV3 | 32801 | 59509 | 18.17% | 1.203% |
| 19 | 7.888 | 2038 | 2052 | 2065 | rBV | 138983 | 242549 | 74.06% | 4.905% |
| 20 | 7.959 | 2065 | 2074 | 2091 | rVB2 | 60311 | 108750 | 33.21% | 2.199% |
| 21 | 8.171 | 2130 | 2140 | 2154 | rBV2 | 23120 | 39784 | 12.15% | 0.805% |
| 22 | 8.464 | 2219 | 2231 | 2242 | rBB2 | 2578 | 4448 | 1.36% | 0.090% |
| 23 | 8.625 | 2269 | 2281 | 2320 | rBV | 129736 | 269739 | 82.36% | 5.455% |
| 24 | 9.406 | 2511 | 2524 | 2547 | rBV | 182282 | 310115 | 94.69% | 6.271% |
| 25 | 9.686 | 2602 | 2611 | 2619 | rBV2 | 4965 | 7466 | 2.28% | 0.151% |
| 26 | 10.094 | 2728 | 2738 | 2747 | rBV3 | 6821 | 10550 | 3.22% | 0.213% |
| 27 | 10.473 | 2850 | 2856 | 2866 | rVB3 | 2454 | 3746 | 1.14% | 0.076% |
| 28 | 10.747 | 2928 | 2941 | 2954 | rBV | 63003 | 106059 | 32.38% | 2.145% |
| 29 | 10.882 | 2972 | 2983 | 2995 | rVB4 | 5792 | 10580 | 3.23% | 0.214% |
| 30 | 10.991 | 3007 | 3017 | 3033 | rBV2 | 5372 | 8416 | 2.57% | 0.170% |
| 31 | 11.081 | 3033 | 3045 | 3059 | rVB | 14215 | 22522 | 6.88% | 0.455% |
| 32 | 11.284 | 3100 | 3108 | 3121 | rBV | 9125 | 14086 | 4.30% | 0.285% |
| 33 | 11.460 | 3152 | 3163 | 3178 | rBV | 32005 | 53676 | 16.39% | 1.085% |
| 34 | 11.737 | 3239 | 3249 | 3257 | rBV5 | 7193 | 10168 | 3.10% | 0.206% |
| 35 | 11.801 | 3257 | 3269 | 3286 | rVV | 197864 | 325825 | 99.49% | 6.589% |
| 36 | 11.885 | 3286 | 3295 | 3305 | rVB | 30013 | 47440 | 14.49% | 0.959% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\Method\SFAMUTR012725WMA.M
Title : TRACE VOA SFAM1.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.084 | 3346 | 3357 | 3364 | rBV3 | 13071 | 22299 | 6.81% | 0.451% |
| 38 | 12.184 | 3376 | 3388 | 3412 | rVB | 199898 | 327501 | 100.00% | 6.623% |
| 39 | 12.303 | 3416 | 3425 | 3427 | rBV5 | 3061 | 4516 | 1.38% | 0.091% |
| 40 | 12.367 | 3436 | 3445 | 3457 | rVB4 | 5322 | 8232 | 2.51% | 0.166% |
| 41 | 12.457 | 3464 | 3473 | 3477 | rBV3 | 14030 | 20481 | 6.25% | 0.414% |
| 42 | 12.486 | 3478 | 3482 | 3493 | rVB2 | 15663 | 21976 | 6.71% | 0.444% |
| 43 | 12.563 | 3495 | 3506 | 3515 | rBV2 | 24755 | 38061 | 11.62% | 0.770% |
| 44 | 12.676 | 3533 | 3541 | 3544 | rBV3 | 8152 | 11616 | 3.55% | 0.235% |
| 45 | 12.869 | 3587 | 3601 | 3613 | rVB | 15129 | 25414 | 7.76% | 0.514% |
| 46 | 12.965 | 3616 | 3631 | 3638 | rVV | 37938 | 58986 | 18.01% | 1.193% |
| 47 | 13.017 | 3638 | 3647 | 3663 | rVB | 75297 | 118396 | 36.15% | 2.394% |
| 48 | 13.103 | 3663 | 3674 | 3677 | rBV6 | 4916 | 7854 | 2.40% | 0.159% |
| 49 | 13.126 | 3678 | 3681 | 3686 | rVV4 | 5288 | 5485 | 1.67% | 0.111% |
| 50 | 13.158 | 3687 | 3691 | 3699 | rVB3 | 4572 | 5215 | 1.59% | 0.105% |
| 51 | 13.284 | 3712 | 3730 | 3742 | rBV3 | 27818 | 46848 | 14.30% | 0.947% |
| 52 | 13.338 | 3742 | 3747 | 3756 | rVB9 | 3109 | 4770 | 1.46% | 0.096% |
| 53 | 13.396 | 3756 | 3765 | 3769 | rBV4 | 7647 | 11389 | 3.48% | 0.230% |
| 54 | 13.441 | 3769 | 3779 | 3794 | rVV4 | 107808 | 192496 | 58.78% | 3.893% |
| 55 | 13.512 | 3794 | 3801 | 3807 | rVV5 | 8042 | 11375 | 3.47% | 0.230% |
| 56 | 13.550 | 3808 | 3813 | 3819 | rVB2 | 4281 | 4846 | 1.48% | 0.098% |
| 57 | 13.615 | 3824 | 3833 | 3849 | rVB3 | 20701 | 37217 | 11.36% | 0.753% |
| 58 | 13.721 | 3855 | 3866 | 3875 | rBV6 | 6919 | 12664 | 3.87% | 0.256% |
| 59 | 13.775 | 3875 | 3883 | 3889 | rVV6 | 14286 | 21569 | 6.59% | 0.436% |
| 60 | 13.824 | 3889 | 3898 | 3916 | rVV5 | 22018 | 59744 | 18.24% | 1.208% |
| 61 | 13.901 | 3916 | 3922 | 3925 | rVV5 | 4801 | 6374 | 1.95% | 0.129% |
| 62 | 13.952 | 3925 | 3938 | 3947 | rVB4 | 14116 | 30088 | 9.19% | 0.608% |
| 63 | 14.078 | 3964 | 3977 | 3997 | rVB | 128076 | 227934 | 69.60% | 4.609% |
| 64 | 14.181 | 4002 | 4009 | 4022 | rVB | 4872 | 9234 | 2.82% | 0.187% |
| 65 | 14.283 | 4030 | 4041 | 4051 | rBV8 | 12398 | 24056 | 7.35% | 0.486% |
| 66 | 14.335 | 4051 | 4057 | 4066 | rVB5 | 7058 | 10058 | 3.07% | 0.203% |
| 67 | 14.476 | 4090 | 4101 | 4118 | rVB3 | 26941 | 44316 | 13.53% | 0.896% |
| 68 | 14.566 | 4121 | 4129 | 4133 | rBV7 | 2571 | 4084 | 1.25% | 0.083% |
| 69 | 14.608 | 4133 | 4142 | 4149 | rVV6 | 8287 | 13817 | 4.22% | 0.279% |
| 70 | 14.660 | 4149 | 4158 | 4171 | rVV6 | 26898 | 61286 | 18.71% | 1.239% |
| 71 | 14.721 | 4171 | 4177 | 4185 | rVB2 | 11022 | 13872 | 4.24% | 0.281% |
| 72 | 14.801 | 4191 | 4202 | 4214 | rBV2 | 31030 | 52599 | 16.06% | 1.064% |
| 73 | 14.865 | 4214 | 4222 | 4232 | rVB3 | 22015 | 34605 | 10.57% | 0.700% |
| 74 | 15.007 | 4257 | 4266 | 4276 | rBV4 | 16336 | 28239 | 8.62% | 0.571% |
| 75 | 15.148 | 4297 | 4310 | 4317 | rBV10 | 2873 | 7358 | 2.25% | 0.149% |
| 76 | 15.216 | 4317 | 4331 | 4356 | rVB | 87410 | 157750 | 48.17% | 3.190% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\Method\SFAMUTR012725WMA.M
Title : TRACE VOA SFAM1.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.335 | 4358 | 4368 | 4376 | rBV8 | 3774 | 5601 | 1.71% | 0.113% |
| 78 | 15.399 | 4376 | 4388 | 4400 | rBV | 117470 | 199976 | 61.06% | 4.044% |
| 79 | 15.560 | 4431 | 4438 | 4451 | rVB10 | 5813 | 12328 | 3.76% | 0.249% |
| 80 | 15.679 | 4462 | 4475 | 4493 | rVB10 | 7967 | 21647 | 6.61% | 0.438% |
| 81 | 15.817 | 4513 | 4518 | 4525 | rBV8 | 2967 | 4374 | 1.34% | 0.088% |
| 82 | 15.869 | 4527 | 4534 | 4540 | rVV8 | 2443 | 4360 | 1.33% | 0.088% |
| 83 | 15.914 | 4540 | 4548 | 4566 | rVB8 | 11871 | 24988 | 7.63% | 0.505% |
| 84 | 16.004 | 4568 | 4576 | 4580 | rBV7 | 2590 | 3772 | 1.15% | 0.076% |
| 85 | 16.068 | 4589 | 4596 | 4604 | rBV10 | 3068 | 3884 | 1.19% | 0.079% |
| 86 | 16.139 | 4611 | 4618 | 4625 | rBV6 | 7003 | 10495 | 3.20% | 0.212% |
| 87 | 16.171 | 4625 | 4628 | 4637 | rVB7 | 4920 | 6528 | 1.99% | 0.132% |
| 88 | 16.258 | 4645 | 4655 | 4667 | rBV5 | 11100 | 20681 | 6.31% | 0.418% |
| 89 | 16.402 | 4690 | 4700 | 4707 | rBV2 | 25778 | 41734 | 12.74% | 0.844% |
| 90 | 16.441 | 4709 | 4712 | 4724 | rVB4 | 11062 | 13846 | 4.23% | 0.280% |
| 91 | 16.528 | 4735 | 4739 | 4748 | rVB7 | 2348 | 3471 | 1.06% | 0.070% |
| 92 | 16.608 | 4755 | 4764 | 4767 | rBV7 | 3787 | 4951 | 1.51% | 0.100% |
| 93 | 16.637 | 4768 | 4773 | 4781 | rVB7 | 4994 | 6806 | 2.08% | 0.138% |

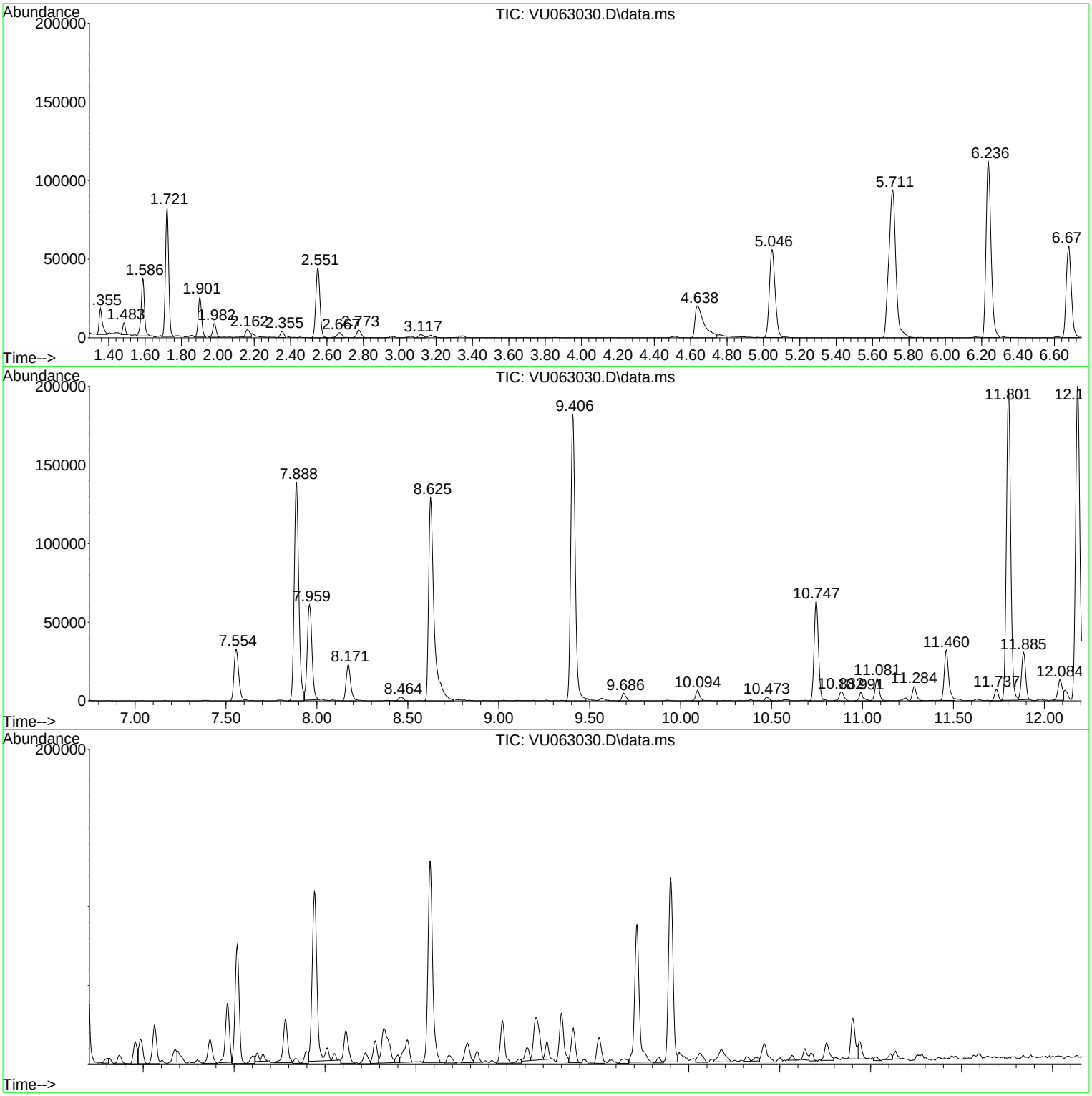
Sum of corrected areas: 4945071

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

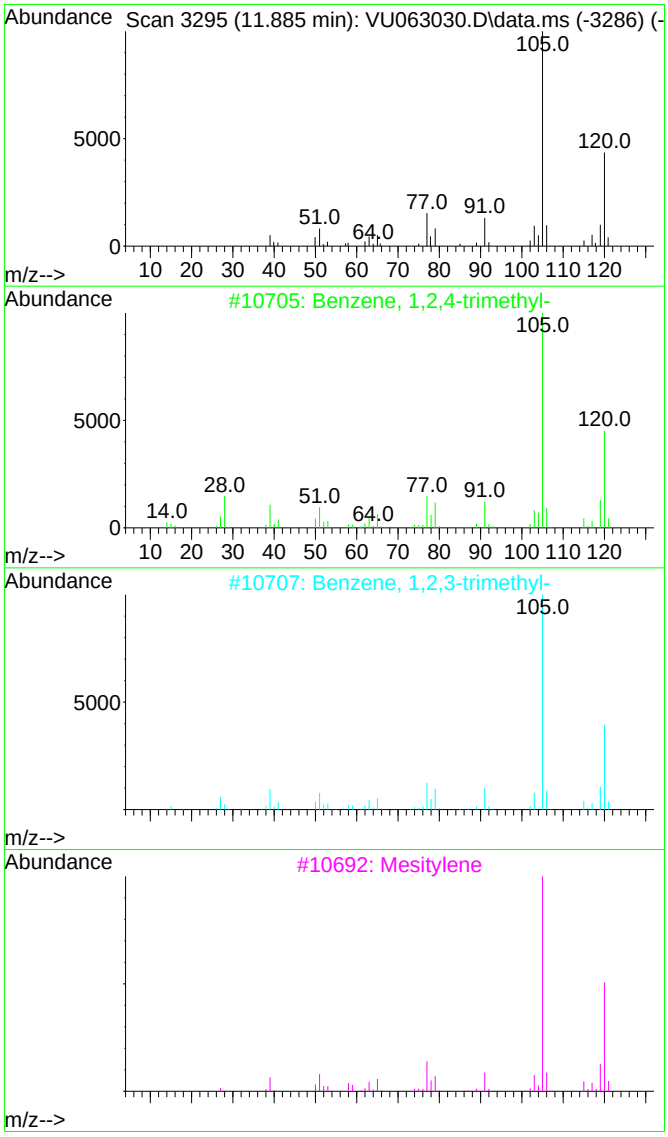
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

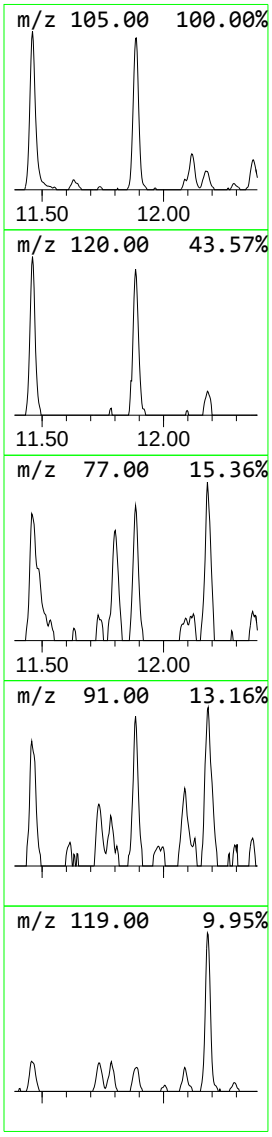
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.885 | 0.73 ug/L | 47440 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

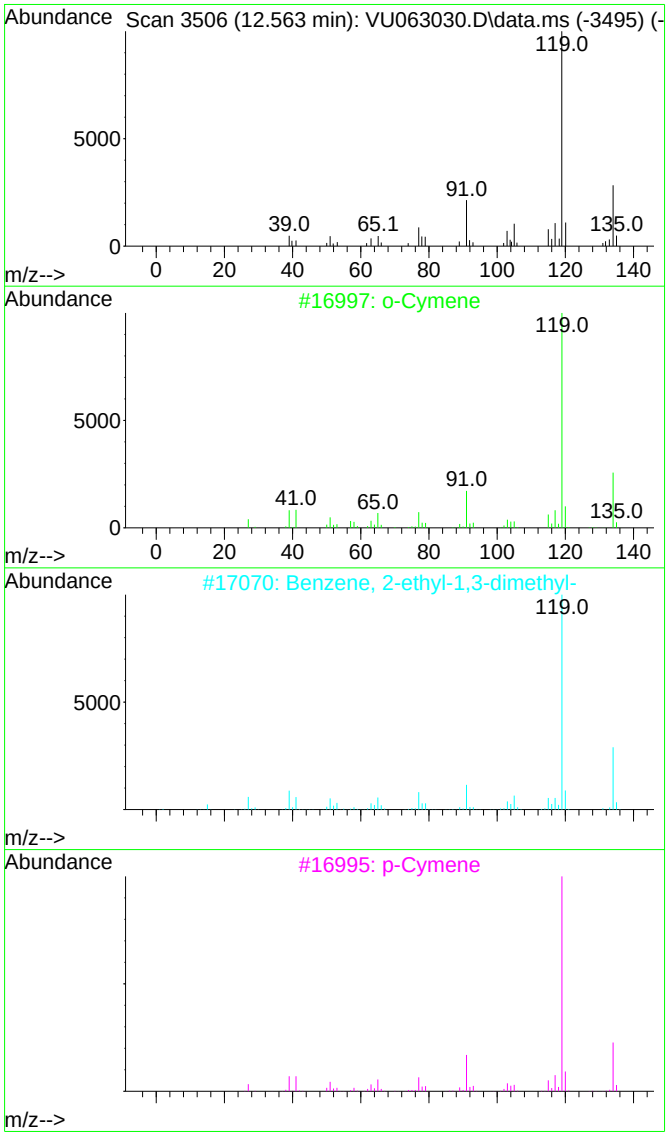
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

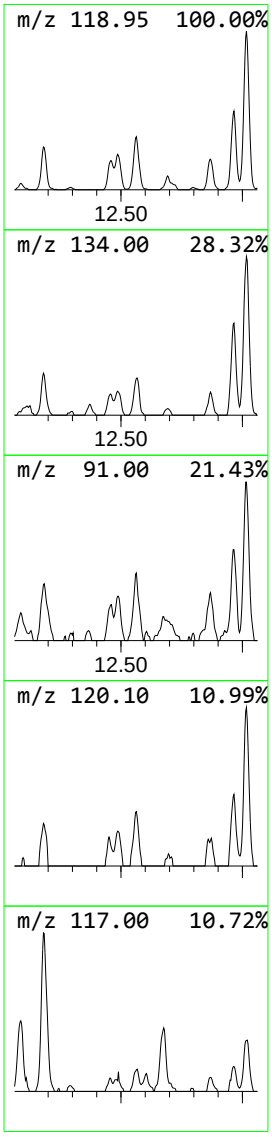
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 o-Cymene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.563 | 0.58 ug/L | 38061 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 94 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

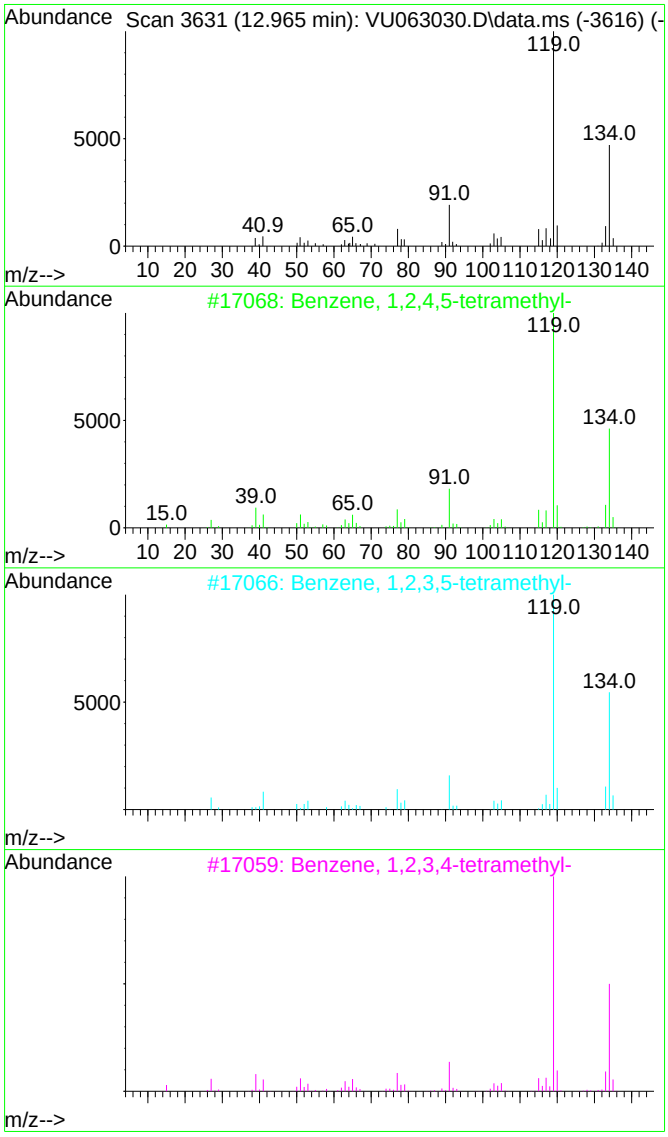
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

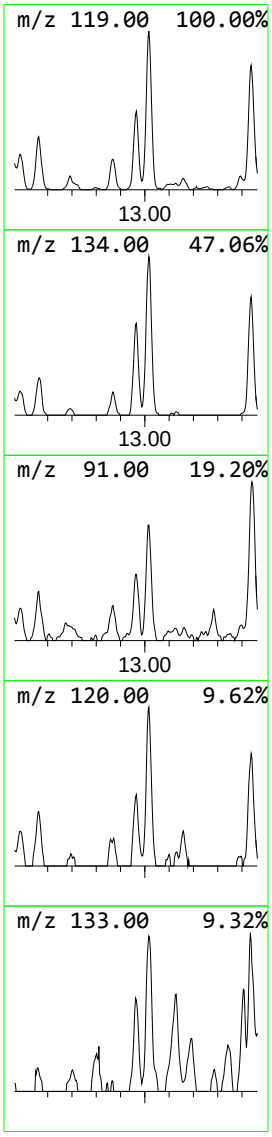
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.965 | 0.91 ug/L | 58986 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 4 | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14 | 076089-59-3 | 93 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

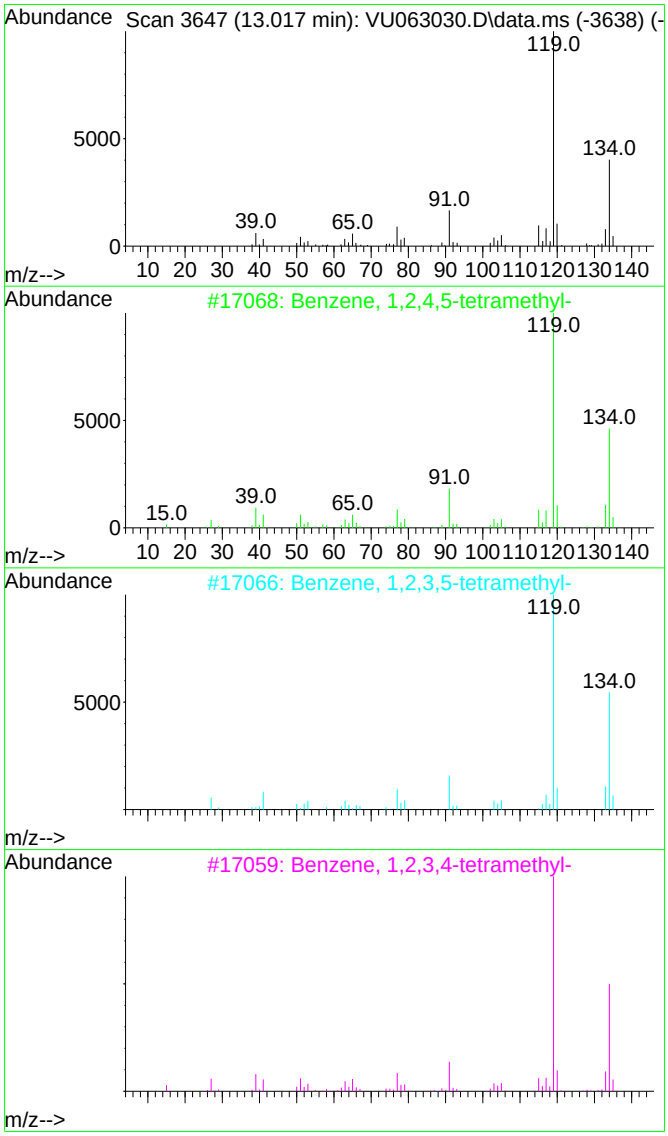
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

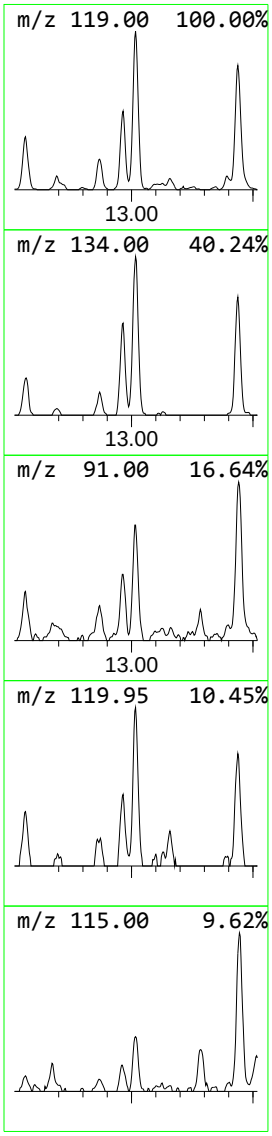
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.017 | 1.82 ug/L | 118396 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

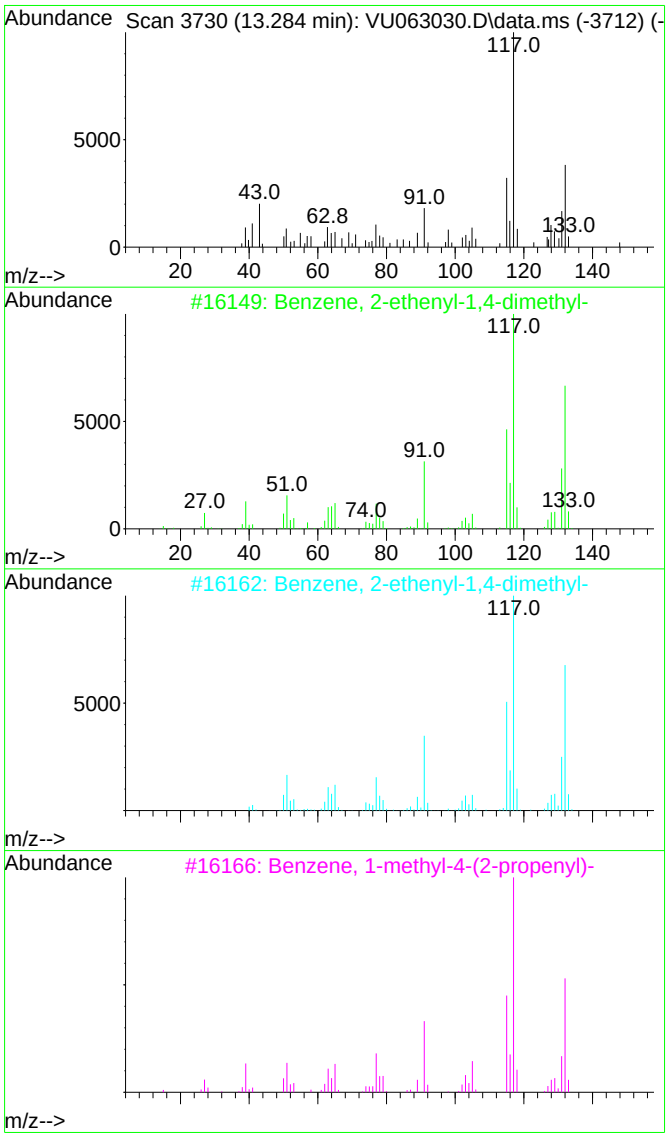
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

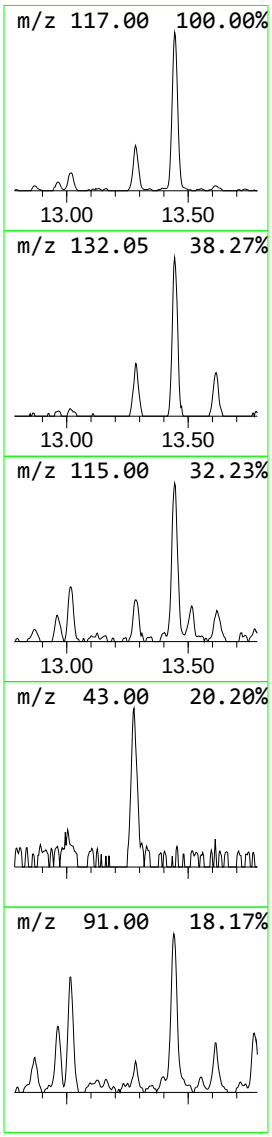
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.284 | 0.72 ug/L | 46848 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 93 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 93 |
| 3 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 92 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 90 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

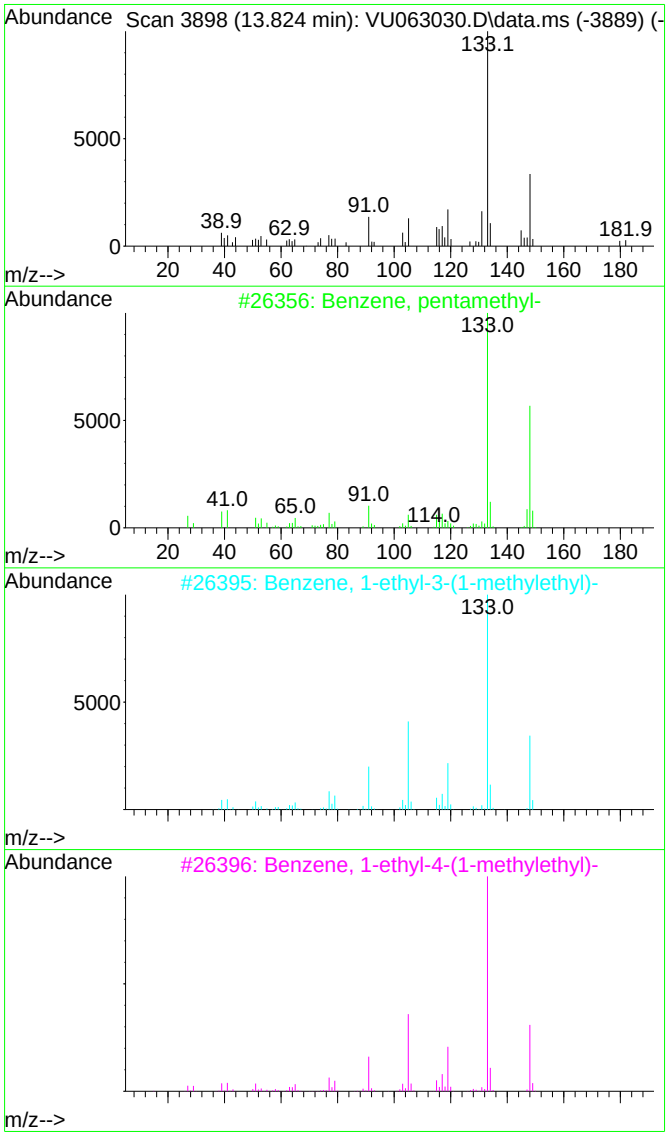
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

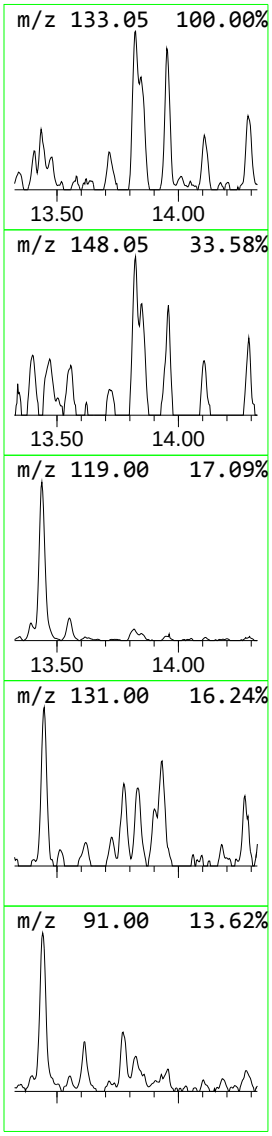
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, pentamethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.824 | 0.92 ug/L | 59744 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 87 |
| 2 | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16 | 004920-99-4 | 87 |
| 3 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 87 |
| 4 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 83 |
| 5 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

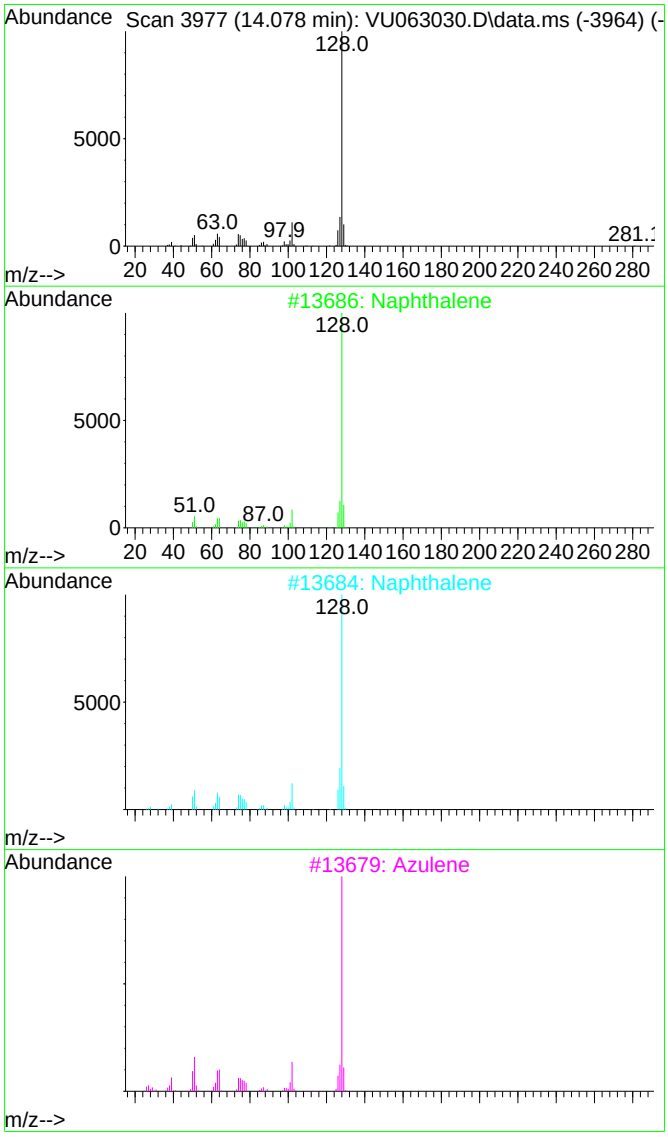
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

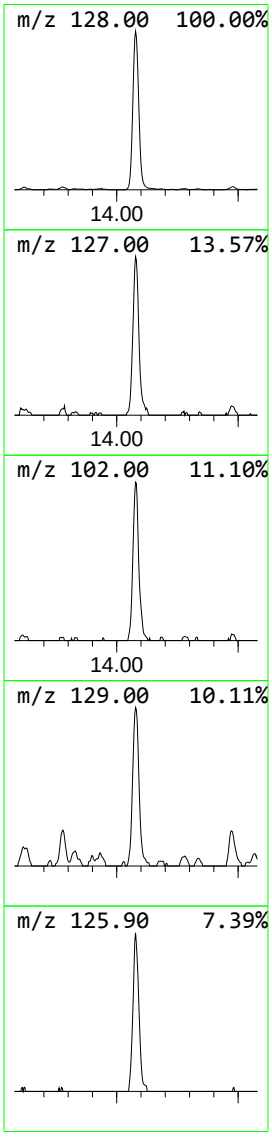
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Azulene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.078 | 3.50 ug/L | 227934 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 2 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 3 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |
| 4 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |
| 5 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

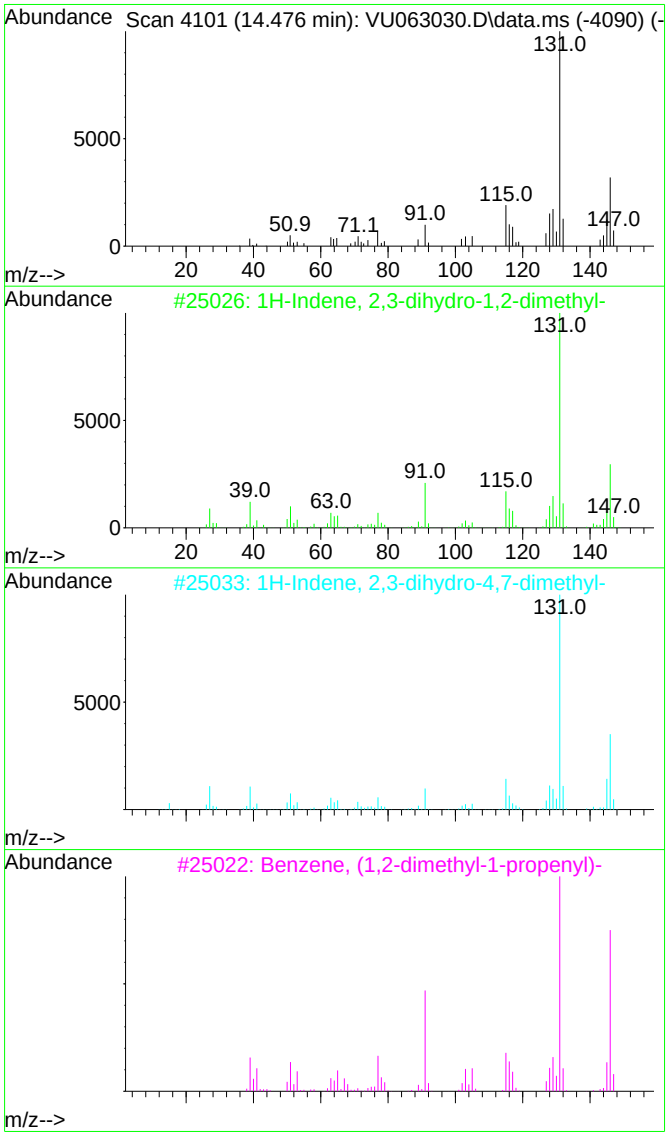
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

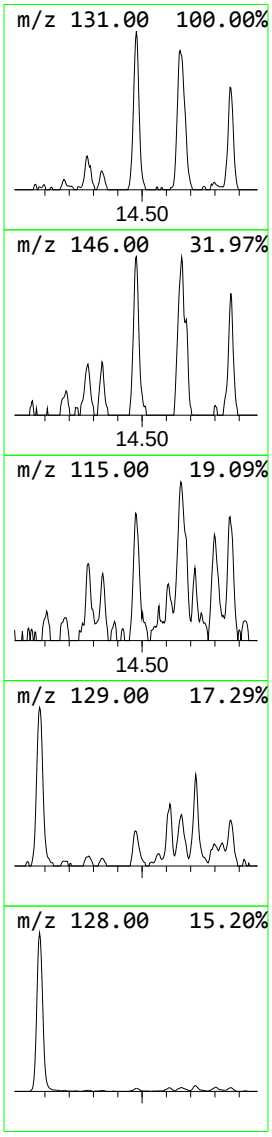
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.476 | 0.68 ug/L | 44316 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 95 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |
| 3 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 93 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 91 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

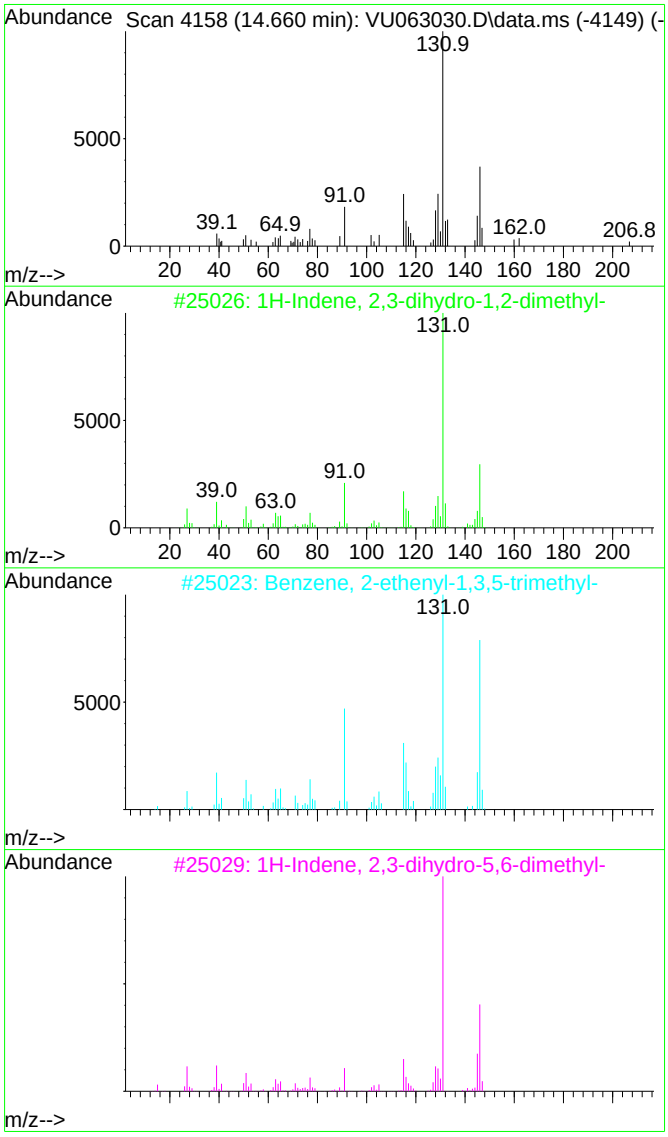
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

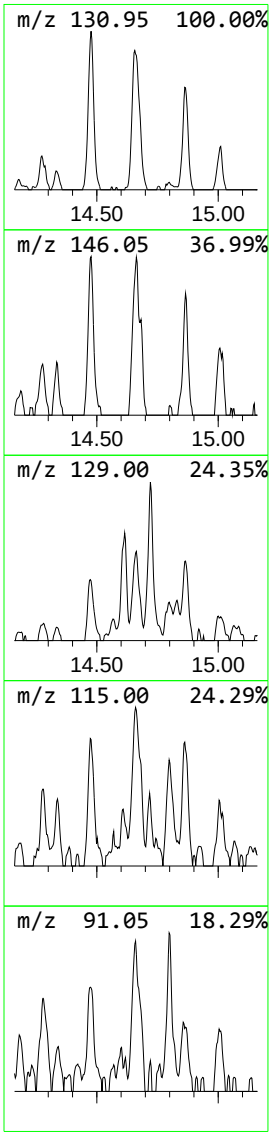
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.660 | 0.94 ug/L | 61286 | 1,4-Dichlorobenzene-d4 | 11.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 90 |
| 2 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 87 |
| 3 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 87 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 83 |
| 5 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

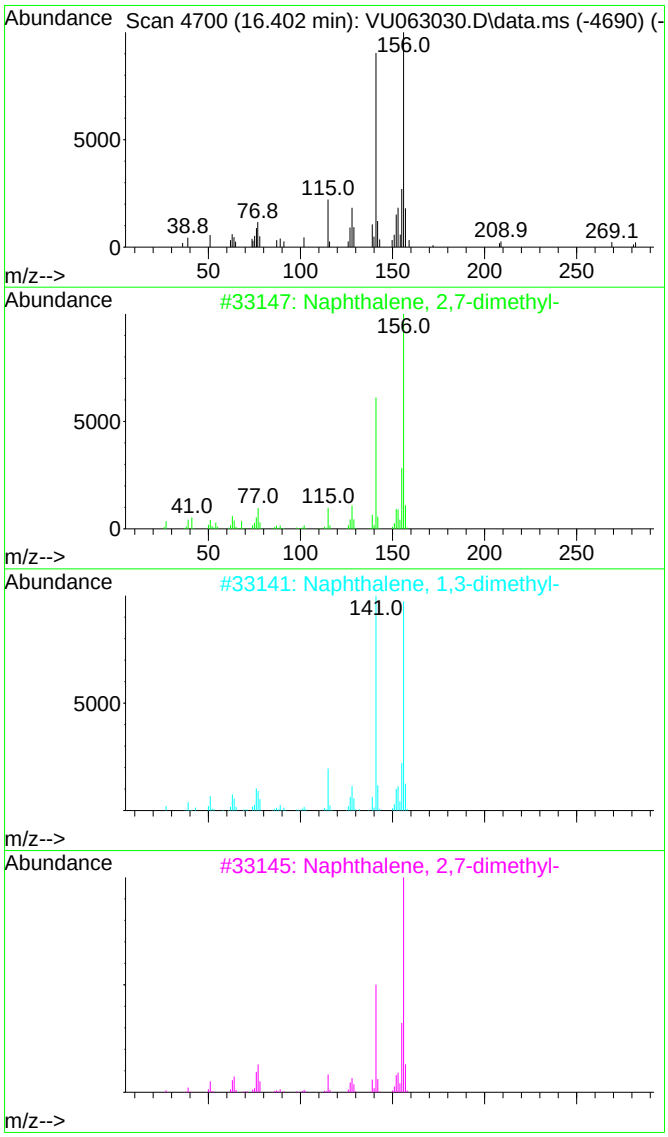
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

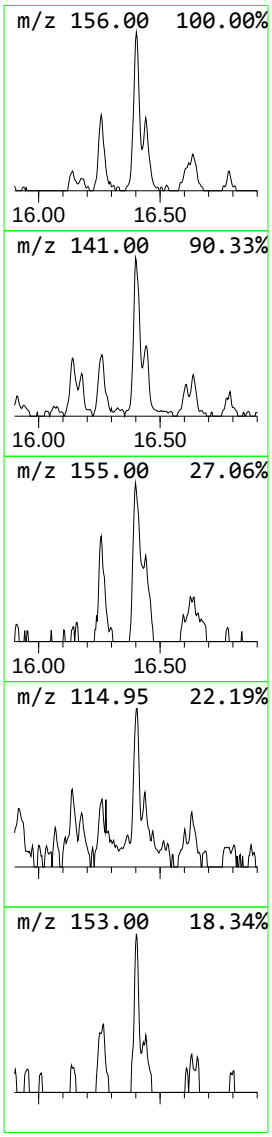
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.402 | 0.64 ug/L | 41734 | 1,4-Dichlorobenzene-d4 | 11.805 |

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



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063030.D
Acq On : 27 Jan 2025 21:04
Operator : MD/SY
Sample : Q1174-26
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
E2953

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1,2,3-... | 11.885 | 0.7 | ug/L | 47440 | 3 | 11.805 | 325825 | 5.0 |
| o-Cymene | 12.563 | 0.6 | ug/L | 38061 | 3 | 11.805 | 325825 | 5.0 |
| Benzene, 1,2,4,... | 12.965 | 0.9 | ug/L | 58986 | 3 | 11.805 | 325825 | 5.0 |
| Benzene, 1,2,3,... | 13.017 | 1.8 | ug/L | 118396 | 3 | 11.805 | 325825 | 5.0 |
| Benzene, 2-ethe... | 13.284 | 0.7 | ug/L | 46848 | 3 | 11.805 | 325825 | 5.0 |
| Benzene, pentam... | 13.824 | 0.9 | ug/L | 59744 | 3 | 11.805 | 325825 | 5.0 |
| Azulene | 14.078 | 3.5 | ug/L | 227934 | 3 | 11.805 | 325825 | 5.0 |
| 1H-Indene, 2,3-... | 14.476 | 0.7 | ug/L | 44316 | 3 | 11.805 | 325825 | 5.0 |
| Benzene, 2-ethe... | 14.660 | 0.9 | ug/L | 61286 | 3 | 11.805 | 325825 | 5.0 |
| Naphthalene, 2,... | 16.402 | 0.6 | ug/L | 41734 | 3 | 11.805 | 325825 | 5.0 |