LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

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_U\METHOD\SOMULM011420WMA.M
Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.613 | 77 | 85 | 98 | rBV | 233374 | 249555 | 1.58% | 0.280% |
| 2 | 1.819 | 132 | 149 | 150 | rBV7 | 41525 | 83305 | 0.53% | 0.094% |
| 3 | 1.916 | 171 | 179 | 196 | rVB | 198703 | 269648 | 1.71% | 0.303% |
| 4 | 2.591 | 375 | 389 | 404 | rBV | 384714 | 646158 | 4.09% | 0.726% |
| 5 | 2.707 | 422 | 425 | 427 | rBV3 | 1333 | 960 | 0.01% | 0.001% |
| 6 | 2.819 | 457 | 460 | 464 | rVB3 | 1749 | 1400 | 0.01% | 0.002% |
| 7 | 2.861 | 470 | 473 | 476 | rVB2 | 1274 | 904 | 0.01% | 0.001% |
| 8 | 3.070 | 530 | 538 | 539 | rBV4 | 2389 | 1889 | 0.01% | 0.002% |
| 9 | 3.131 | 552 | 557 | 560 | rVB4 | 835 | 782 | 0.00% | 0.001% |
| 10 | 3.228 | 572 | 587 | 599 | rBV2 | 20276 | 44712 | 0.28% | 0.050% |
| 11 | 3.311 | 608 | 613 | 618 | rVB3 | 1012 | 985 | 0.01% | 0.001% |
| 12 | 3.375 | 630 | 633 | 640 | rVB6 | 1333 | 1430 | 0.01% | 0.002% |
| 13 | 3.662 | 719 | 722 | 726 | rVB2 | 1151 | 808 | 0.01% | 0.001% |
| 14 | 3.687 | 726 | 730 | 735 | rBV2 | 876 | 831 | 0.01% | 0.001% |
| 15 | 4.218 | 890 | 895 | 898 | rBV3 | 719 | 785 | 0.00% | 0.001% |
| 16 | 4.678 | 1023 | 1038 | 1062 | rBV | 209166 | 495714 | 3.14% | 0.557% |
| 17 | 4.906 | 1106 | 1109 | 1115 | rVB4 | 955 | 790 | 0.01% | 0.001% |
| 18 | 4.935 | 1115 | 1118 | 1123 | rVB3 | 899 | 722 | 0.00% | 0.001% |
| 19 | 5.108 | 1153 | 1172 | 1192 | rBV | 365914 | 812370 | 5.15% | 0.912% |
| 20 | 5.247 | 1211 | 1215 | 1219 | rVB5 | 1201 | 987 | 0.01% | 0.001% |
| 21 | 5.324 | 1233 | 1239 | 1240 | rBV4 | 1123 | 975 | 0.01% | 0.001% |
| 22 | 5.404 | 1256 | 1264 | 1266 | rBV7 | 1207 | 1451 | 0.01% | 0.002% |
| 23 | 5.764 | 1355 | 1376 | 1397 | rBV2 | 761469 | 1984363 | 12.58% | 2.229% |
| 24 | 6.067 | 1468 | 1470 | 1474 | rBV3 | 1077 | 945 | 0.01% | 0.001% |
| 25 | 6.150 | 1493 | 1496 | 1505 | rVB5 | 1506 | 1295 | 0.01% | 0.001% |
| 26 | 6.198 | 1505 | 1511 | 1512 | rBV3 | 806 | 723 | 0.00% | 0.001% |
| 27 | 6.288 | 1524 | 1539 | 1555 | rBV | 662492 | 1243066 | 7.88% | 1.396% |
| 28 | 6.565 | 1614 | 1625 | 1638 | rVB5 | 16397 | 30294 | 0.19% | 0.034% |
| 29 | 6.729 | 1659 | 1676 | 1695 | rBV | 473091 | 916020 | 5.81% | 1.029% |
| 30 | 6.829 | 1705 | 1707 | 1718 | rVB8 | 1681 | 2376 | 0.02% | 0.003% |
| 31 | 6.967 | 1745 | 1750 | 1753 | rBV5 | 895 | 772 | 0.00% | 0.001% |
| 32 | 7.022 | 1760 | 1767 | 1775 | rVB5 | 1152 | 1647 | 0.01% | 0.002% |
| 33 | 7.057 | 1775 | 1778 | 1783 | rBV5 | 953 | 985 | 0.01% | 0.001% |
| 34 | 7.221 | 1824 | 1829 | 1838 | rVB9 | 3477 | 5169 | 0.03% | 0.006% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

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_U\METHOD\SOMULM011420WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.504 | 1911 | 1917 | 1919 | rBV3 | 1108 | 1000 | 0.01% | 0.001% |
| 36 | 7.520 | 1920 | 1922 | 1929 | rVB5 | 1039 | 961 | 0.01% | 0.001% |
| 37 | 7.600 | 1934 | 1947 | 1961 | rBV | 289500 | 506440 | 3.21% | 0.569% |
| 38 | 7.697 | 1973 | 1977 | 1980 | rBV4 | 1199 | 929 | 0.01% | 0.001% |
| 39 | 7.813 | 2008 | 2013 | 2015 | rVV4 | 2433 | 2152 | 0.01% | 0.002% |
| 40 | 7.832 | 2015 | 2019 | 2026 | rVB7 | 3189 | 3785 | 0.02% | 0.004% |
| 41 | 7.928 | 2035 | 2049 | 2062 | rBV | 960885 | 1640812 | 10.40% | 1.843% |
| 42 | 7.999 | 2063 | 2071 | 2085 | rVV | 43966 | 80402 | 0.51% | 0.090% |
| 43 | 8.060 | 2085 | 2090 | 2096 | rVB6 | 1338 | 1586 | 0.01% | 0.002% |
| 44 | 8.211 | 2125 | 2137 | 2156 | rBV | 208685 | 351732 | 2.23% | 0.395% |
| 45 | 8.478 | 2215 | 2220 | 2224 | rVB5 | 776 | 847 | 0.01% | 0.001% |
| 46 | 8.581 | 2247 | 2252 | 2257 | rVB6 | 1345 | 1626 | 0.01% | 0.002% |
| 47 | 8.668 | 2264 | 2279 | 2307 | rBV | 701878 | 1219144 | 7.73% | 1.369% |
| 48 | 8.896 | 2344 | 2350 | 2354 | rBV5 | 1593 | 1857 | 0.01% | 0.002% |
| 49 | 8.948 | 2363 | 2366 | 2368 | rBV3 | 1389 | 872 | 0.01% | 0.001% |
| 50 | 9.179 | 2435 | 2438 | 2440 | rBV2 | 1263 | 937 | 0.01% | 0.001% |
| 51 | 9.230 | 2451 | 2454 | 2461 | rVV6 | 2193 | 2051 | 0.01% | 0.002% |
| 52 | 9.359 | 2484 | 2494 | 2499 | rBV7 | 4684 | 6672 | 0.04% | 0.007% |
| 53 | 9.446 | 2504 | 2521 | 2540 | rBV | 928370 | 1555621 | 9.86% | 1.747% |
| 54 | 9.597 | 2556 | 2568 | 2580 | rBV | 143166 | 236510 | 1.50% | 0.266% |
| 55 | 9.719 | 2587 | 2606 | 2616 | rBV | 371179 | 635086 | 4.02% | 0.713% |
| 56 | 9.890 | 2647 | 2659 | 2666 | rBV7 | 7532 | 15839 | 0.10% | 0.018% |
| 57 | 10.076 | 2700 | 2717 | 2721 | rBV7 | 18000 | 40656 | 0.26% | 0.046% |
| 58 | 10.128 | 2722 | 2733 | 2759 | rVB | 1005222 | 1730773 | 10.97% | 1.944% |
| 59 | 10.275 | 2769 | 2779 | 2787 | rBV2 | 24438 | 45383 | 0.29% | 0.051% |
| 60 | 10.507 | 2841 | 2851 | 2861 | rBV | 52309 | 91576 | 0.58% | 0.103% |
| 61 | 10.780 | 2925 | 2936 | 2948 | rBV | 714889 | 1173763 | 7.44% | 1.318% |
| 62 | 10.928 | 2973 | 2982 | 2991 | rBV | 136277 | 209043 | 1.32% | 0.235% |
| 63 | 11.021 | 3001 | 3011 | 3015 | rBV | 420578 | 671664 | 4.26% | 0.754% |
| 64 | 11.111 | 3031 | 3039 | 3065 | rVB2 | 1581260 | 3035846 | 19.24% | 3.410% |
| 65 | 11.314 | 3093 | 3102 | 3118 | rBV | 393030 | 705747 | 4.47% | 0.793% |
| 66 | 11.436 | 3135 | 3140 | 3146 | rVB2 | 52198 | 55160 | 0.35% | 0.062% |
| 67 | 11.488 | 3146 | 3156 | 3169 | rVB | 2027308 | 3117441 | 19.76% | 3.502% |
| 68 | 11.558 | 3171 | 3178 | 3186 | rVB | 178933 | 246983 | 1.57% | 0.277% |
| 69 | 11.761 | 3226 | 3241 | 3250 | rBV5 | 190526 | 485069 | 3.07% | 0.545% |
| 70 | 11.832 | 3252 | 3263 | 3276 | rVV | 1024860 | 1764202 | 11.18% | 1.982% |
| 71 | 11.915 | 3279 | 3289 | 3299 | rVV | 1748454 | 2756328 | 17.47% | 3.096% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

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_U\METHOD\SOMULM011420WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 11.970 | 3300 | 3306 | 3315 | rVB | 196695 | 268919 | 1.70% | 0.302% |
| 73 | 12.115 | 3342 | 3351 | 3358 | rBV | 654234 | 1091816 | 6.92% | 1.226% |
| 74 | 12.211 | 3371 | 3381 | 3396 | rVB3 | 1625673 | 2842860 | 18.02% | 3.193% |
| 75 | 12.298 | 3400 | 3408 | 3412 | rVV2 | 411208 | 601428 | 3.81% | 0.676% |
| 76 | 12.340 | 3414 | 3421 | 3433 | rVB2 | 1217128 | 2029152 | 12.86% | 2.279% |
| 77 | 12.484 | 3459 | 3466 | 3470 | rBV | 254298 | 376942 | 2.39% | 0.423% |
| 78 | 12.590 | 3493 | 3499 | 3507 | rVB | 524036 | 728397 | 4.62% | 0.818% |
| 79 | 12.944 | 3601 | 3609 | 3616 | rBV2 | 569973 | 848987 | 5.38% | 0.954% |
| 80 | 12.989 | 3618 | 3623 | 3631 | rVB | 544816 | 733721 | 4.65% | 0.824% |
| 81 | 13.047 | 3632 | 3641 | 3660 | rVB3 | 1103181 | 2026380 | 12.84% | 2.276% |
| 82 | 13.407 | 3747 | 3753 | 3758 | rBV3 | 277310 | 371701 | 2.36% | 0.417% |
| 83 | 13.468 | 3760 | 3772 | 3786 | rVB4 | 1314357 | 2905505 | 18.41% | 3.263% |
| 84 | 13.645 | 3818 | 3827 | 3850 | rVB | 1430311 | 2477688 | 15.70% | 2.783% |
| 85 | 13.851 | 3885 | 3891 | 3898 | rBV4 | 187639 | 282092 | 1.79% | 0.317% |
| 86 | 14.079 | 3955 | 3962 | 3966 | rBV | 442650 | 654070 | 4.15% | 0.735% |
| 87 | 14.690 | 4145 | 4152 | 4162 | rVB4 | 248834 | 409670 | 2.60% | 0.460% |
| 88 | 15.237 | 4313 | 4322 | 4351 | rVB | 3753371 | 6450607 | 40.88% | 7.245% |
| 89 | 15.426 | 4369 | 4381 | 4405 | rVB | 9715651 | 15779611 | 100.00% | 17.724% |
| 90 | 15.967 | 4540 | 4549 | 4560 | rVB | 1331032 | 2098825 | 13.30% | 2.357% |
| 91 | 16.275 | 4634 | 4645 | 4668 | rVB | 2820527 | 5093967 | 32.28% | 5.722% |
| 92 | 16.423 | 4681 | 4691 | 4698 | rBV | 3212349 | 5254105 | 33.30% | 5.901% |
| 93 | 16.651 | 4745 | 4762 | 4783 | rVB2 | 957356 | 2527456 | 16.02% | 2.839% |
| 94 | 16.799 | 4799 | 4808 | 4825 | rVB2 | 562109 | 911578 | 5.78% | 1.024% |
| 95 | 16.893 | 4828 | 4837 | 4850 | rVV2 | 841259 | 1329821 | 8.43% | 1.494% |
| 96 | 16.992 | 4862 | 4868 | 4877 | rVB3 | 150387 | 225223 | 1.43% | 0.253% |
| 97 | 17.108 | 4898 | 4904 | 4918 | rVB2 | 384348 | 716158 | 4.54% | 0.804% |
| 98 | 17.391 | 4985 | 4992 | 4994 | rBV2 | 195097 | 236856 | 1.50% | 0.266% |
| 99 | 17.552 | 5035 | 5042 | 5052 | rVB | 217118 | 347989 | 2.21% | 0.391% |
| 100 | 17.616 | 5056 | 5062 | 5072 | rVB2 | 129389 | 208748 | 1.32% | 0.234% |

Sum of corrected areas: 89031583

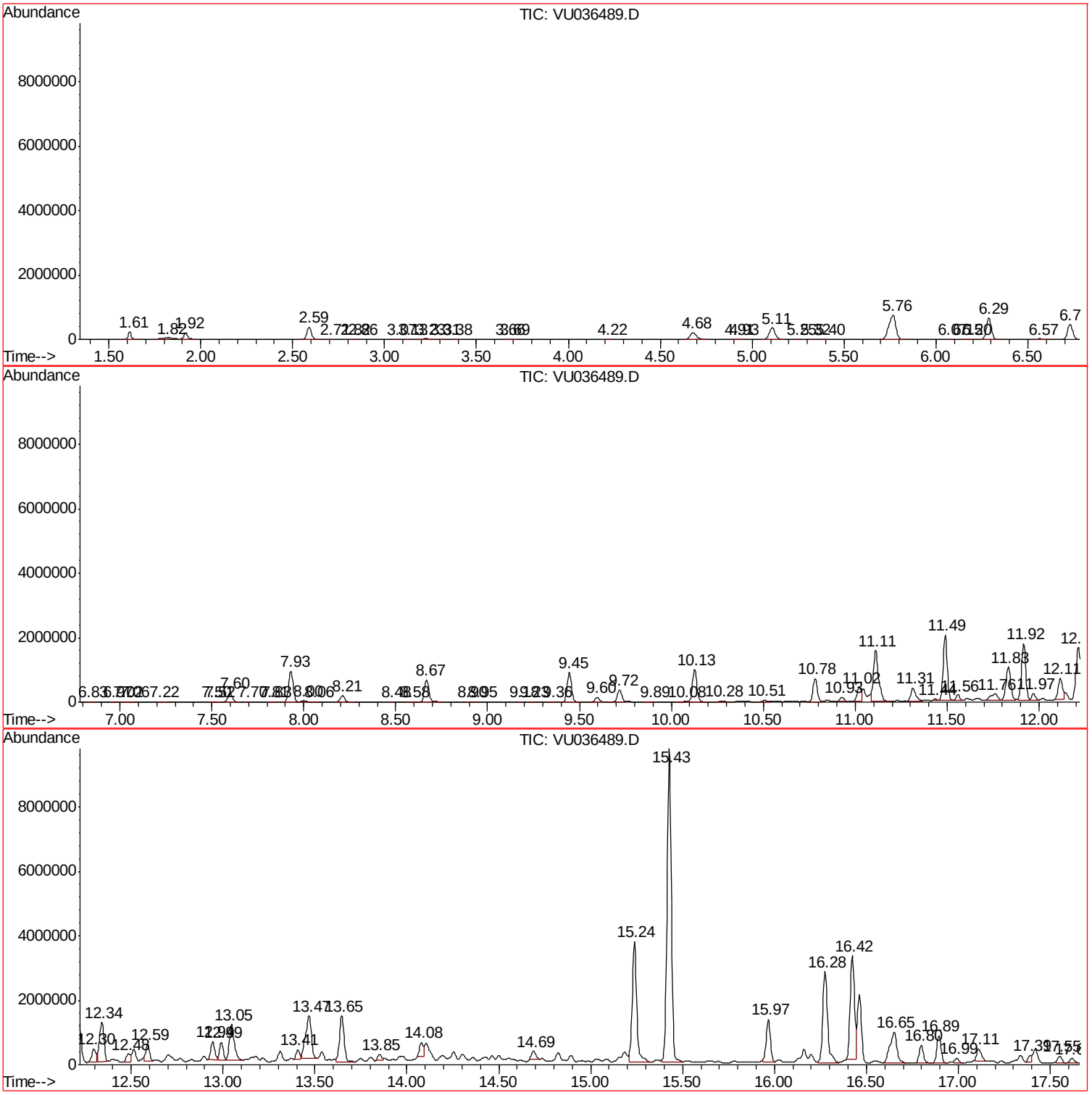
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

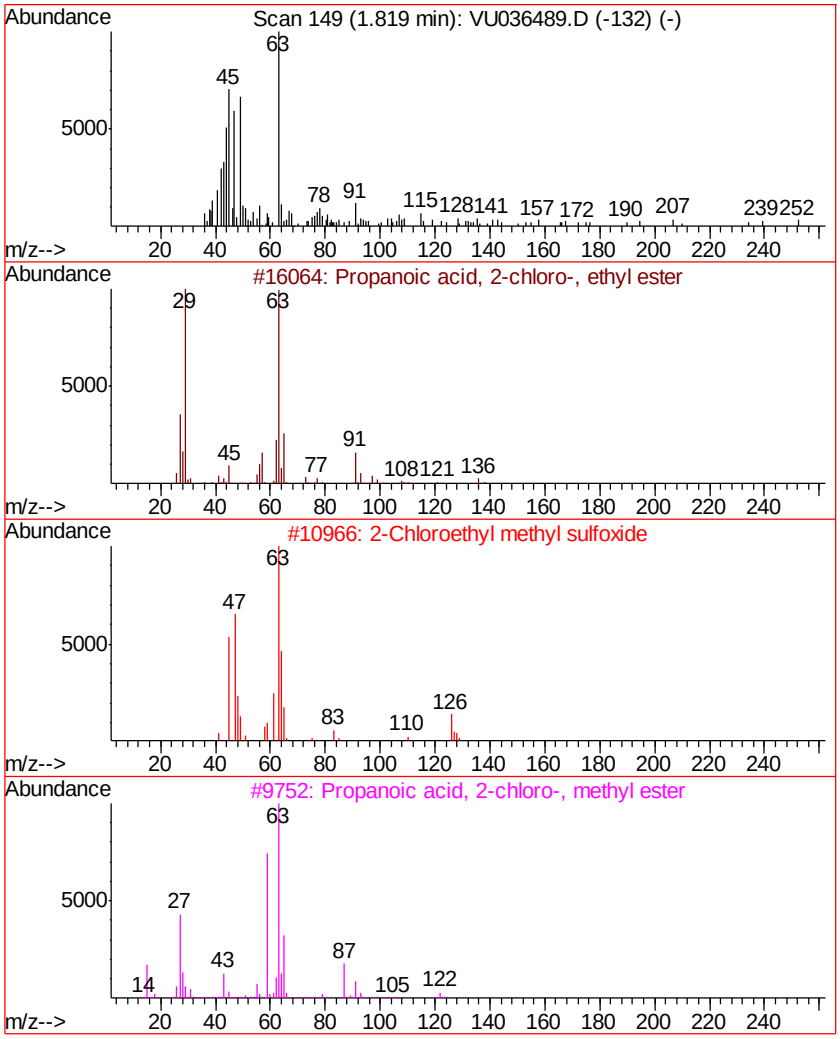
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

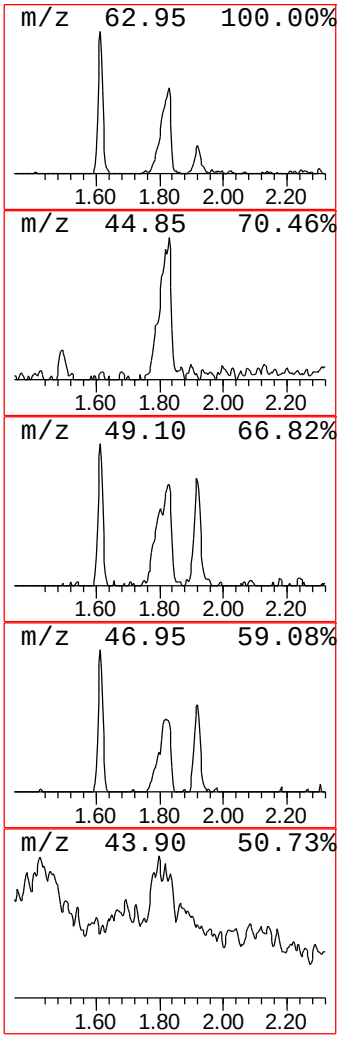
**********

Peak Number 1 unknown-01 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.82 | 3.35 ug/L | 83305 | 1,4-Difluorobenzene | 6.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-chloro-, ethyl... | 136 | C5H9ClO2 | 000535-13-7 | 38 |
| 2 | 2-Chloroethyl methyl sulfoxide | 126 | C3H7ClOS | 005331-57-7 | 33 |
| 3 | Propanoic acid, 2-chloro-, methy... | 122 | C4H7ClO2 | 017639-93-9 | 32 |
| 4 | Ethanesulfonyl chloride, 2-chloro- | 162 | C2H4Cl2O2S | 001622-32-8 | 32 |
| 5 | (S)-(-)-2-Chloropropionic acid | 108 | C3H5ClO2 | 029617-66-1 | 25 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

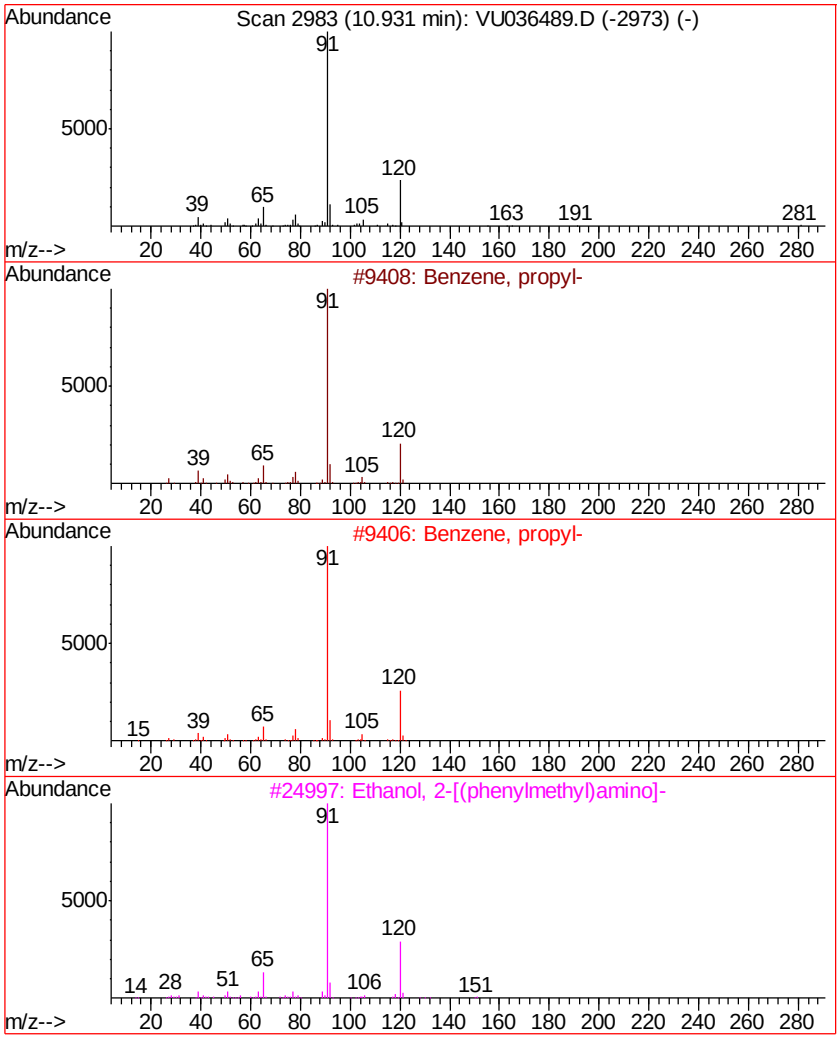
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

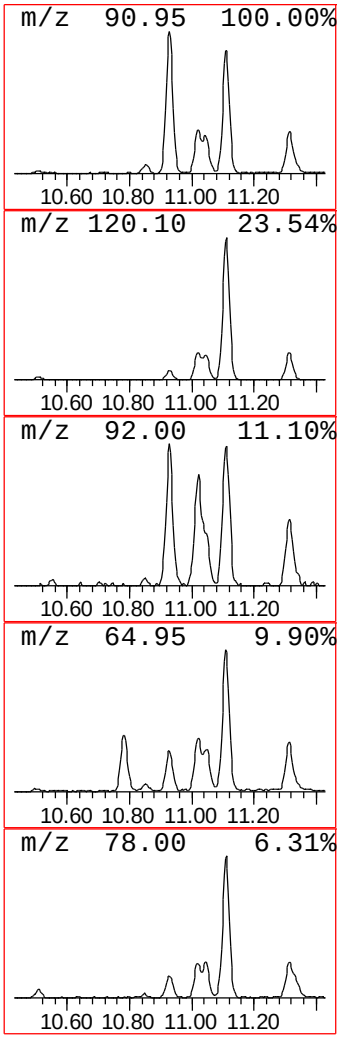
**********

Peak Number 3 Benzene, propyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.93 | 5.92 ug/L | 209043 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 3 | Ethanol, 2-[(phenylmethyl)amino]- | 151 | C9H13NO | 000104-63-2 | 72 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 53 |
| 5 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

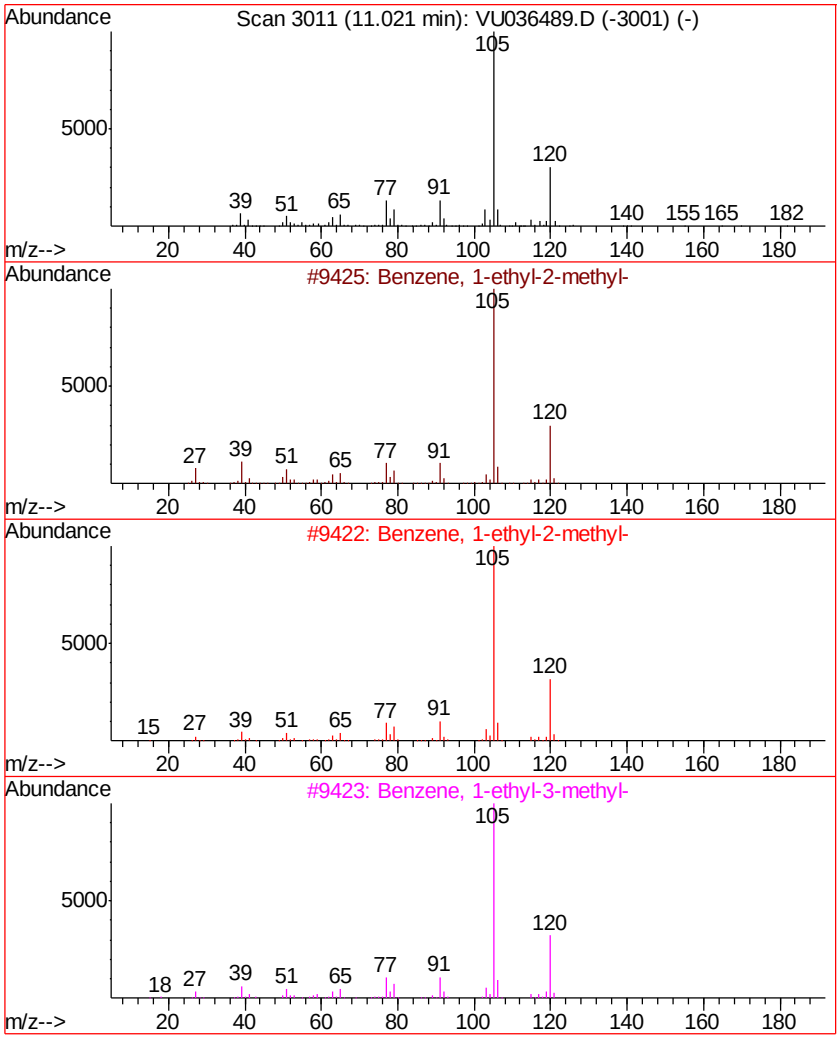
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

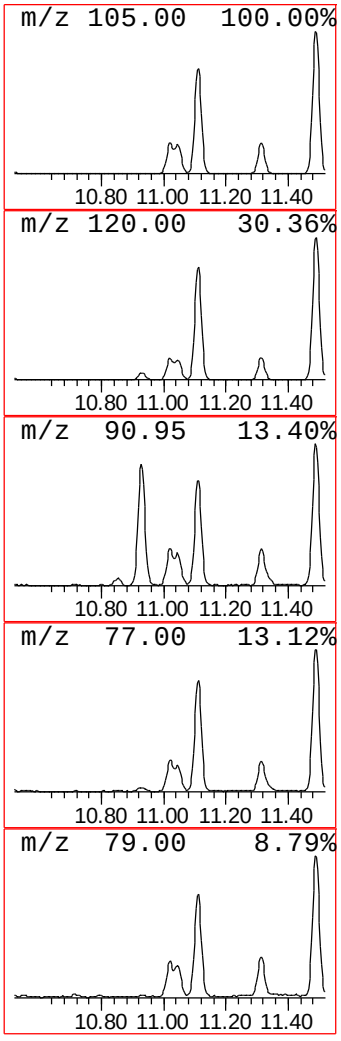
**********

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.02 | 19.04 ug/L | 671664 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

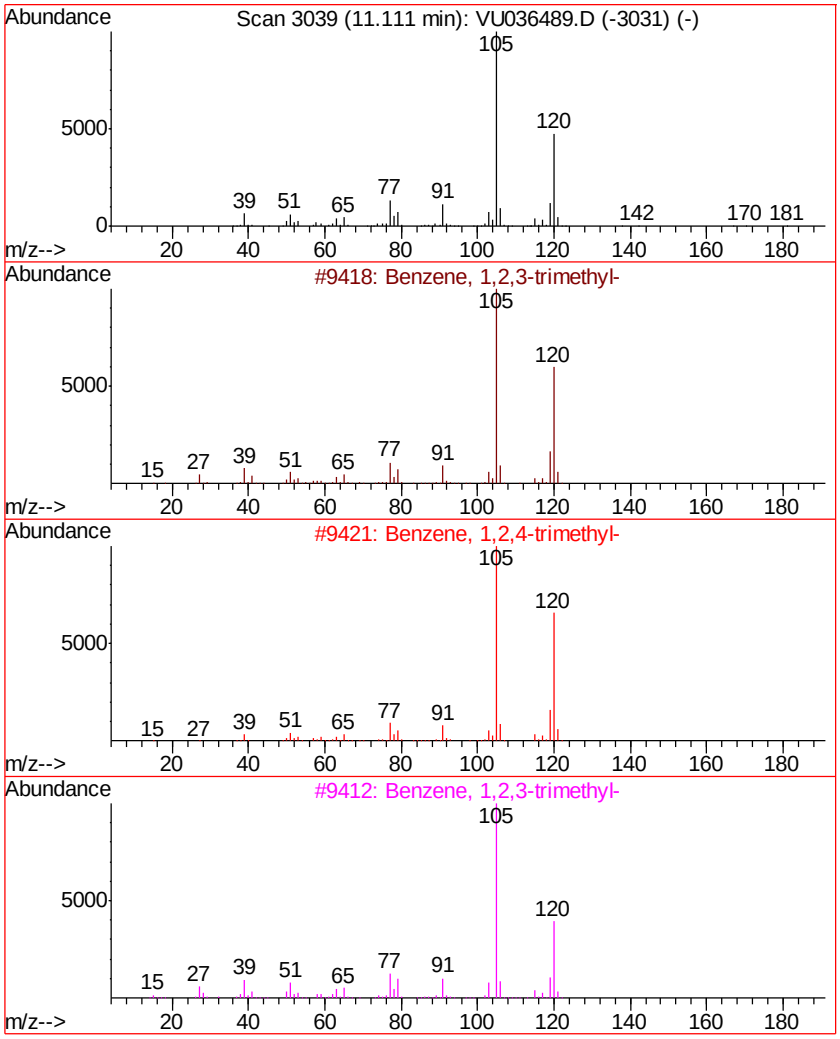
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

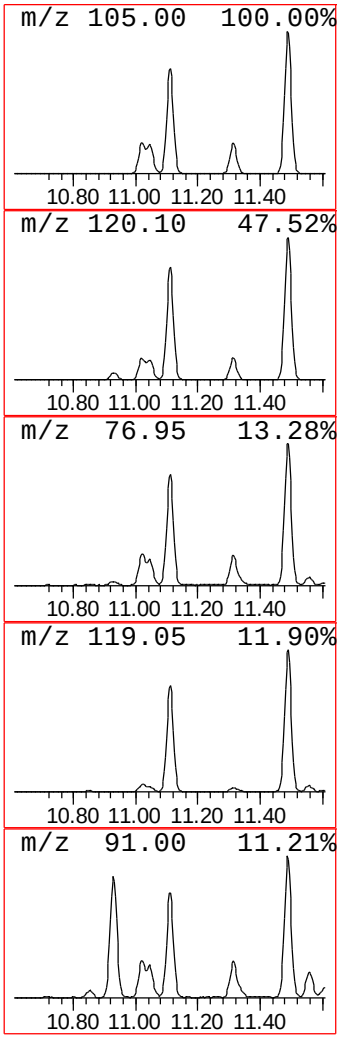
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.11 | 86.04 ug/L | 3035850 | 1,4-Dichlorobenzene-d4 | 11.83 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

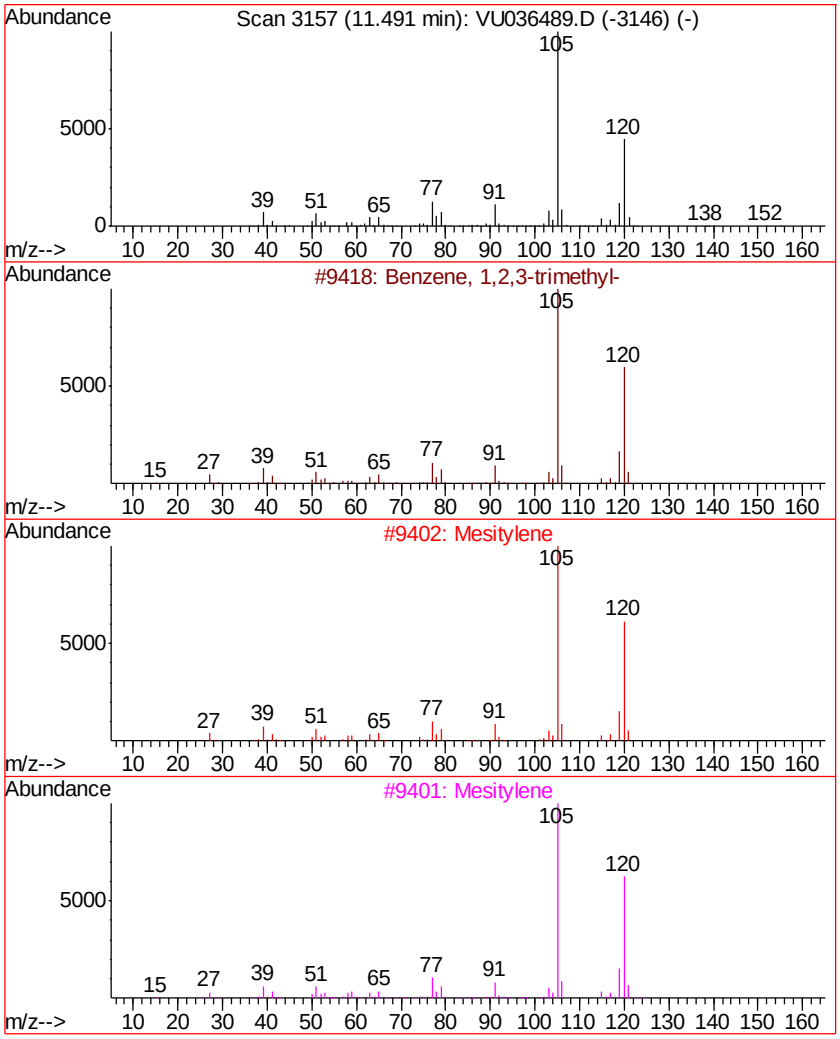
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

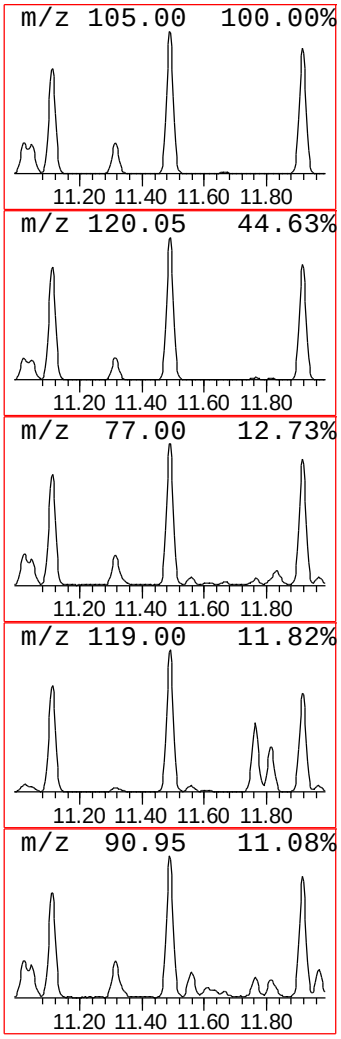
**********

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.49 | 88.35 ug/L | 3117440 | 1,4-Dichlorobenzene-d4 | 11.83 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

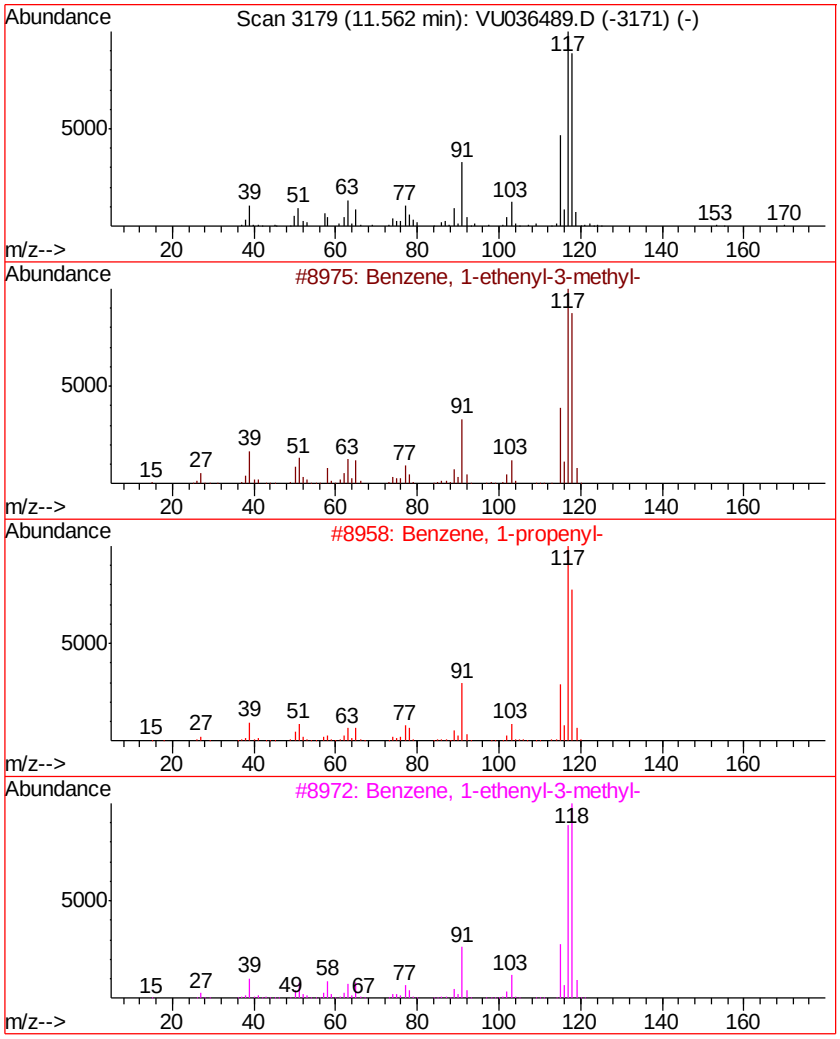
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

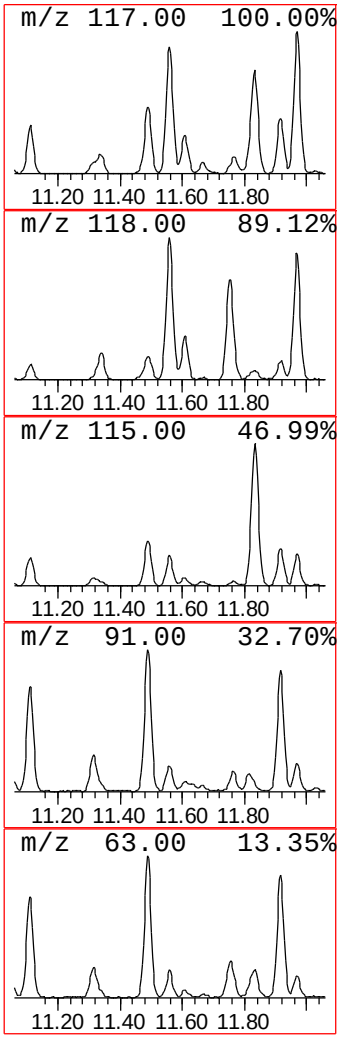
**********

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.56 | 7.00 ug/L | 246983 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 2 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 94 |
| 3 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 94 |
| 4 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 94 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

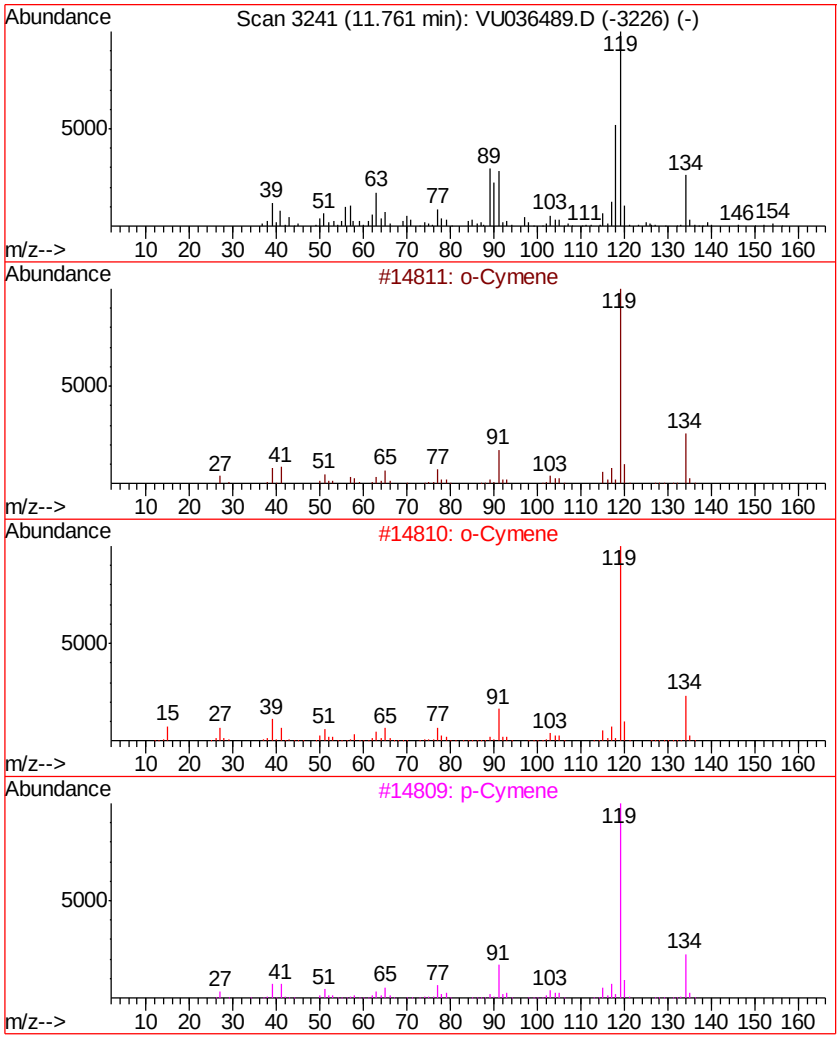
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

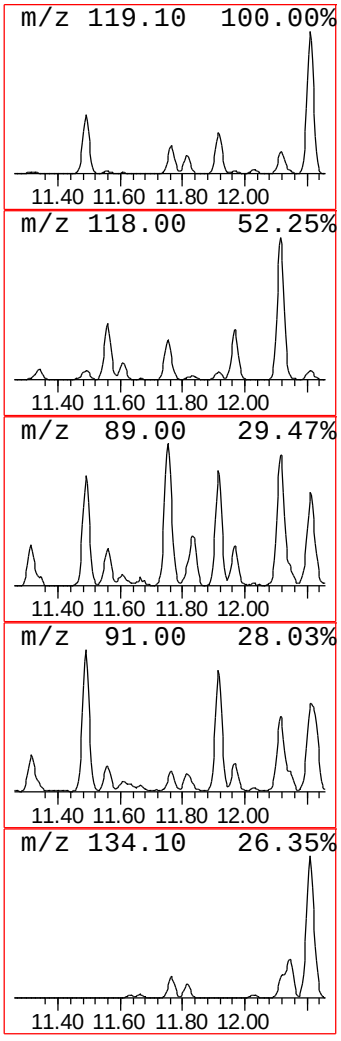
**********

Peak Number 9 o-Cymene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.76 | 13.75 ug/L | 485069 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

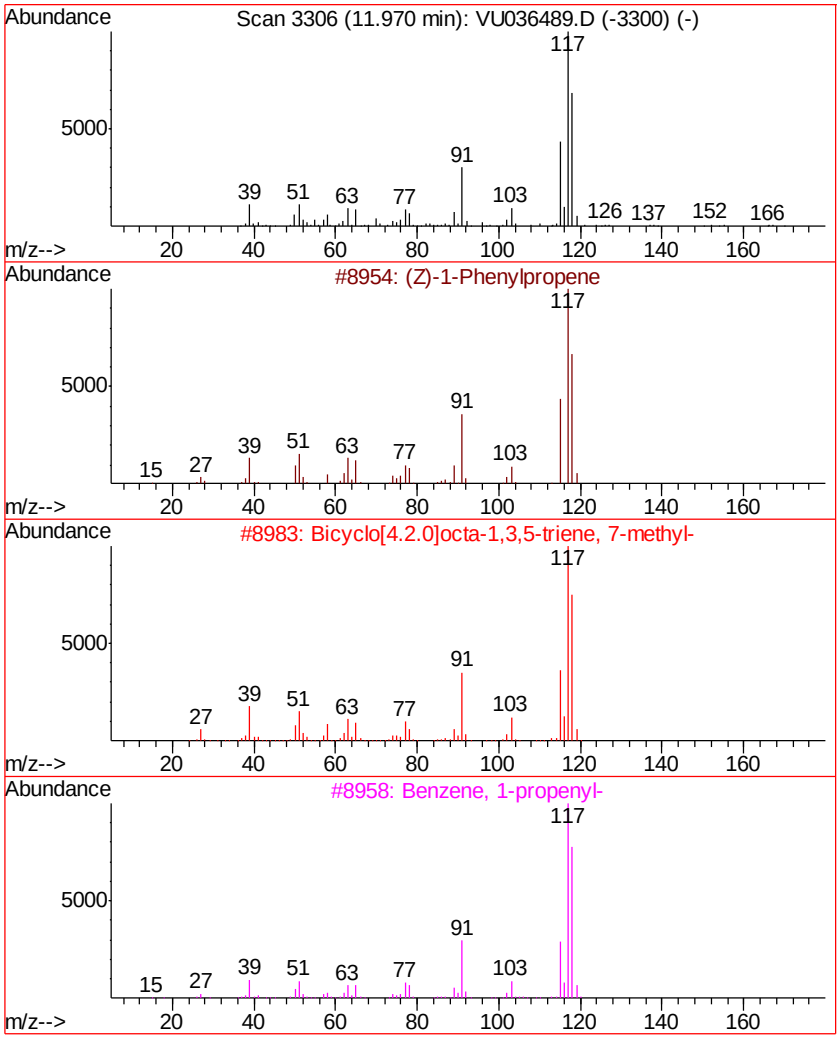
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

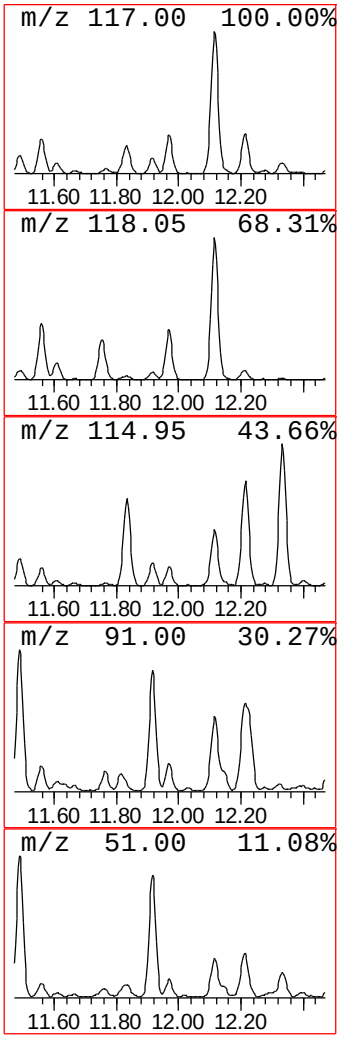
**********

Peak Number 11 (Z)-1-Phenylpropene Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.97 | 7.62 ug/L | 268919 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 93 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 118 | C9H10 | 055337-80-9 | 93 |
| 3 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 92 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 90 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 89 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

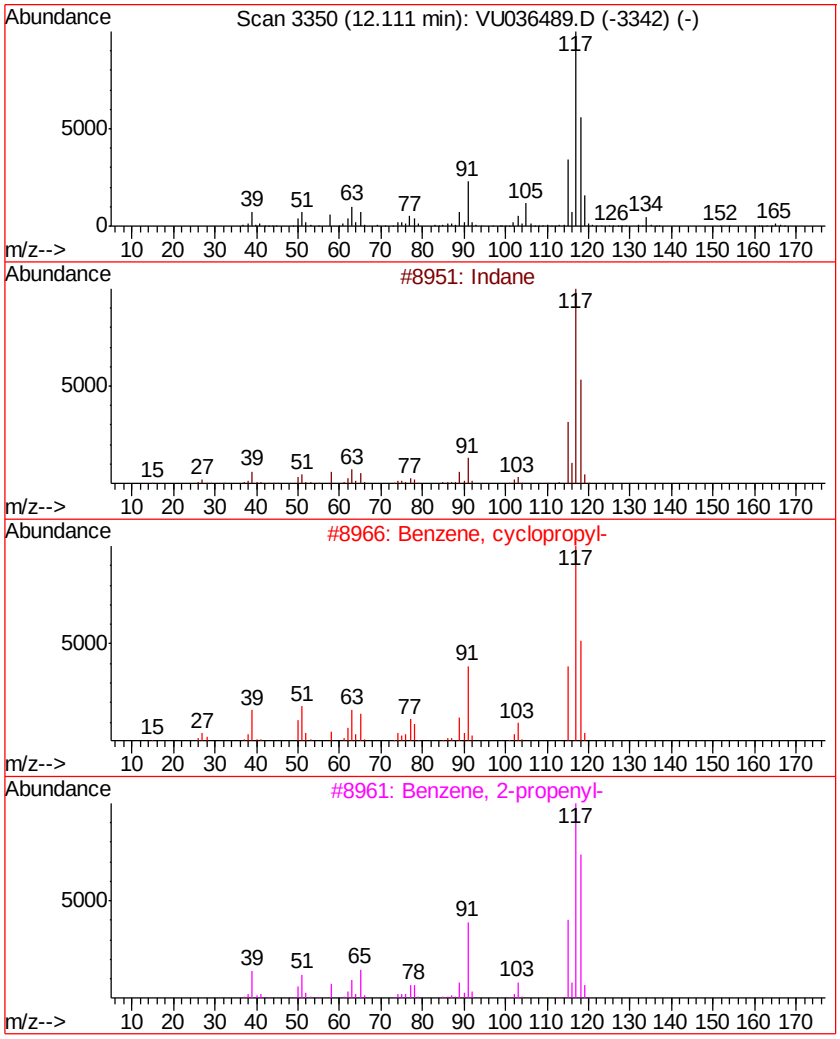
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

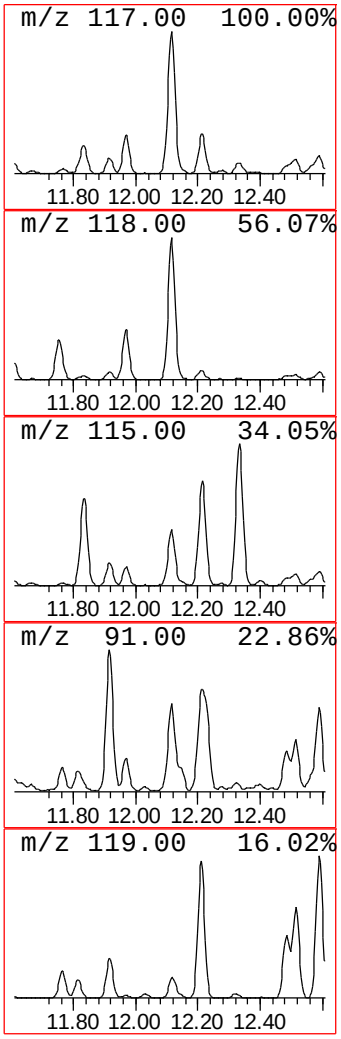
**********

Peak Number 12 Indane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.11 | 30.94 ug/L | 1091820 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

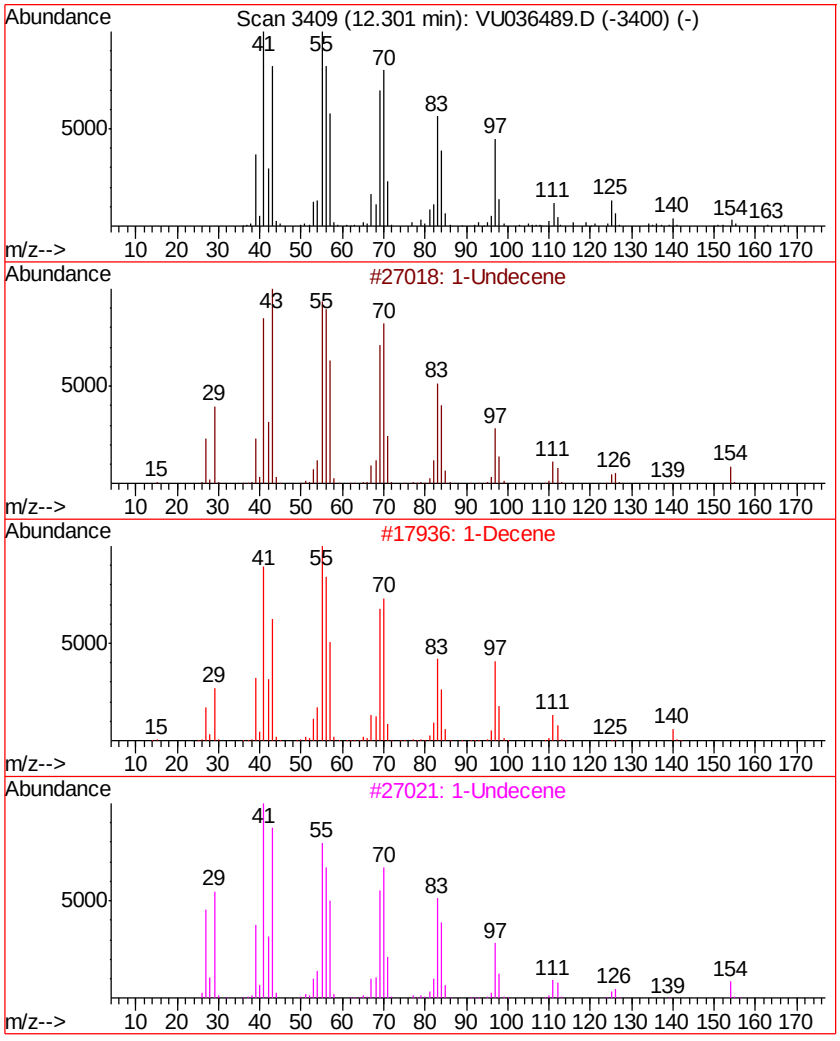
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

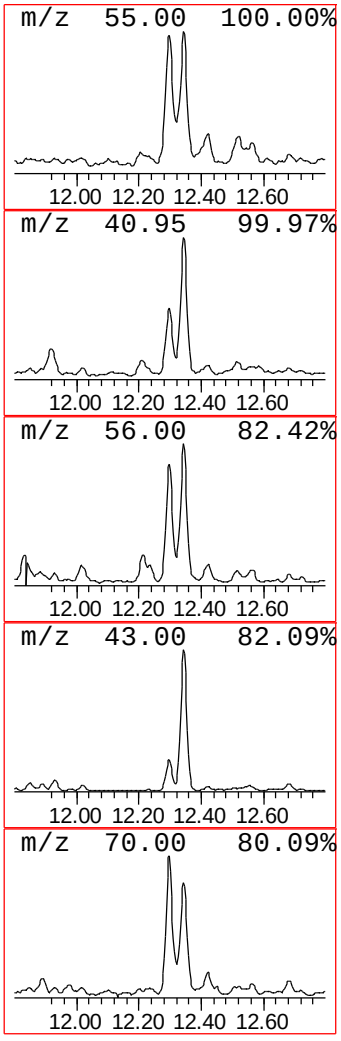
**********

Peak Number 13 (DEL) Alkane: Cyclic12.30 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.30 | 17.05 ug/L | 601428 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Undecene | 154 | C11H22 | 000821-95-4 | 93 |
| 2 | 1-Decene | 140 | C10H20 | 000872-05-9 | 91 |
| 3 | 1-Undecene | 154 | C11H22 | 000821-95-4 | 91 |
| 4 | 1-Nonene | 126 | C9H18 | 000124-11-8 | 89 |
| 5 | E-11,13-Tetradecadien-1-ol | 210 | C14H26O | 1000131-00-3 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

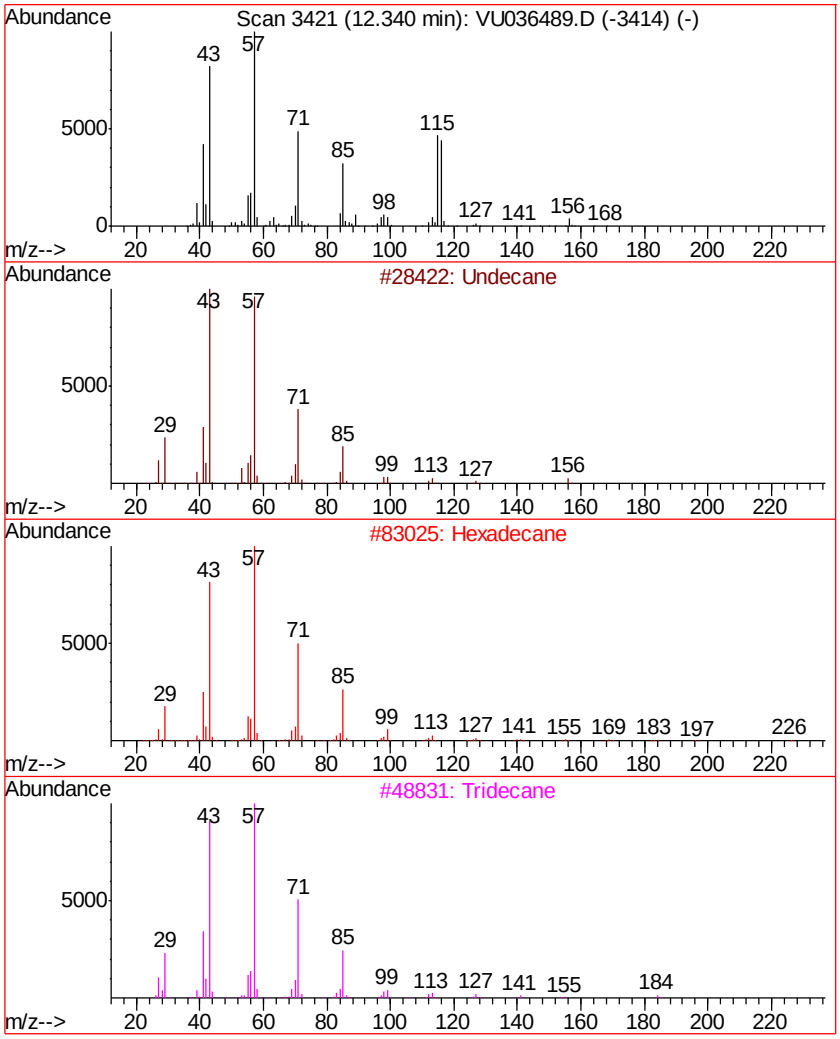
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

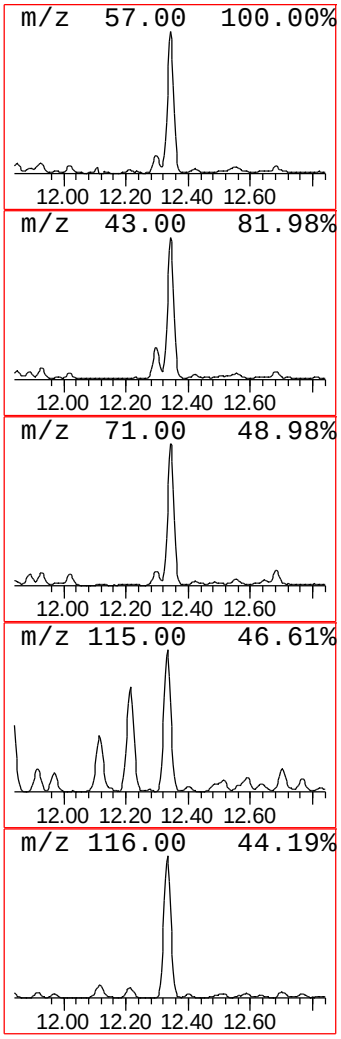
**********

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.34 | 57.51 ug/L | 2029150 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 55 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 43 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 38 |
| 4 | Undecane | 156 | C11H24 | 001120-21-4 | 38 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

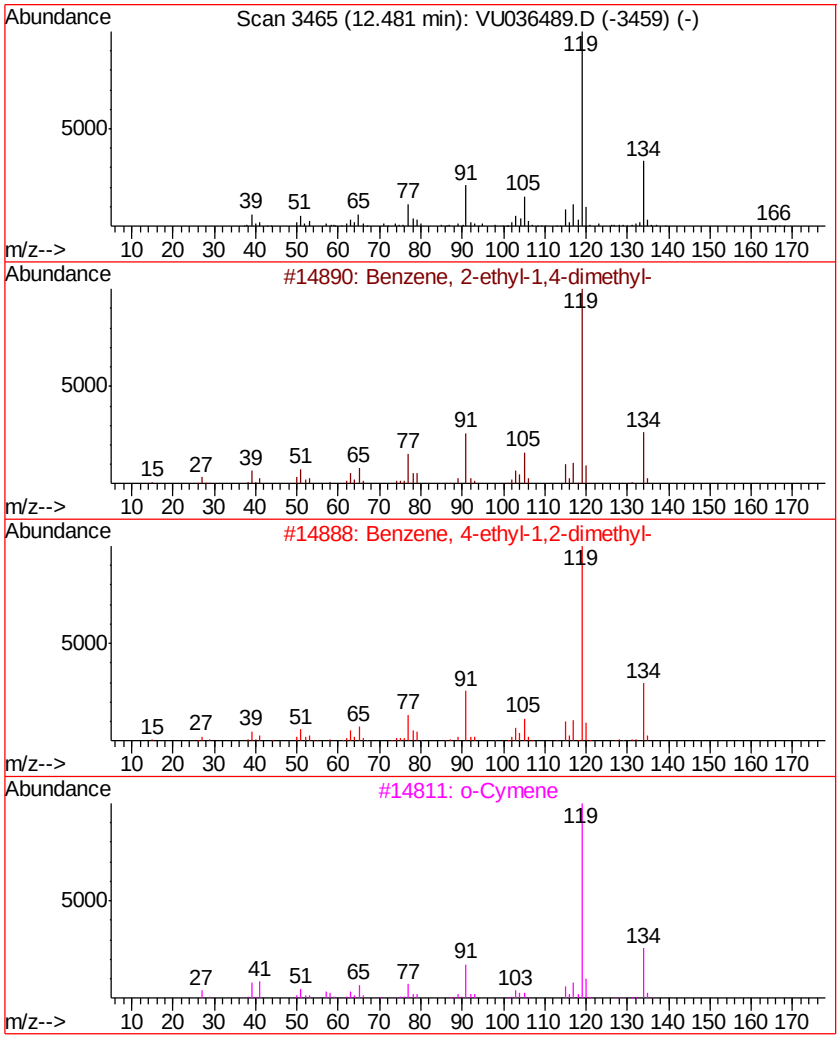
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

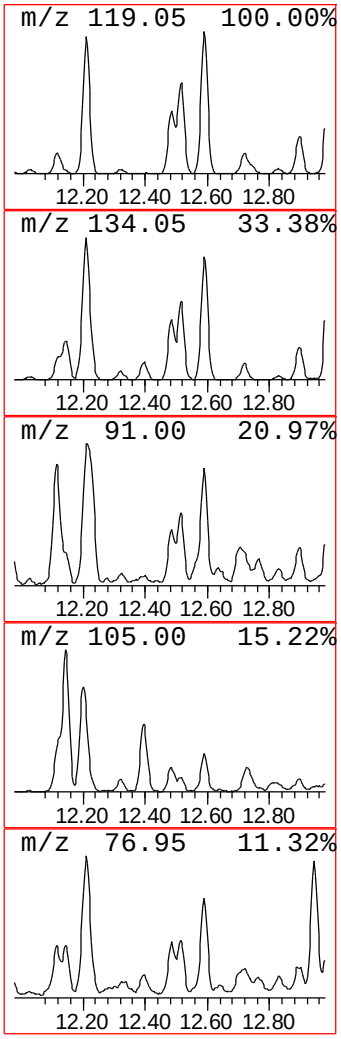
**********

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.48 | 10.68 ug/L | 376942 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

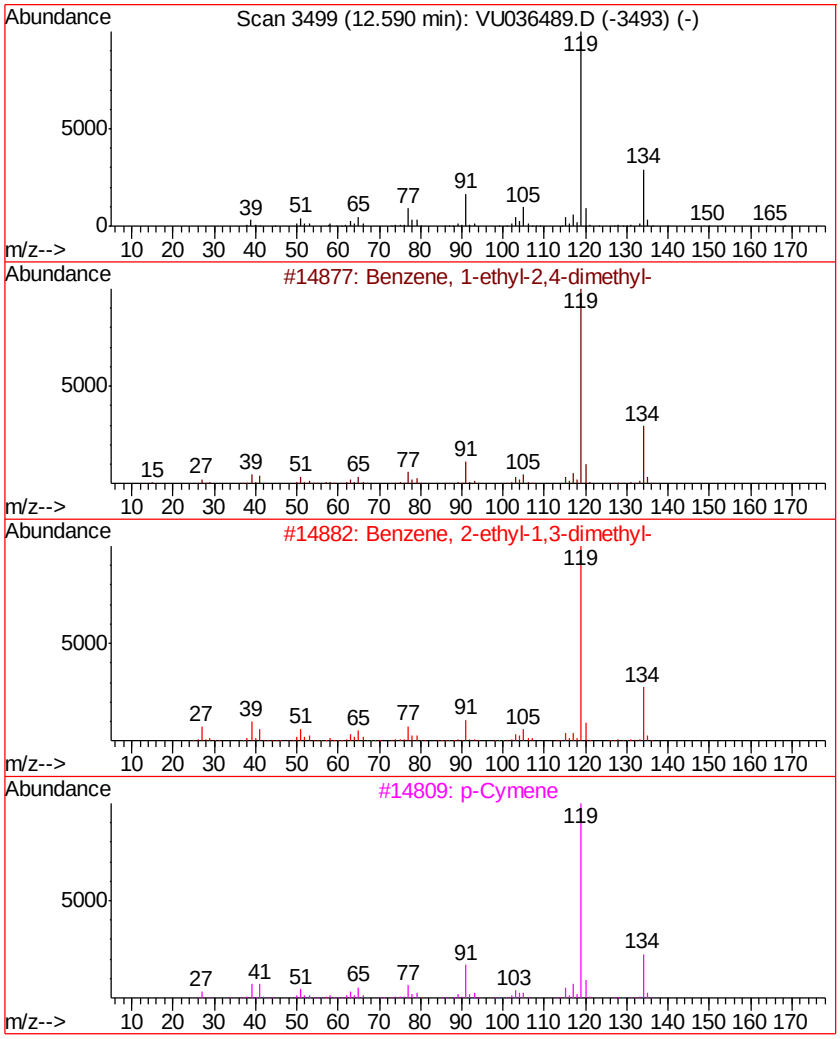
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

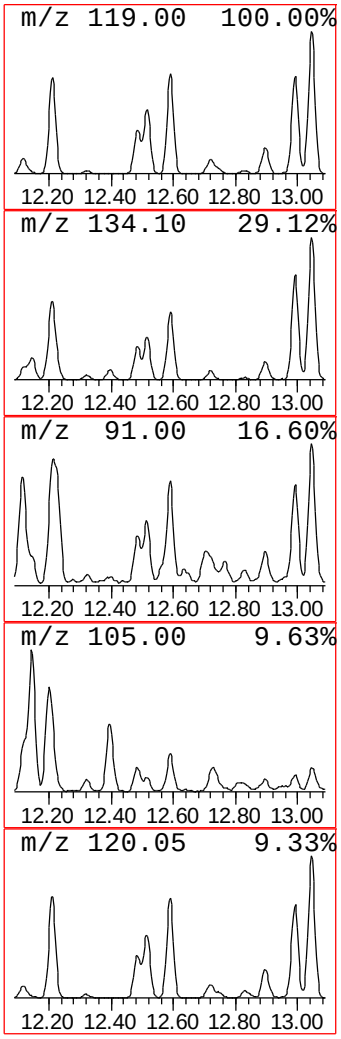
**********

Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.59 | 20.64 ug/L | 728397 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

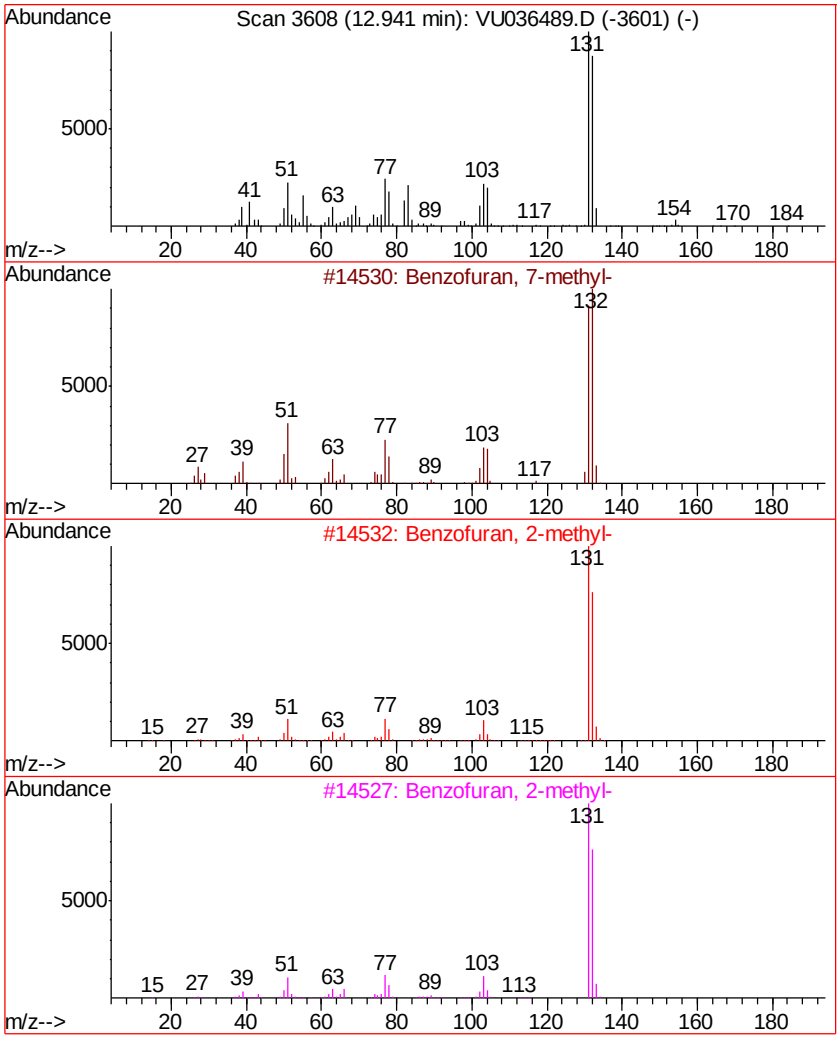
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

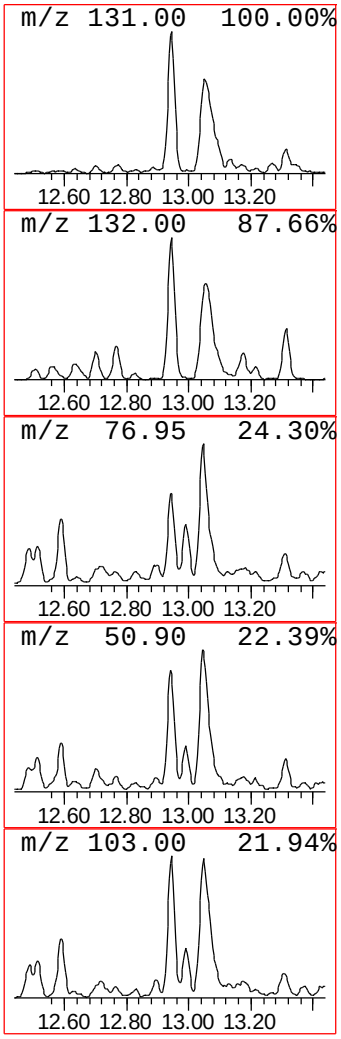
**********

Peak Number 17 Benzofuran, 7-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.94 | 24.06 ug/L | 848987 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 93 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 87 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 87 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 87 |
| 5 | 1H-Indenol | 132 | C9H8O | 056631-57-3 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

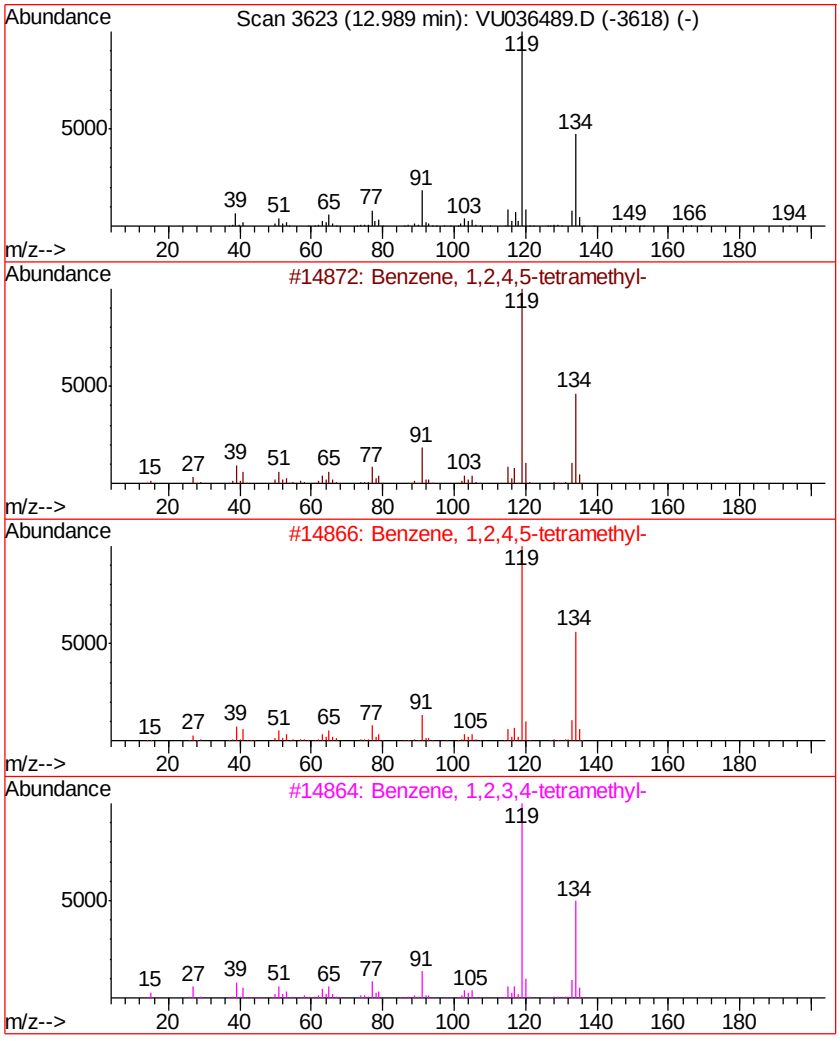
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

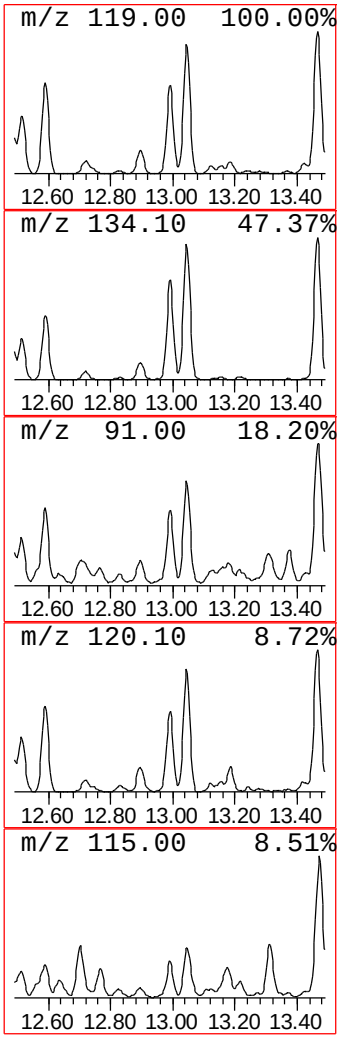
**********

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.99 | 20.79 ug/L | 733721 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

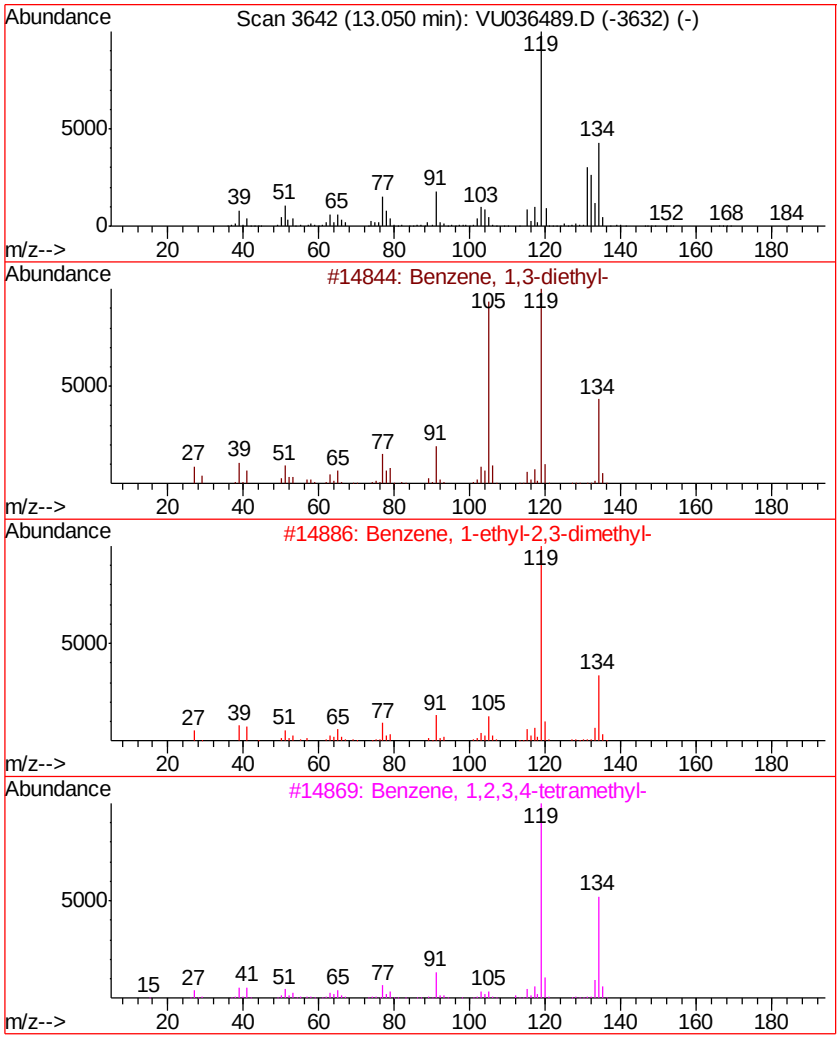
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

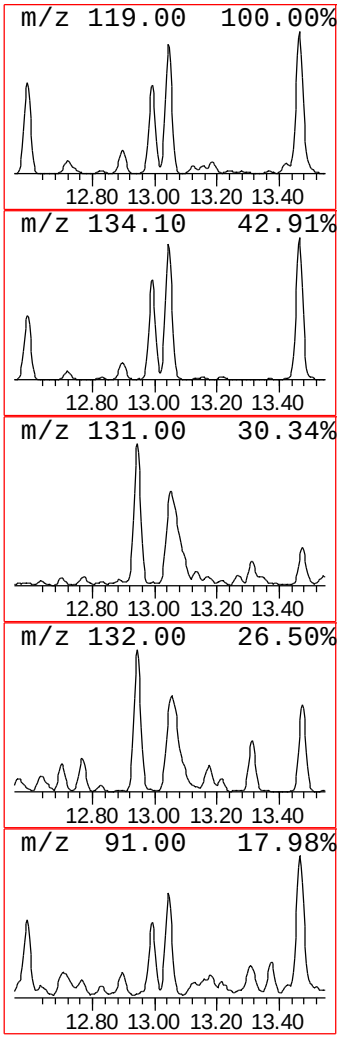
**********

Peak Number 19 Benzene, 1,3-diethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.05 | 57.43 ug/L | 2026380 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 93 |
| 2 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 81 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 76 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 76 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

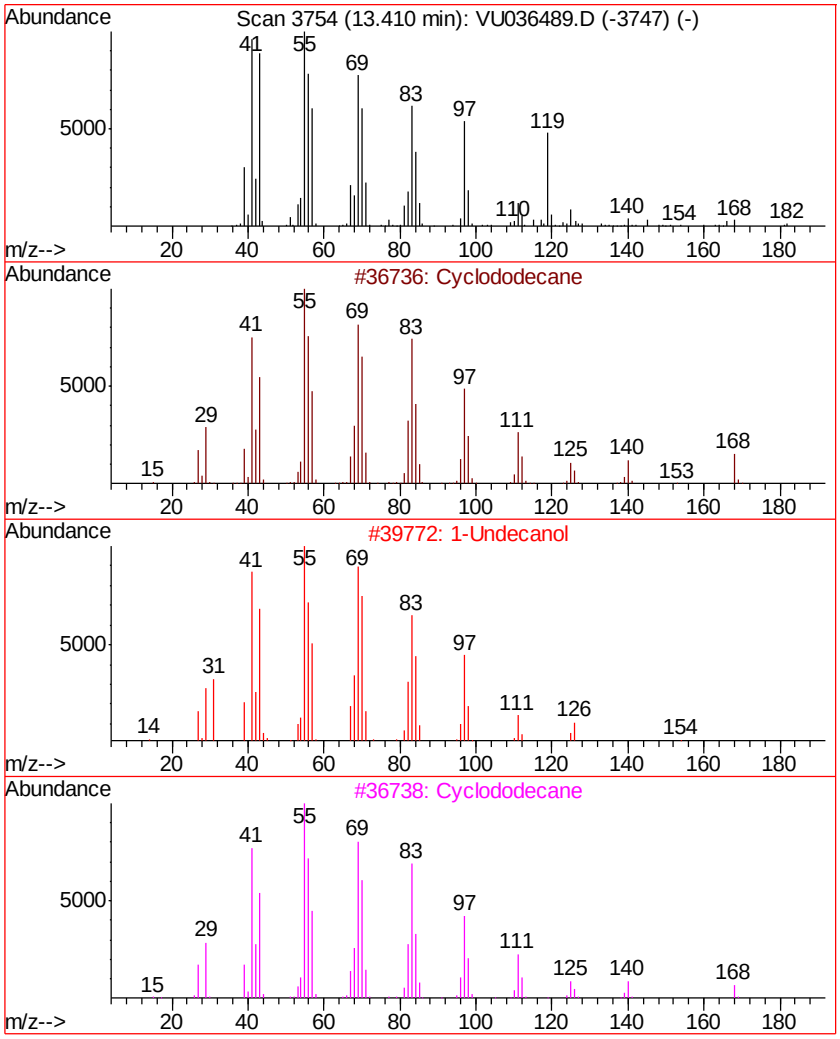
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

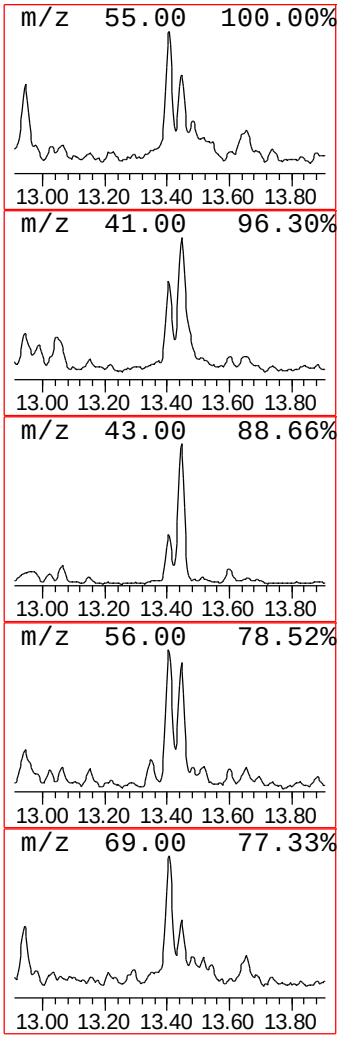
**********

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.41 | 10.53 ug/L | 371701 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclododecane | 168 | C12H24 | 000294-62-2 | 93 |
| 2 | 1-Undecanol | 172 | C11H24O | 000112-42-5 | 91 |
| 3 | Cyclododecane | 168 | C12H24 | 000294-62-2 | 87 |
| 4 | 4-Dodecene, (E)- | 168 | C12H24 | 007206-15-7 | 87 |
| 5 | 1-Dodecanol | 186 | C12H26O | 000112-53-8 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

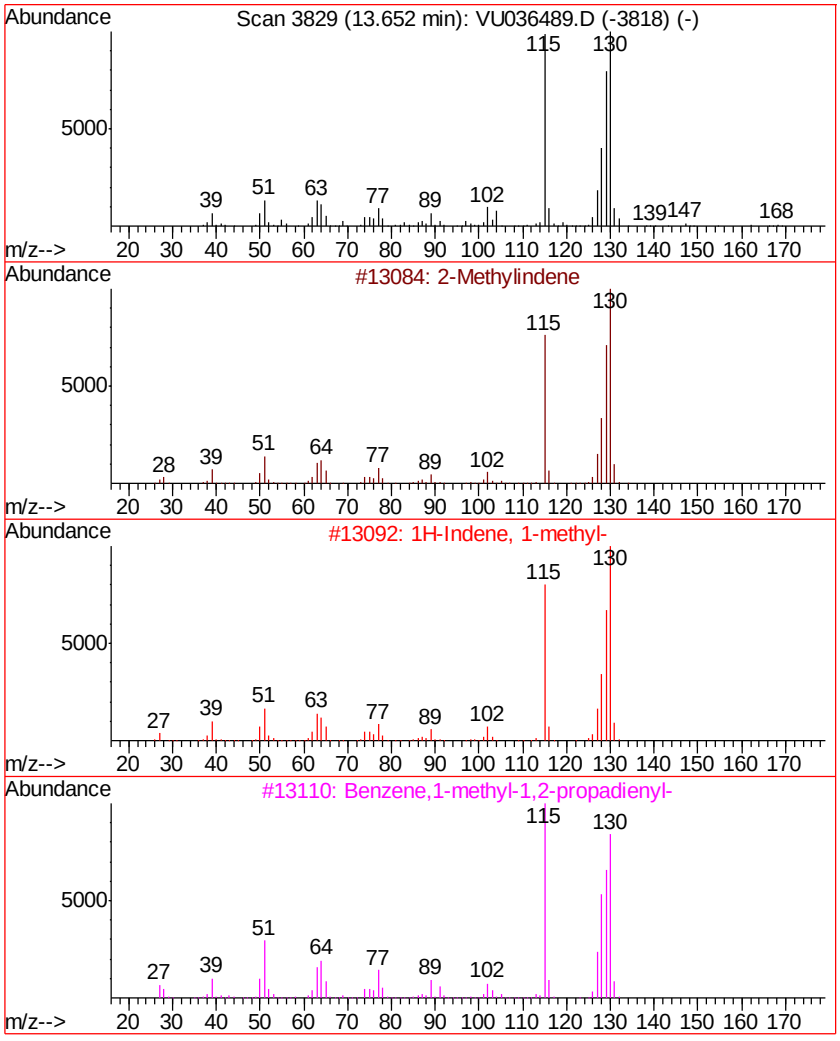
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

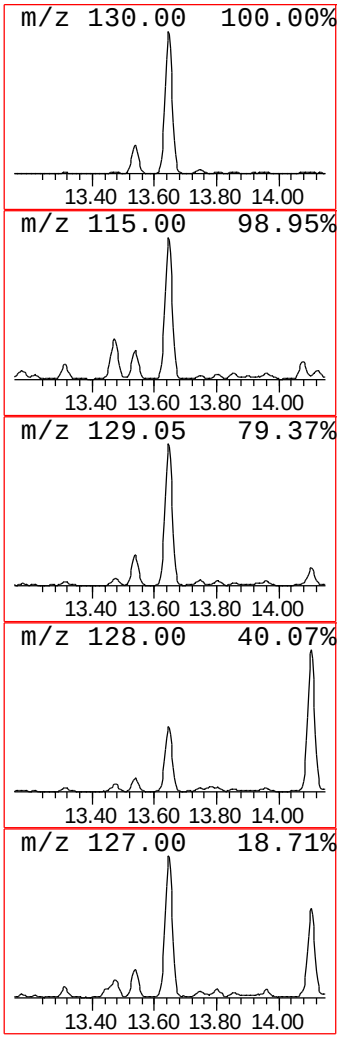
**********

Peak Number 22 2-Methylindene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.65 | 70.22 ug/L | 2477690 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 96 |
| 2 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 96 |
| 3 | Benzene,1-methyl-1,2-propadienyl- | 130 | C10H10 | 022433-39-2 | 96 |
| 4 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 95 |
| 5 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

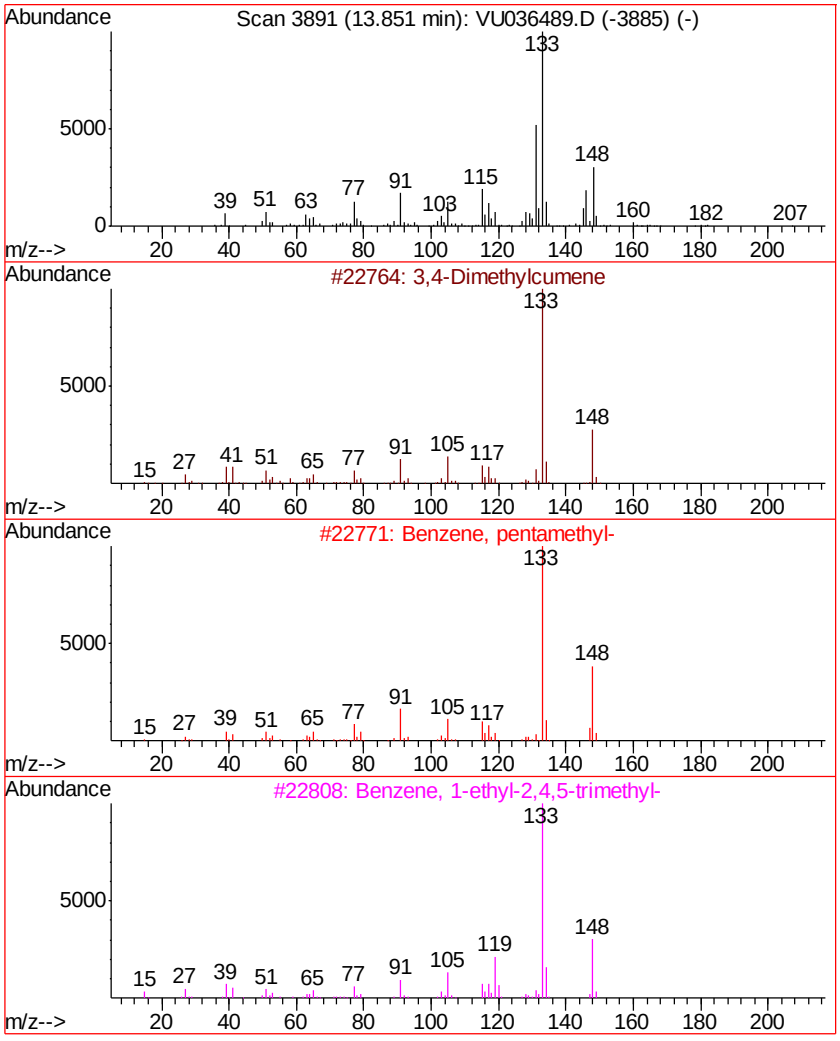
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

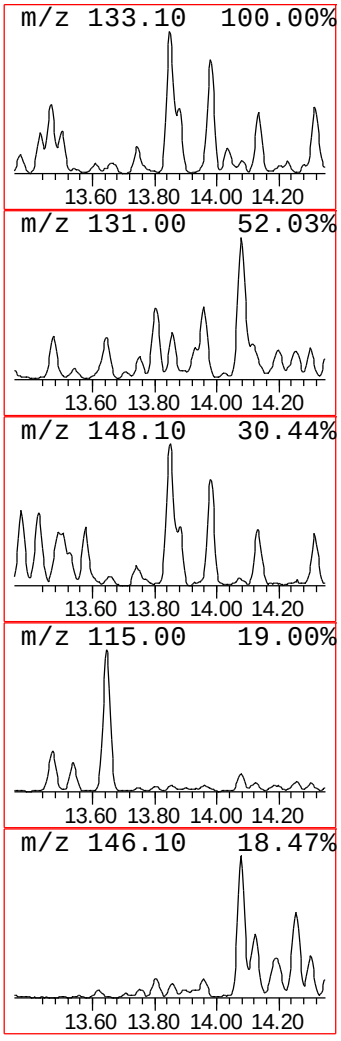
**********

Peak Number 23 3,4-Dimethylcumene Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.85 | 7.99 ug/L | 282092 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 64 |
| 2 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 60 |
| 3 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 58 |
| 4 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 53 |
| 5 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

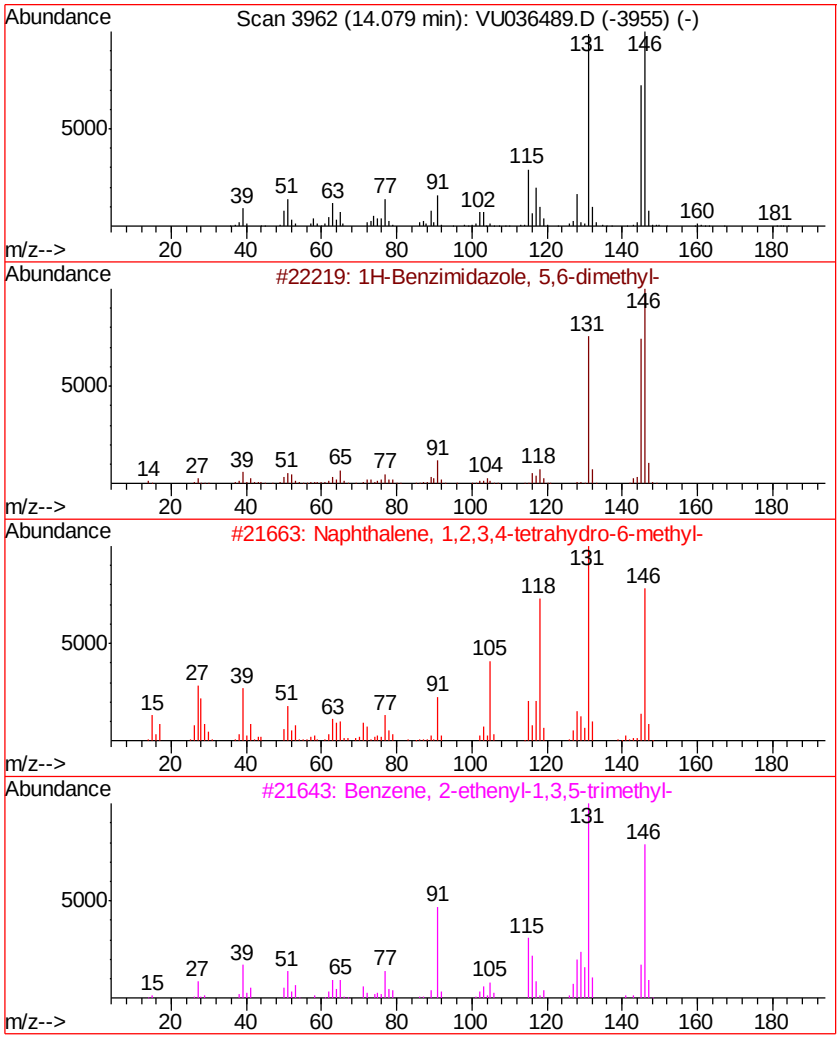
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

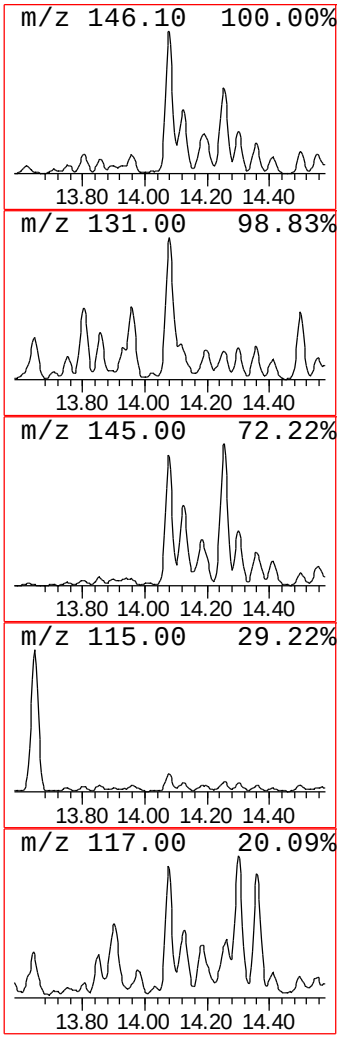
**********

Peak Number 24 1H-Benzimidazole, 5,6-dimet... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.08 | 18.54 ug/L | 654070 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Benzimidazole, 5,6-dimethyl- | 146 | C9H10N2 | 000582-60-5 | 74 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 74 |
| 3 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 72 |
| 4 | 1H-Indazole, 5,7-dimethyl- | 146 | C9H10N2 | 043067-41-0 | 64 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

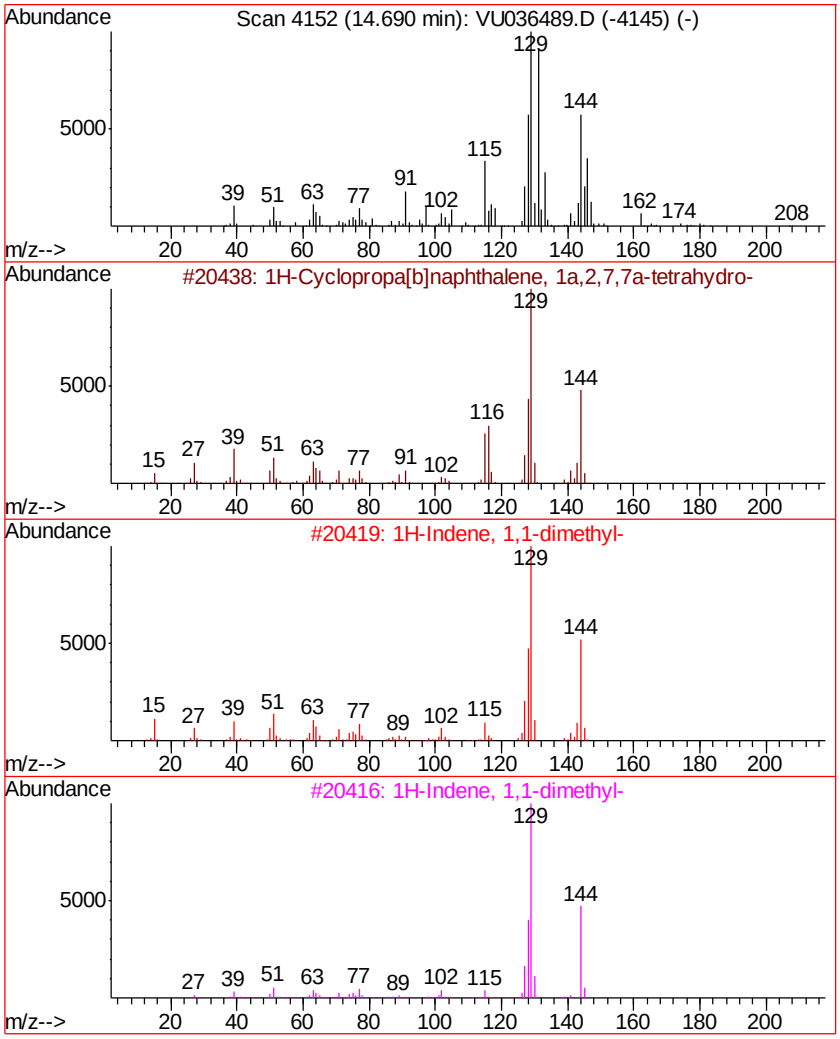
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

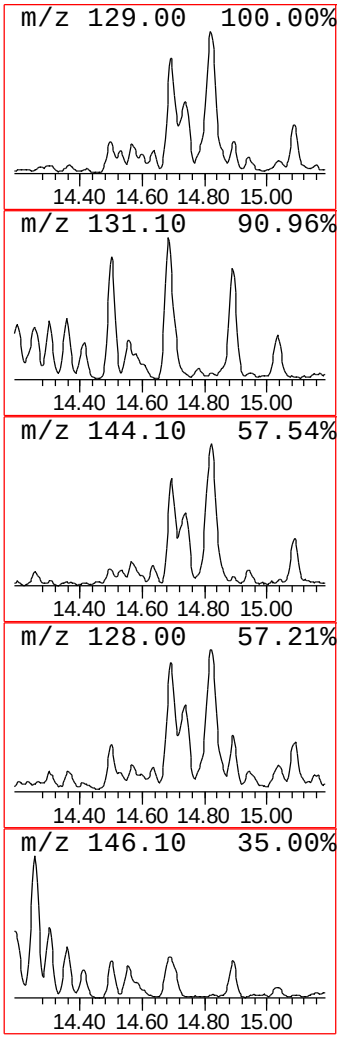
**********

Peak Number 25 1H-Cyclopropa[b]naphthalene... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.69 | 11.61 ug/L | 409670 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[b]naphthalene, 1a,... | 144 | C11H12 | 006571-72-8 | 70 |
| 2 | 1H-Indene, 1,1-dimethyl- | 144 | C11H12 | 018636-55-0 | 70 |
| 3 | 1H-Indene, 1,1-dimethyl- | 144 | C11H12 | 018636-55-0 | 55 |
| 4 | 1H-Indene, 2,3-dimethyl- | 144 | C11H12 | 004773-82-4 | 55 |
| 5 | 1H-Indene, 1,3-dimethyl- | 144 | C11H12 | 002177-48-2 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

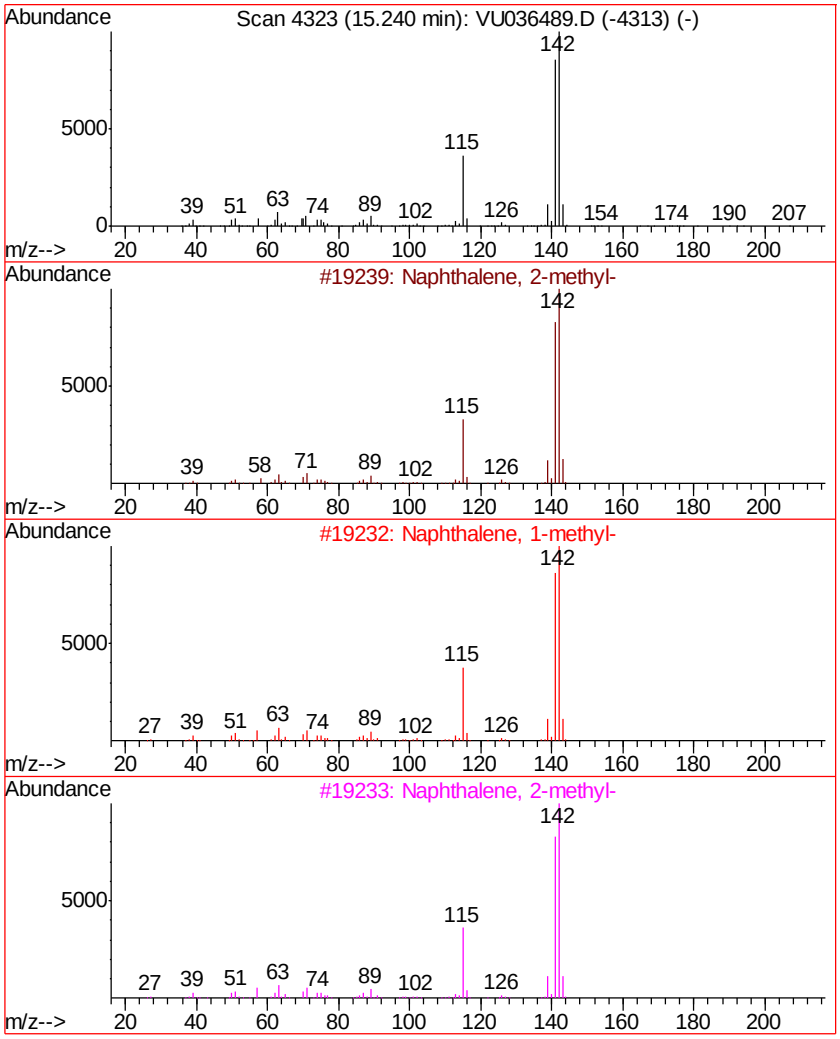
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

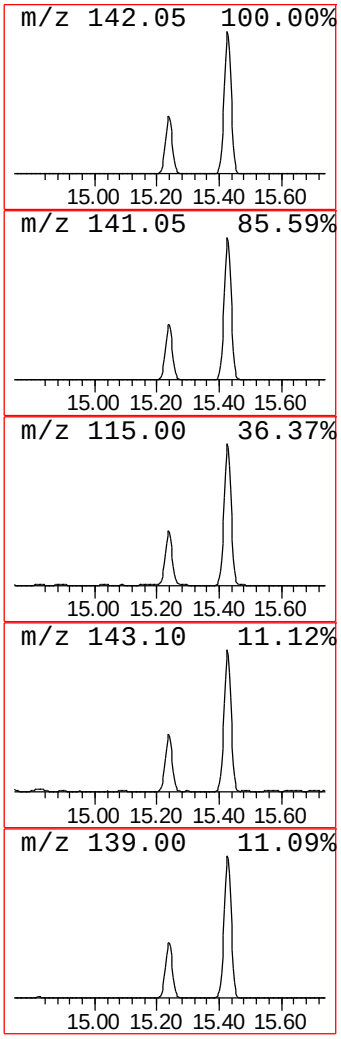
**********

Peak Number 26 Naphthalene, 2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.24 | 182.82 ug/L | 6450610 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 5 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

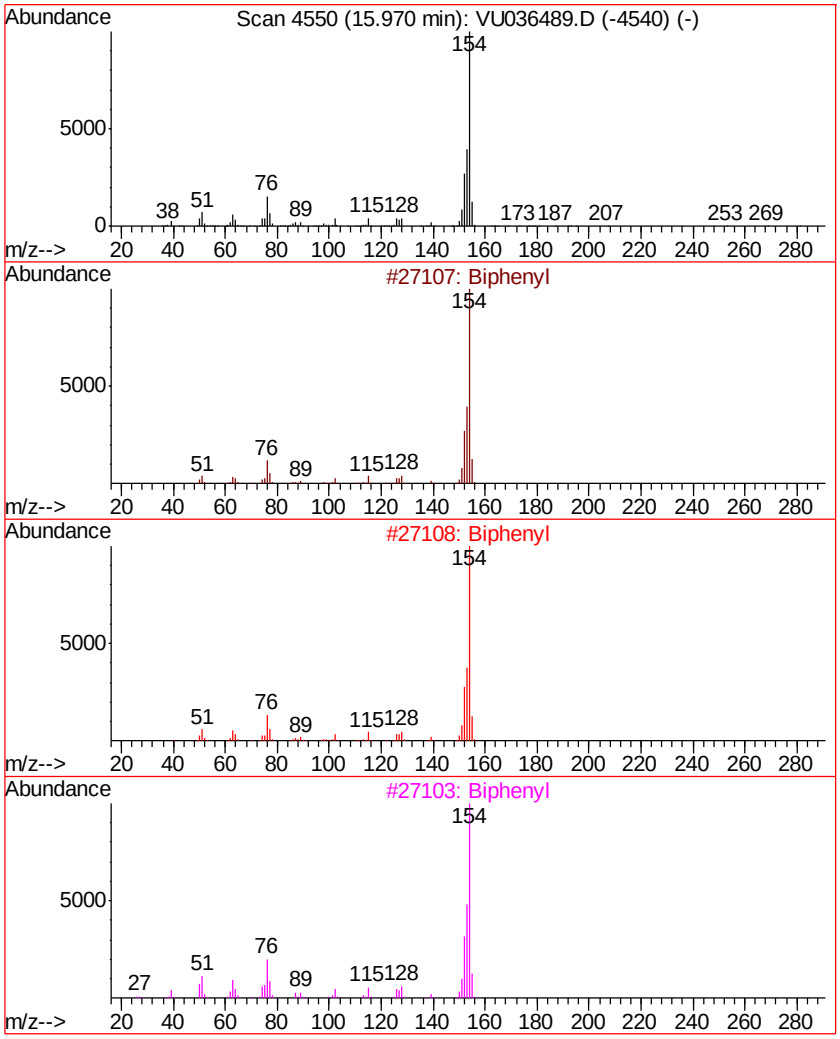
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

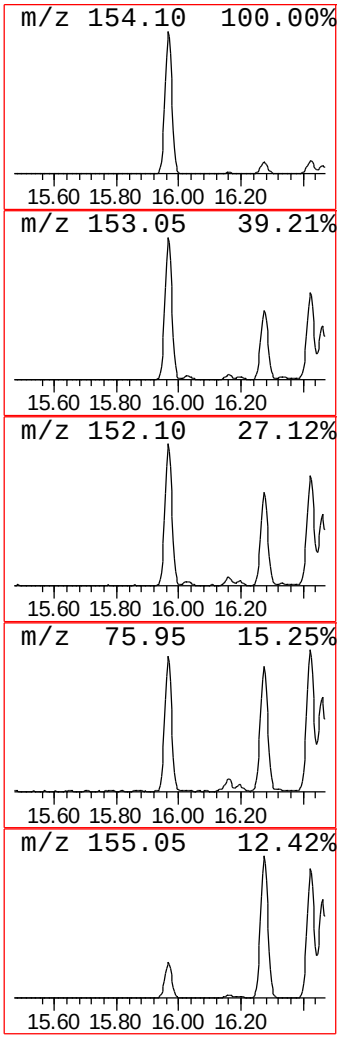
**********

Peak Number 28 Biphenyl Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.97 | 59.48 ug/L | 2098830 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Biphenyl | 154 | C12H10 | 000092-52-4 | 95 |
| 2 | Biphenyl | 154 | C12H10 | 000092-52-4 | 95 |
| 3 | Biphenyl | 154 | C12H10 | 000092-52-4 | 93 |
| 4 | Biphenyl | 154 | C12H10 | 000092-52-4 | 93 |
| 5 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

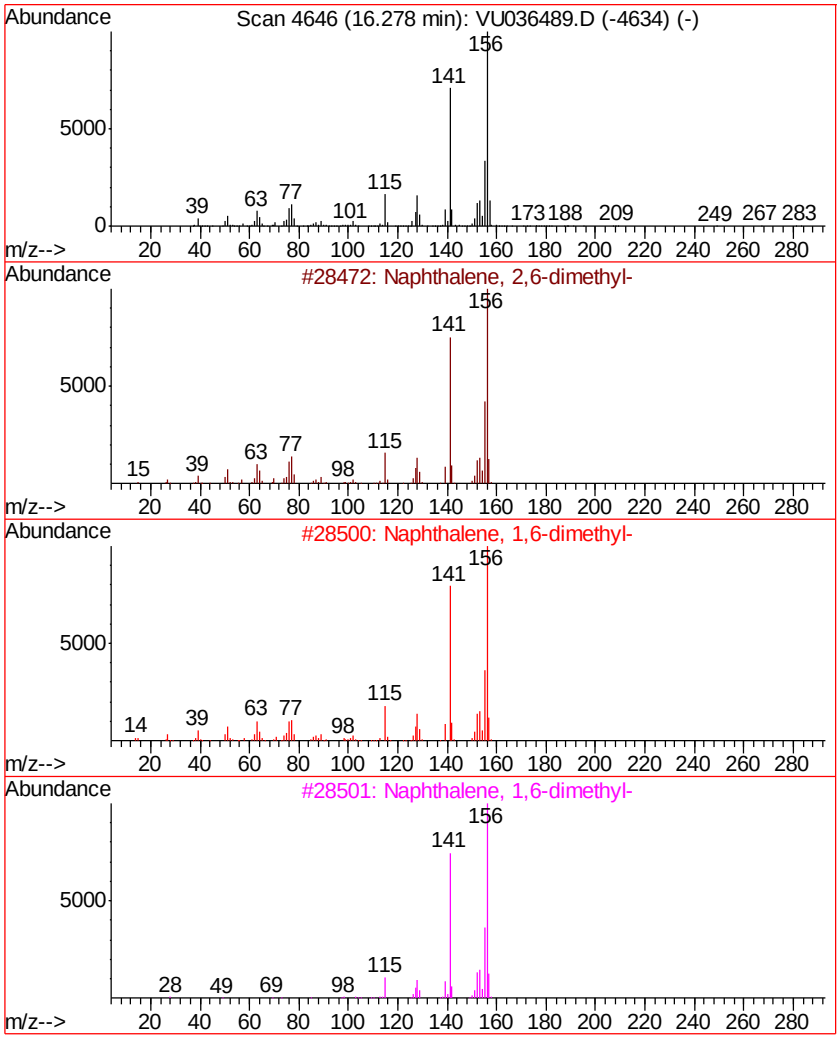
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

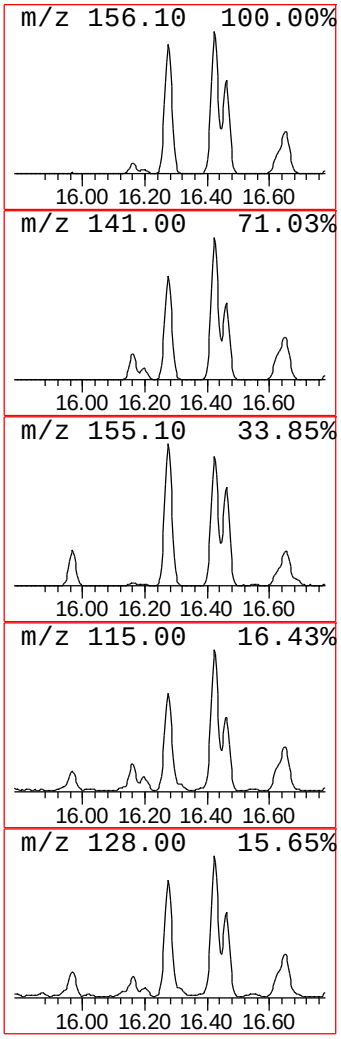
**********

Peak Number 29 Naphthalene, 2,6-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.28 | 144.37 ug/L | 5093970 | 1,4-Dichlorobenzene-d4 | 11.83 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

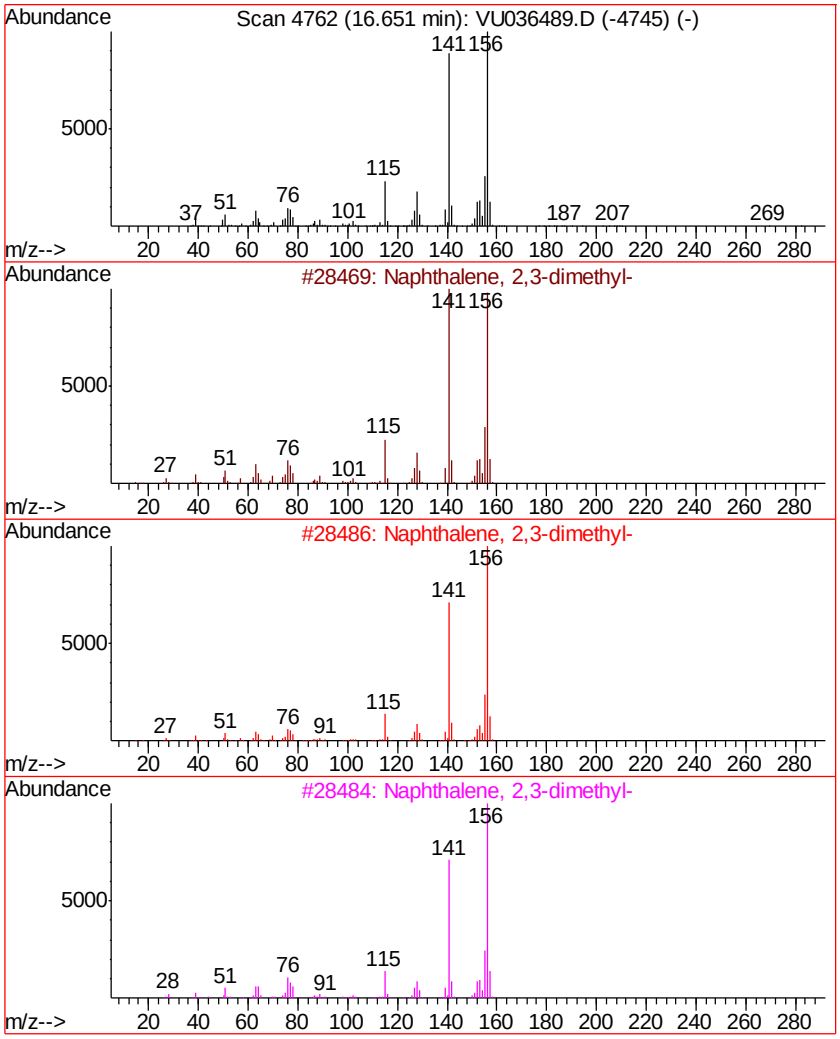
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

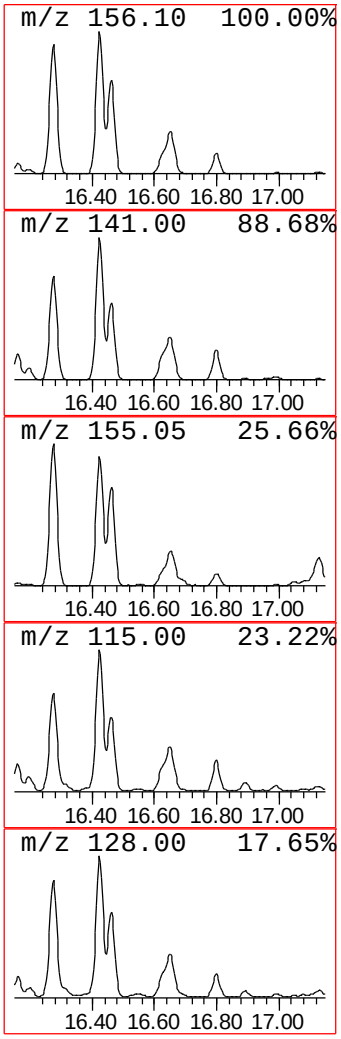
**********

Peak Number 31 Naphthalene, 2,3-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.65 | 71.63 ug/L | 2527460 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

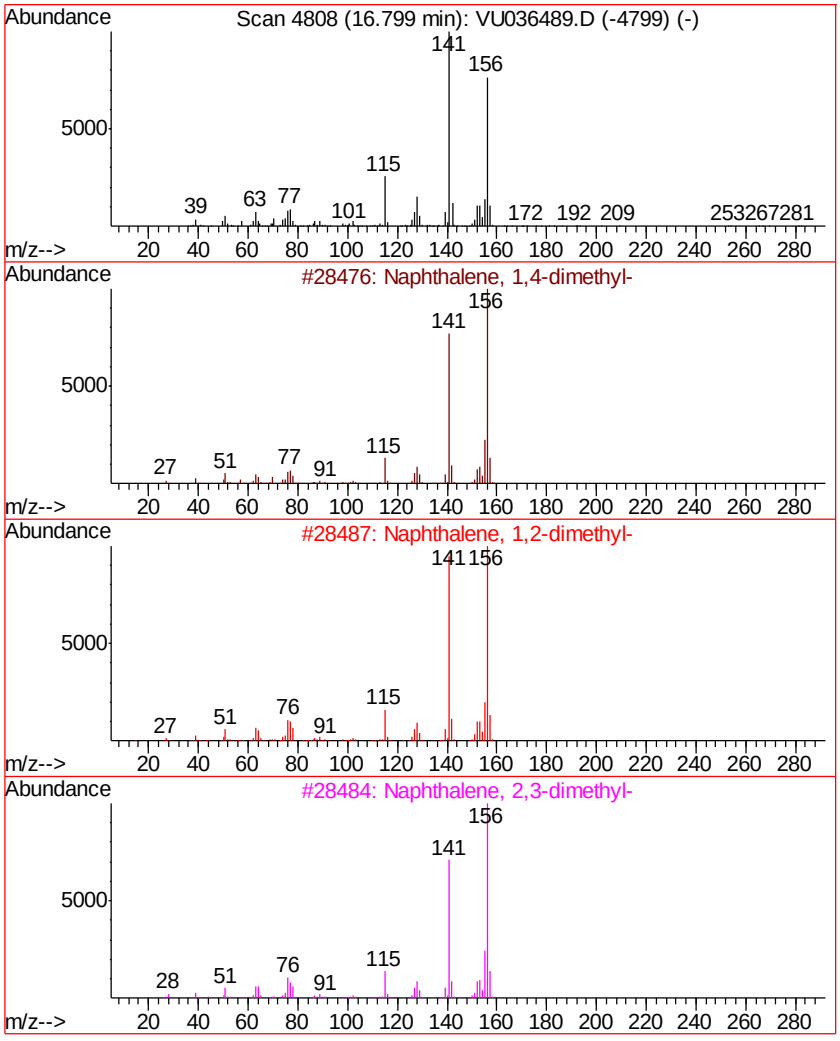
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

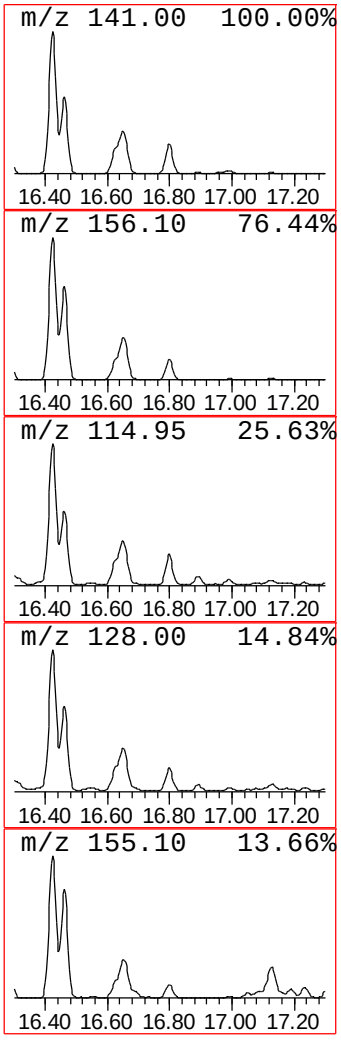
**********

Peak Number 32 Naphthalene, 1,4-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.80 | 25.84 ug/L | 911578 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 2 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 95 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

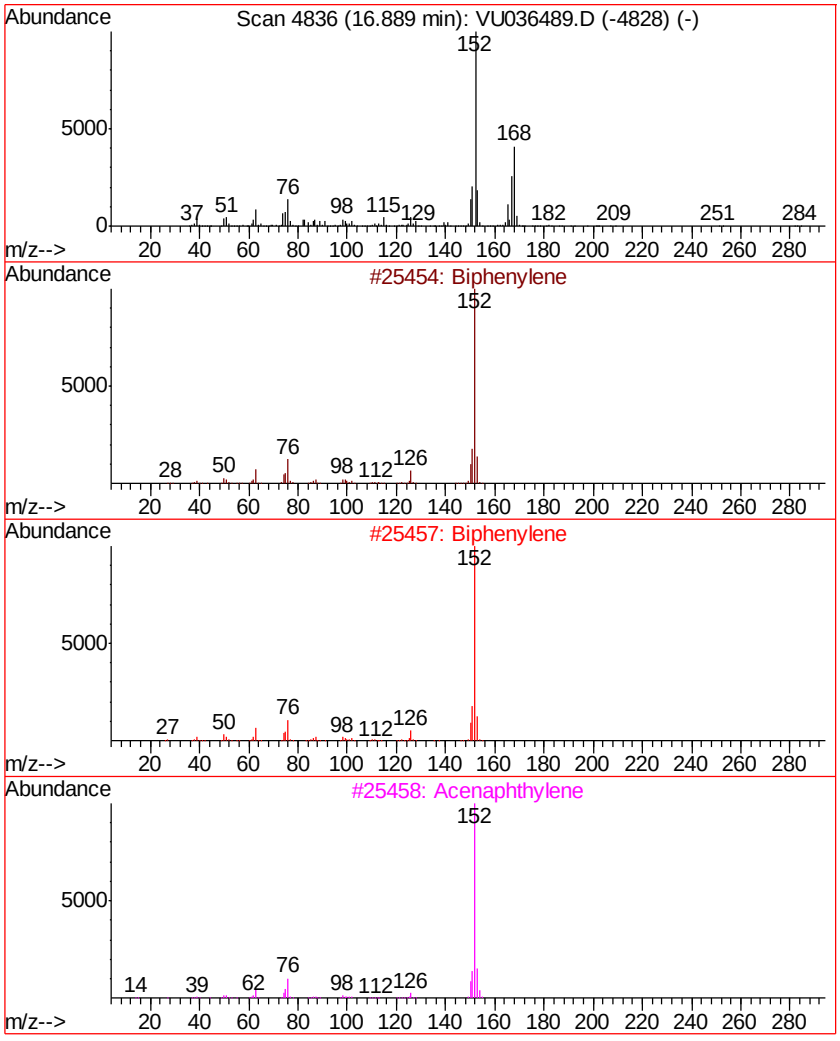
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

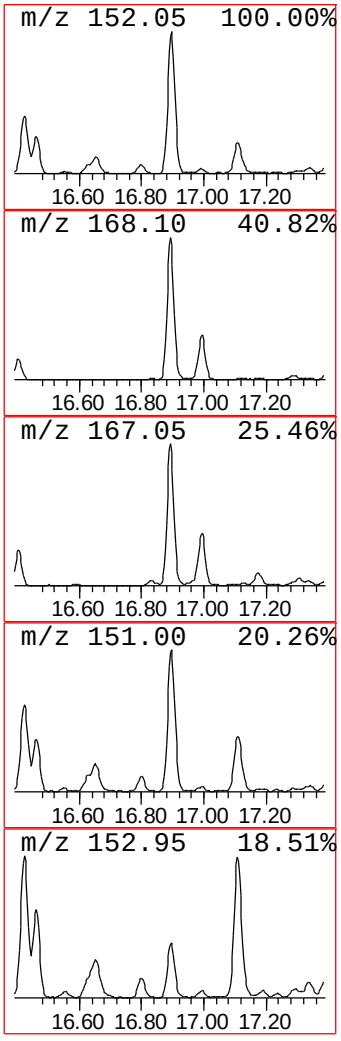
**********

Peak Number 33 Biphenylene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.89 | 37.69 ug/L | 1329820 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Biphenylene | 152 | C12H8 | 000259-79-0 | 83 |
| 2 | Biphenylene | 152 | C12H8 | 000259-79-0 | 64 |
| 3 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 53 |
| 4 | (6Balpha,7beta,11alpha,11aalpha)... | 334 | C25H18O | 1000241-69-8 | 53 |
| 5 | 1-Aza-2-sila-5-boracyclopent-3-e... | 167 | C8H18BNSi | 125212-69-3 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

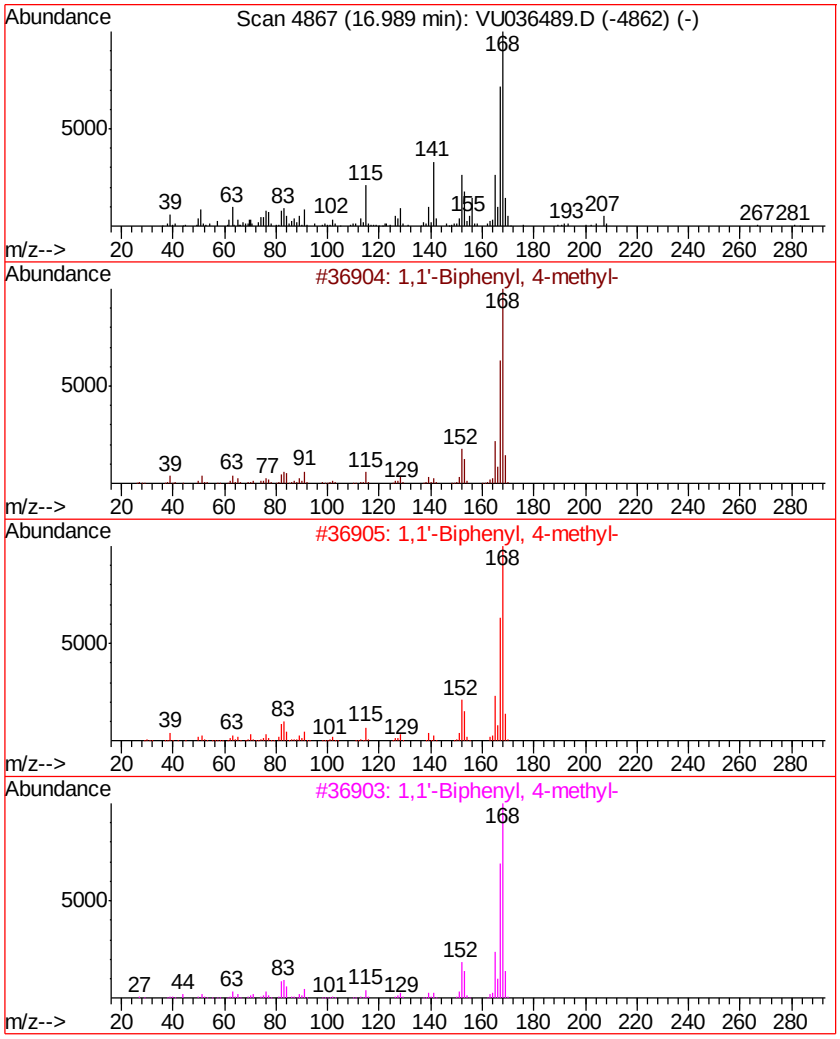
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

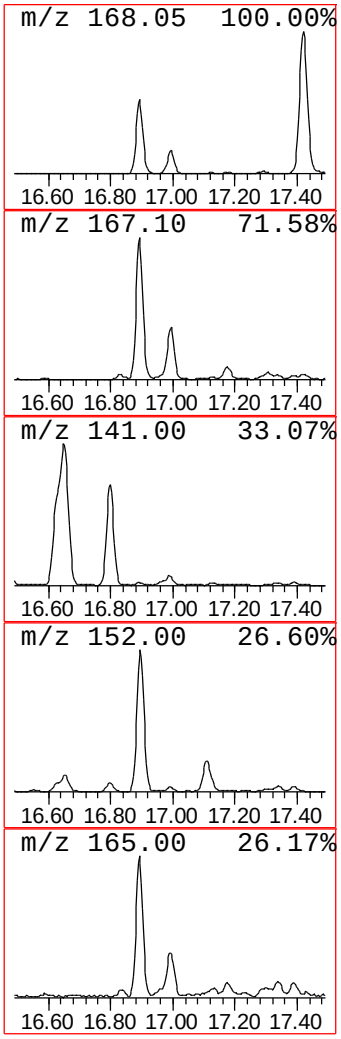
**********

Peak Number 34 1,1'-Biphenyl, 4-methyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.99 | 6.38 ug/L | 225223 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 95 |
| 2 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 94 |
| 3 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 93 |
| 4 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 93 |
| 5 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

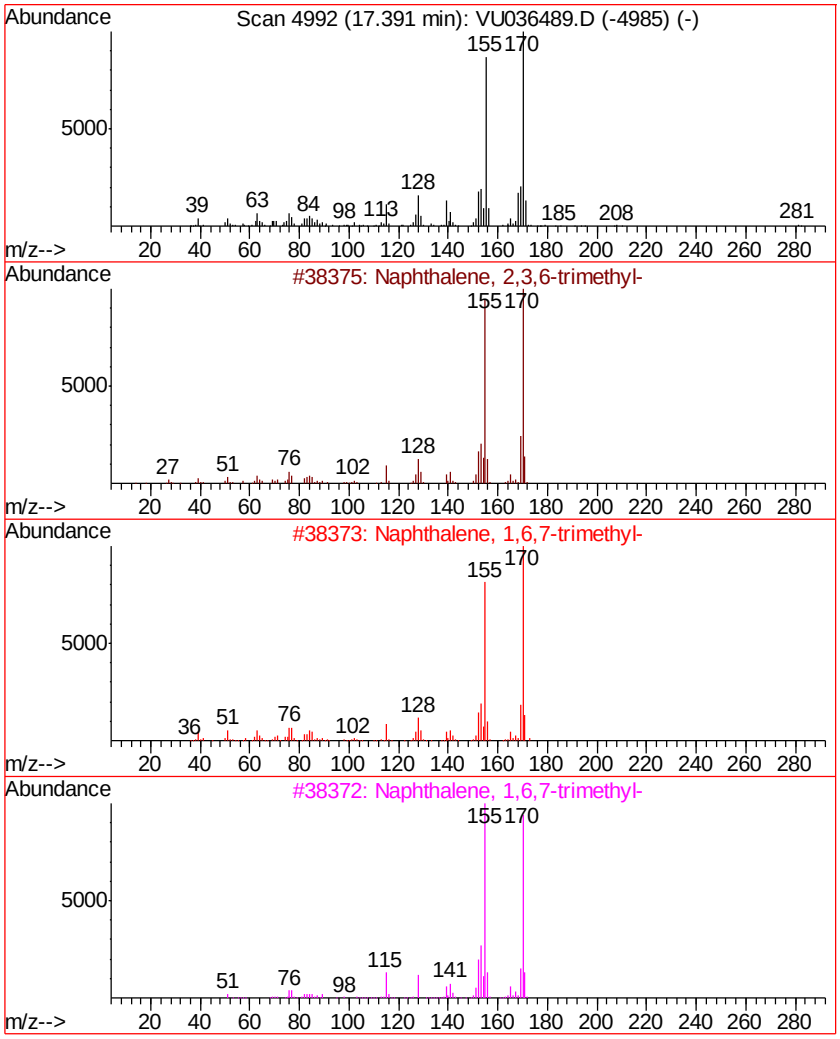
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

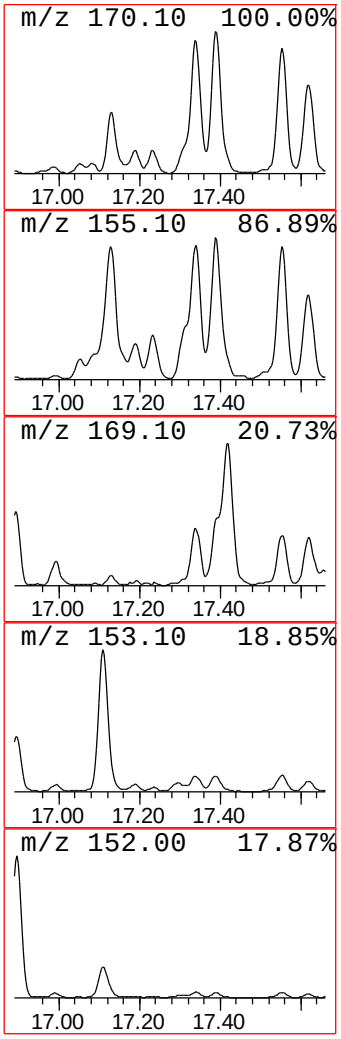
**********

Peak Number 36 Naphthalene, 2,3,6-trimethyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.39 | 6.71 ug/L | 236856 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 95 |
| 5 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

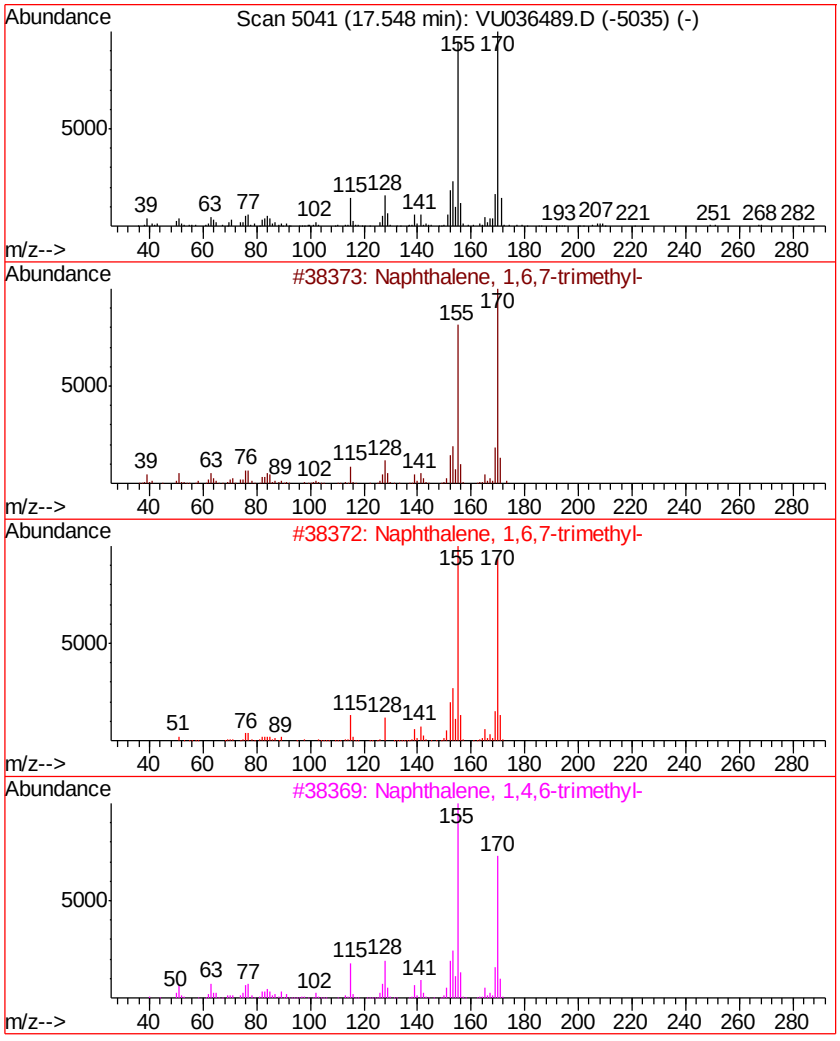
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

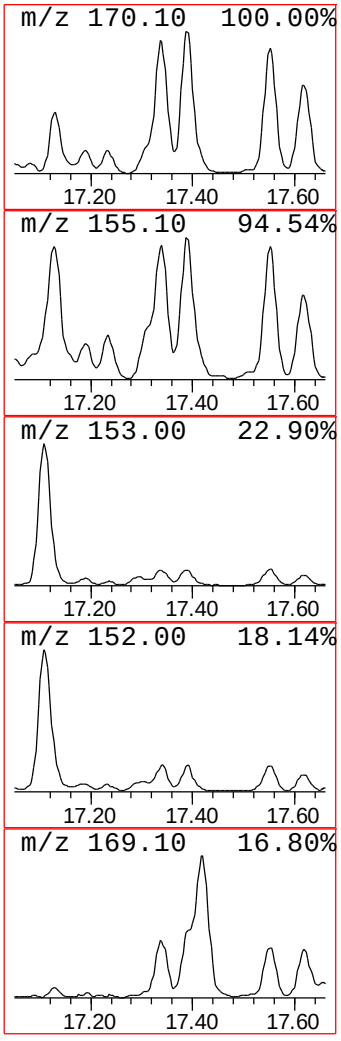
**********

Peak Number 37 Naphthalene, 1,6,7-trimethyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.55 | 9.86 ug/L | 347989 | 1,4-Dichlorobenzene-d4 | 11.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 97 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011520\
Data File : VU036489.D
Acq On : 16 Jan 2020 00:14
Operator : JC/MD
Sample : L1109-10MEDL 10X
Misc : 5.10G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GASG9MEDL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown-01 | 1.82 | 3.4 | ug/L | 83305 | 1 | 6.29 | 1243070 | 50.0 |
| Benzene, propyl- | 10.93 | 5.9 | ug/L | 209043 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 1-ethyl-... | 11.02 | 19.0 | ug/L | 671664 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 1,2,3-tr... | 11.11 | 86.0 | ug/L | 3035850 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 1,2,3-tr... | 11.49 | 88.3 | ug/L | 3117440 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 1-etheny... | 11.56 | 7.0 | ug/L | 246983 | 3 | 11.83 | 1764200 | 50.0 |
| o-Cymene | 11.76 | 13.8 | ug/L | 485069 | 3 | 11.83 | 1764200 | 50.0 |
| (Z)-1-Phenylpropene | 11.97 | 7.6 | ug/L | 268919 | 3 | 11.83 | 1764200 | 50.0 |
| Indane | 12.11 | 30.9 | ug/L | 1091820 | 3 | 11.83 | 1764200 | 50.0 |
| (DEL) Alkane: Cyc... | 12.30 | 17.1 | ug/L | 601428 | 3 | 11.83 | 1764200 | 50.0 |
| (DEL) Alkane: Str... | 12.34 | 57.5 | ug/L | 2029150 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 2-ethyl-... | 12.48 | 10.7 | ug/L | 376942 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 1-ethyl-... | 12.59 | 20.6 | ug/L | 728397 | 3 | 11.83 | 1764200 | 50.0 |
| Benzofuran, 7-met... | 12.94 | 24.1 | ug/L | 848987 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 1,2,4,5-... | 12.99 | 20.8 | ug/L | 733721 | 3 | 11.83 | 1764200 | 50.0 |
| Benzene, 1,3-diet... | 13.05 | 57.4 | ug/L | 2026380 | 3 | 11.83 | 1764200 | 50.0 |
| (DEL) Alkane: Str... | 13.41 | 10.5 | ug/L | 371701 | 3 | 11.83 | 1764200 | 50.0 |
| 2-Methylindene | 13.65 | 70.2 | ug/L | 2477690 | 3 | 11.83 | 1764200 | 50.0 |
| 3,4-Dimethylcumene | 13.85 | 8.0 | ug/L | 282092 | 3 | 11.83 | 1764200 | 50.0 |
| 1H-Benzimidazole,... | 14.08 | 18.5 | ug/L | 654070 | 3 | 11.83 | 1764200 | 50.0 |
| 1H-Cyclopropa[b]n... | 14.69 | 11.6 | ug/L | 409670 | 3 | 11.83 | 1764200 | 50.0 |
| Naphthalene, 2-me... | 15.24 | 182.8 | ug/L | 6450610 | 3 | 11.83 | 1764200 | 50.0 |
| Biphenyl | 15.97 | 59.5 | ug/L | 2098830 | 3 | 11.83 | 1764200 | 50.0 |
| Naphthalene, 2,6-... | 16.28 | 144.4 | ug/L | 5093970 | 3 | 11.83 | 1764200 | 50.0 |
| Naphthalene, 2,3-... | 16.65 | 71.6 | ug/L | 2527460 | 3 | 11.83 | 1764200 | 50.0 |
| Naphthalene, 1,4-... | 16.80 | 25.8 | ug/L | 911578 | 3 | 11.83 | 1764200 | 50.0 |
| Biphenylene | 16.89 | 37.7 | ug/L | 1329820 | 3 | 11.83 | 1764200 | 50.0 |
| 1,1'-Biphenyl, 4-... | 16.99 | 6.4 | ug/L | 225223 | 3 | 11.83 | 1764200 | 50.0 |
| Naphthalene, 2,3,... | 17.39 | 6.7 | ug/L | 236856 | 3 | 11.83 | 1764200 | 50.0 |
| Naphthalene, 1,6,... | 17.55 | 9.9 | ug/L | 347989 | 3 | 11.83 | 1764200 | 50.0 |