LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

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\SOMULM091919WMA.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 | 1.389 | 86 | 93 | 107 | rBV | 289340 | 321180 | 10.67% | 0.662% |
| 2 | 1.656 | 169 | 176 | 196 | rVB | 237234 | 322190 | 10.71% | 0.664% |
| 3 | 2.254 | 352 | 362 | 375 | rVB | 452685 | 712121 | 23.67% | 1.467% |
| 4 | 2.547 | 450 | 453 | 458 | rBV6 | 1184 | 1265 | 0.04% | 0.003% |
| 5 | 2.662 | 485 | 489 | 490 | rBV3 | 2380 | 1608 | 0.05% | 0.003% |
| 6 | 2.817 | 525 | 537 | 554 | rVB | 30821 | 67828 | 2.25% | 0.140% |
| 7 | 2.961 | 579 | 582 | 588 | rVV7 | 2046 | 2218 | 0.07% | 0.005% |
| 8 | 2.987 | 588 | 590 | 597 | rVB6 | 1964 | 1665 | 0.06% | 0.003% |
| 9 | 3.199 | 653 | 656 | 662 | rVB6 | 1675 | 1279 | 0.04% | 0.003% |
| 10 | 3.260 | 672 | 675 | 678 | rBV3 | 1703 | 1430 | 0.05% | 0.003% |
| 11 | 3.865 | 858 | 863 | 869 | rBV6 | 1439 | 1544 | 0.05% | 0.003% |
| 12 | 4.055 | 918 | 922 | 924 | rBV4 | 3085 | 2220 | 0.07% | 0.005% |
| 13 | 4.148 | 938 | 951 | 982 | rBV2 | 225962 | 625834 | 20.80% | 1.289% |
| 14 | 4.437 | 1037 | 1041 | 1045 | rBV4 | 1353 | 1176 | 0.04% | 0.002% |
| 15 | 4.530 | 1062 | 1070 | 1073 | rBV5 | 1490 | 1666 | 0.06% | 0.003% |
| 16 | 4.620 | 1081 | 1098 | 1121 | rBV | 351677 | 843299 | 28.02% | 1.737% |
| 17 | 4.968 | 1192 | 1206 | 1220 | rVB8 | 13650 | 32043 | 1.06% | 0.066% |
| 18 | 5.199 | 1263 | 1278 | 1290 | rBV5 | 13810 | 35955 | 1.19% | 0.074% |
| 19 | 5.315 | 1291 | 1314 | 1337 | rBV2 | 751219 | 2212258 | 73.52% | 4.557% |
| 20 | 5.601 | 1397 | 1403 | 1414 | rVB8 | 10099 | 17991 | 0.60% | 0.037% |
| 21 | 5.759 | 1442 | 1452 | 1466 | rVV3 | 20620 | 40815 | 1.36% | 0.084% |
| 22 | 5.862 | 1470 | 1484 | 1515 | rBV | 572774 | 1137333 | 37.80% | 2.343% |
| 23 | 6.305 | 1609 | 1622 | 1637 | rBV | 518860 | 1045873 | 34.76% | 2.154% |
| 24 | 6.392 | 1639 | 1649 | 1661 | rVB5 | 96384 | 208609 | 6.93% | 0.430% |
| 25 | 6.617 | 1709 | 1719 | 1731 | rVB4 | 17198 | 30438 | 1.01% | 0.063% |
| 26 | 6.717 | 1737 | 1750 | 1765 | rVB7 | 20084 | 45523 | 1.51% | 0.094% |
| 27 | 6.842 | 1784 | 1789 | 1790 | rBV3 | 2814 | 2059 | 0.07% | 0.004% |
| 28 | 6.884 | 1792 | 1802 | 1817 | rVB8 | 16719 | 42134 | 1.40% | 0.087% |
| 29 | 7.013 | 1836 | 1842 | 1843 | rBV5 | 3008 | 2899 | 0.10% | 0.006% |
| 30 | 7.083 | 1856 | 1864 | 1871 | rBV4 | 13510 | 22042 | 0.73% | 0.045% |
| 31 | 7.157 | 1879 | 1887 | 1893 | rBV2 | 54420 | 86928 | 2.89% | 0.179% |
| 32 | 7.206 | 1893 | 1902 | 1919 | rVB | 324335 | 580024 | 19.28% | 1.195% |
| 33 | 7.321 | 1930 | 1938 | 1958 | rVB2 | 60453 | 126824 | 4.21% | 0.261% |
| 34 | 7.418 | 1958 | 1968 | 1969 | rBV7 | 8915 | 11625 | 0.39% | 0.024% |

LSC Area Percent Report

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Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

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\SOMULM091919WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.543 | 1985 | 2007 | 2027 | rBV | 1072722 | 2061723 | 68.52% | 4.247% |
| 36 | 7.678 | 2040 | 2049 | 2057 | rBV6 | 37594 | 72703 | 2.42% | 0.150% |
| 37 | 7.800 | 2078 | 2087 | 2090 | rBV | 166763 | 242464 | 8.06% | 0.499% |
| 38 | 7.894 | 2109 | 2116 | 2131 | rVB4 | 77991 | 145932 | 4.85% | 0.301% |
| 39 | 8.026 | 2140 | 2157 | 2168 | rBV2 | 61753 | 116699 | 3.88% | 0.240% |
| 40 | 8.206 | 2203 | 2213 | 2227 | rVB5 | 34368 | 60756 | 2.02% | 0.125% |
| 41 | 8.289 | 2227 | 2239 | 2271 | rBV | 798703 | 1542612 | 51.26% | 3.178% |
| 42 | 8.434 | 2278 | 2284 | 2286 | rBV3 | 23721 | 27457 | 0.91% | 0.057% |
| 43 | 8.524 | 2303 | 2312 | 2321 | rVB | 146495 | 238445 | 7.92% | 0.491% |
| 44 | 8.582 | 2322 | 2330 | 2340 | rBV | 93833 | 166054 | 5.52% | 0.342% |
| 45 | 8.736 | 2372 | 2378 | 2386 | rVB4 | 22439 | 34142 | 1.13% | 0.070% |
| 46 | 8.794 | 2387 | 2396 | 2400 | rBV | 53717 | 80368 | 2.67% | 0.166% |
| 47 | 8.887 | 2418 | 2425 | 2438 | rVB3 | 153570 | 256846 | 8.54% | 0.529% |
| 48 | 8.955 | 2442 | 2446 | 2452 | rVB7 | 5896 | 6663 | 0.22% | 0.014% |
| 49 | 9.009 | 2453 | 2463 | 2471 | rBV2 | 134290 | 223161 | 7.42% | 0.460% |
| 50 | 9.067 | 2471 | 2481 | 2499 | rVB | 850406 | 1369448 | 45.51% | 2.821% |
| 51 | 9.228 | 2521 | 2531 | 2544 | rBV | 189018 | 313170 | 10.41% | 0.645% |
| 52 | 9.353 | 2562 | 2570 | 2584 | rVB2 | 311443 | 576996 | 19.17% | 1.189% |
| 53 | 9.421 | 2584 | 2591 | 2617 | rVB | 442315 | 733351 | 24.37% | 1.511% |
| 54 | 9.543 | 2620 | 2629 | 2638 | rVB7 | 21920 | 38686 | 1.29% | 0.080% |
| 55 | 9.697 | 2663 | 2677 | 2687 | rBV3 | 111928 | 233529 | 7.76% | 0.481% |
| 56 | 9.929 | 2732 | 2749 | 2759 | rBV3 | 154489 | 303027 | 10.07% | 0.624% |
| 57 | 10.022 | 2769 | 2778 | 2787 | rBV6 | 160569 | 286736 | 9.53% | 0.591% |
| 58 | 10.144 | 2806 | 2816 | 2826 | rBV | 185651 | 297399 | 9.88% | 0.613% |
| 59 | 10.408 | 2888 | 2898 | 2912 | rBV | 718965 | 1305598 | 43.39% | 2.689% |
| 60 | 10.566 | 2938 | 2947 | 2956 | rBV | 269528 | 414899 | 13.79% | 0.855% |
| 61 | 10.659 | 2967 | 2976 | 2982 | rBV | 602388 | 1057924 | 35.16% | 2.179% |
| 62 | 10.791 | 3010 | 3017 | 3028 | rVB | 465314 | 684465 | 22.75% | 1.410% |
| 63 | 10.948 | 3057 | 3066 | 3086 | rVB | 435337 | 761512 | 25.31% | 1.569% |
| 64 | 11.093 | 3104 | 3111 | 3113 | rBV | 94975 | 114829 | 3.82% | 0.237% |
| 65 | 11.125 | 3114 | 3121 | 3134 | rVB | 483142 | 735985 | 24.46% | 1.516% |
| 66 | 11.299 | 3168 | 3175 | 3189 | rVB | 296507 | 514083 | 17.08% | 1.059% |
| 67 | 11.402 | 3191 | 3207 | 3216 | rBV2 | 324406 | 689754 | 22.92% | 1.421% |
| 68 | 11.459 | 3216 | 3225 | 3236 | rVV2 | 957559 | 1476077 | 49.05% | 3.041% |
| 69 | 11.546 | 3246 | 3252 | 3259 | rBV2 | 106084 | 136061 | 4.52% | 0.280% |
| 70 | 11.752 | 3306 | 3316 | 3320 | rBV2 | 245809 | 426855 | 14.19% | 0.879% |
| 71 | 11.784 | 3322 | 3326 | 3333 | rVV | 525126 | 701433 | 23.31% | 1.445% |

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Sample : K4984-11 10X
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ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

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\SOMULM091919WMA.M
Title : VOC Analysis

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 72 | 11.839 | 3333 | 3343 | 3362 | rVB4 | 1490733 | 3009121 | 100.00% | 6.199% |
| 73 | 11.958 | 3374 | 3380 | 3386 | rBV2 | 92985 | 122557 | 4.07% | 0.252% |
| 74 | 12.003 | 3387 | 3394 | 3398 | rBV | 324821 | 435988 | 14.49% | 0.898% |
| 75 | 12.122 | 3423 | 3431 | 3436 | rBV | 334836 | 506289 | 16.83% | 1.043% |
| 76 | 12.228 | 3458 | 3464 | 3472 | rVB | 308614 | 408552 | 13.58% | 0.842% |
| 77 | 12.334 | 3488 | 3497 | 3502 | rBV | 221425 | 367929 | 12.23% | 0.758% |
| 78 | 12.469 | 3531 | 3539 | 3550 | rBV2 | 258076 | 478619 | 15.91% | 0.986% |
| 79 | 12.594 | 3569 | 3578 | 3582 | rBV3 | 154463 | 250243 | 8.32% | 0.515% |
| 80 | 12.681 | 3597 | 3605 | 3623 | rVB | 356862 | 696136 | 23.13% | 1.434% |
| 81 | 12.765 | 3623 | 3631 | 3637 | rBV2 | 228985 | 358026 | 11.90% | 0.738% |
| 82 | 12.942 | 3681 | 3686 | 3699 | rVB2 | 426963 | 599972 | 19.94% | 1.236% |
| 83 | 13.009 | 3701 | 3707 | 3715 | rBV2 | 202533 | 283218 | 9.41% | 0.583% |
| 84 | 13.061 | 3716 | 3723 | 3728 | rBV2 | 240429 | 369833 | 12.29% | 0.762% |
| 85 | 13.102 | 3729 | 3736 | 3750 | rVB3 | 786965 | 1369489 | 45.51% | 2.821% |
| 86 | 13.215 | 3765 | 3771 | 3777 | rBV | 128999 | 171434 | 5.70% | 0.353% |
| 87 | 13.263 | 3778 | 3786 | 3794 | rVV3 | 523037 | 844169 | 28.05% | 1.739% |
| 88 | 13.385 | 3817 | 3824 | 3831 | rBV2 | 157733 | 228533 | 7.59% | 0.471% |
| 89 | 13.434 | 3832 | 3839 | 3847 | rVB2 | 289180 | 412241 | 13.70% | 0.849% |
| 90 | 13.488 | 3848 | 3856 | 3863 | rBV3 | 387441 | 628811 | 20.90% | 1.295% |
| 91 | 13.765 | 3937 | 3942 | 3952 | rVB4 | 120781 | 168693 | 5.61% | 0.347% |
| 92 | 13.832 | 3954 | 3963 | 3981 | rVB2 | 657842 | 1211603 | 40.26% | 2.496% |
| 93 | 13.929 | 3985 | 3993 | 4003 | rBV4 | 524749 | 921817 | 30.63% | 1.899% |
| 94 | 14.128 | 4047 | 4055 | 4069 | rBV3 | 356745 | 629917 | 20.93% | 1.298% |
| 95 | 14.328 | 4104 | 4117 | 4137 | rVB2 | 1206435 | 2369934 | 78.76% | 4.882% |
| 96 | 14.655 | 4210 | 4219 | 4231 | rBV2 | 651336 | 1129372 | 37.53% | 2.326% |
| 97 | 14.845 | 4269 | 4278 | 4291 | rBV4 | 1019168 | 2157314 | 71.69% | 4.444% |
| 98 | 14.990 | 4317 | 4323 | 4330 | rBV3 | 166717 | 247630 | 8.23% | 0.510% |
| 99 | 15.038 | 4332 | 4338 | 4350 | rVB | 334457 | 522140 | 17.35% | 1.076% |
| 100 | 16.038 | 4643 | 4649 | 4657 | rBV4 | 416714 | 608057 | 20.21% | 1.253% |

Sum of corrected areas: 48545375

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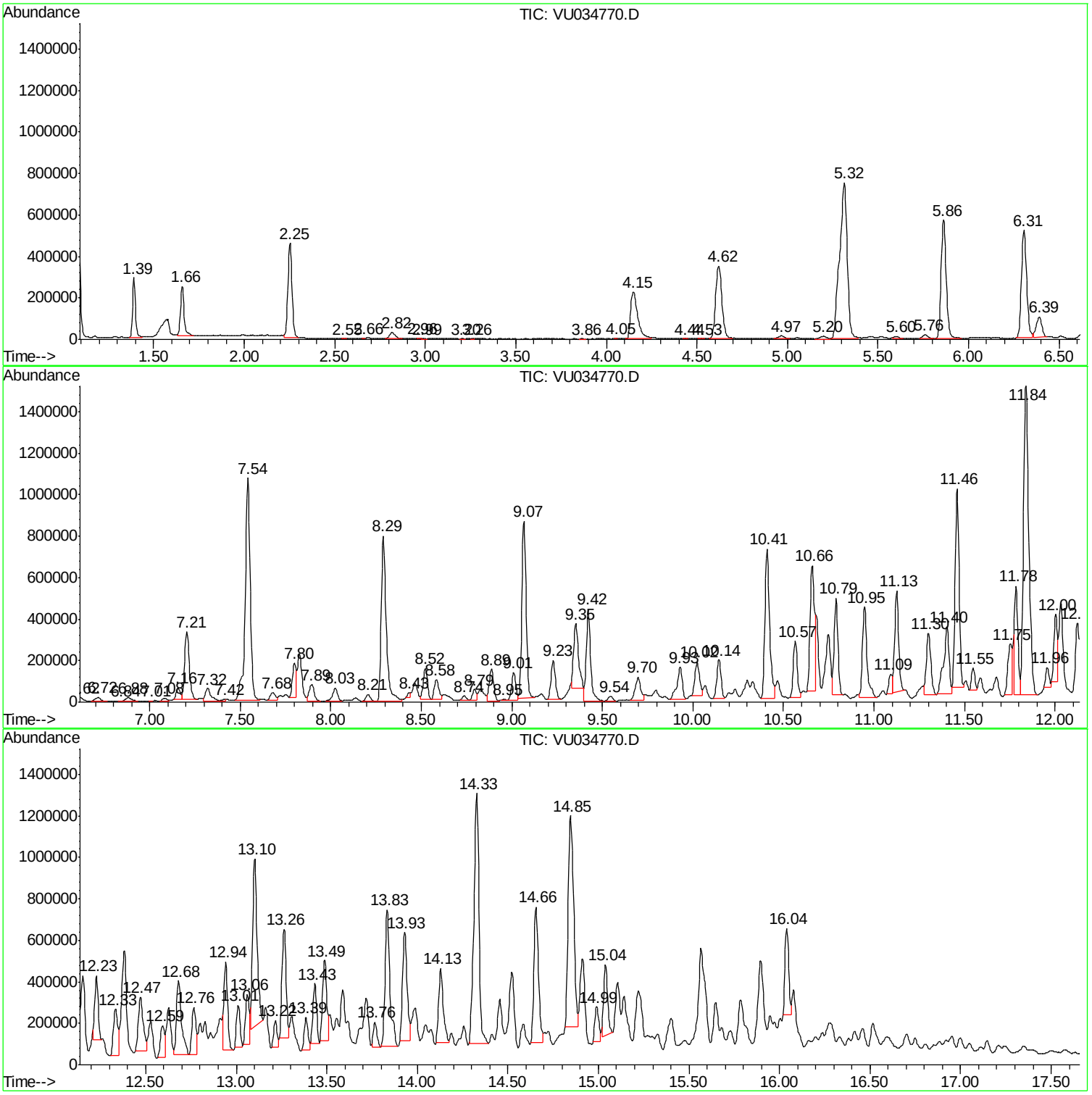
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
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Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
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**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

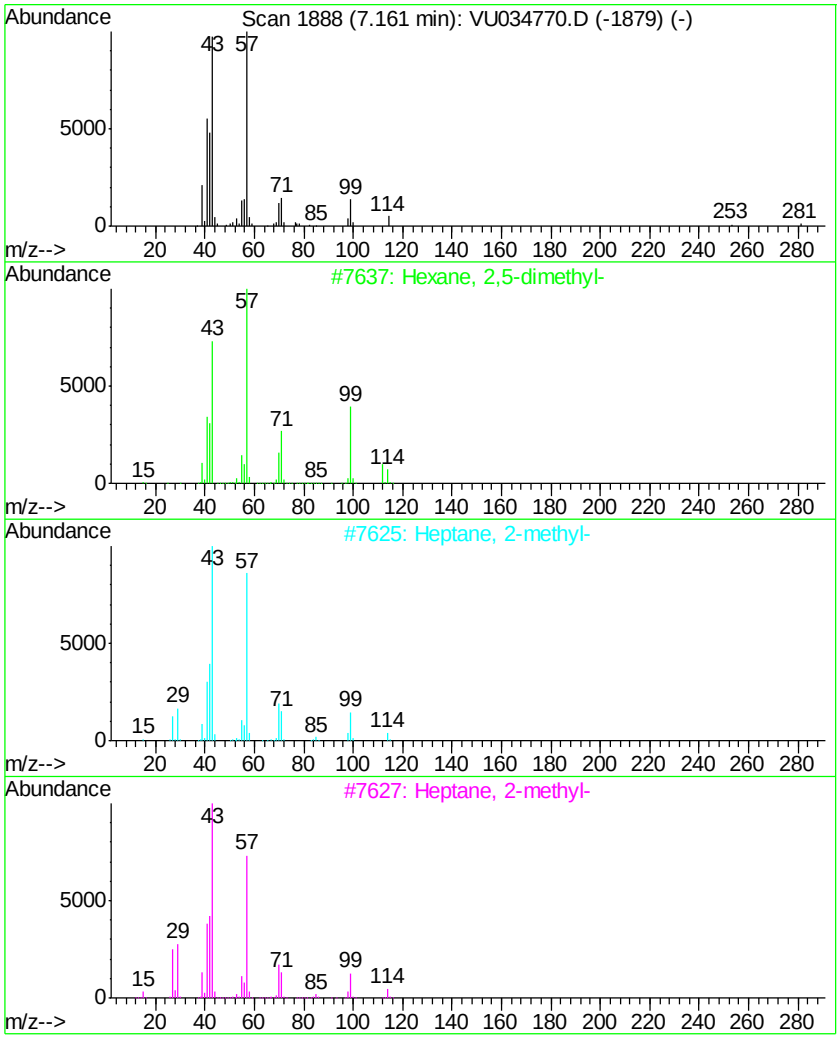
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

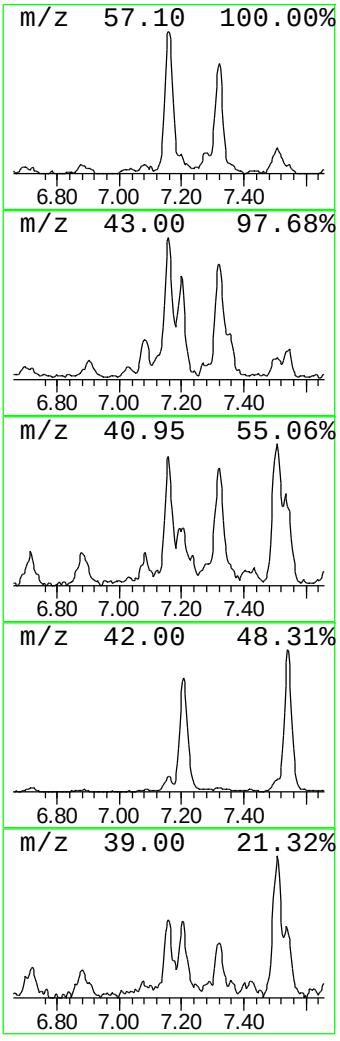
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.16 | 3.82 ug/L | 86928 | 1,4-Difluorobenzene | 5.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,5-dimethyl- | 114 | C8H18 | 000592-13-2 | 91 |
| 2 | Heptane, 2-methyl- | 114 | C8H18 | 000592-27-8 | 90 |
| 3 | Heptane, 2-methyl- | 114 | C8H18 | 000592-27-8 | 90 |
| 4 | Hexane, 2,5-dimethyl- | 114 | C8H18 | 000592-13-2 | 72 |
| 5 | Heptane, 2-methyl- | 114 | C8H18 | 000592-27-8 | 56 |



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Data File : VU034770.D
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Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

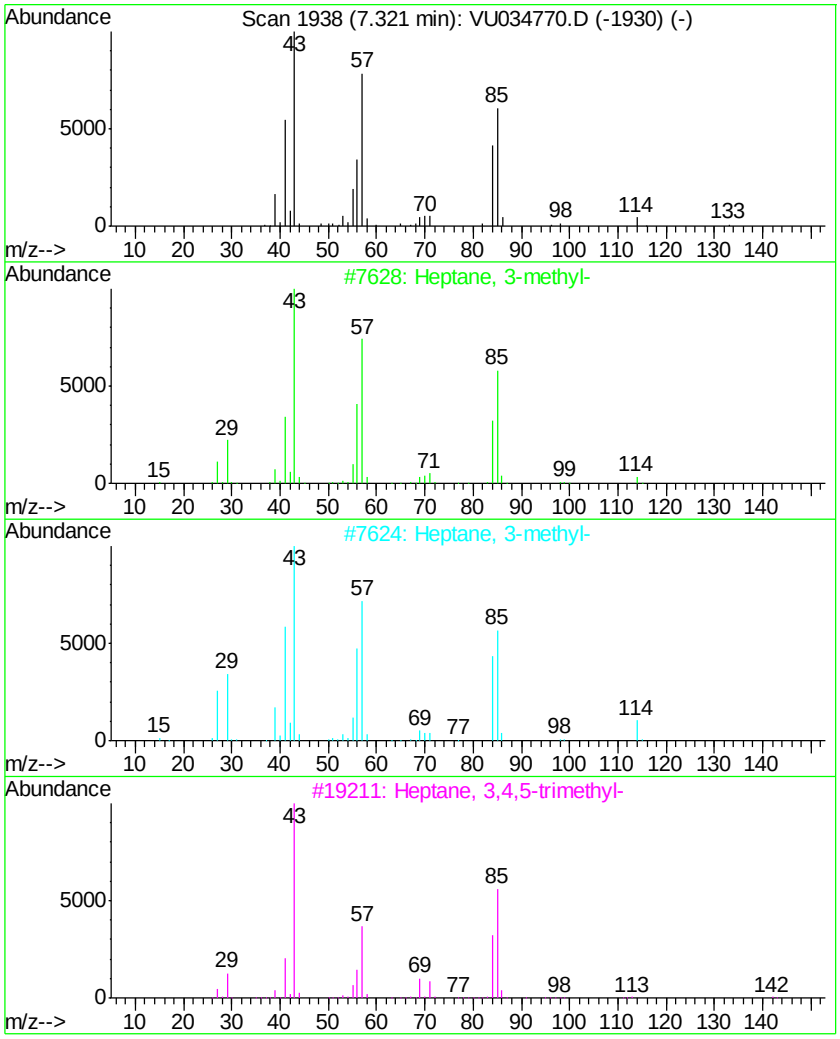
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

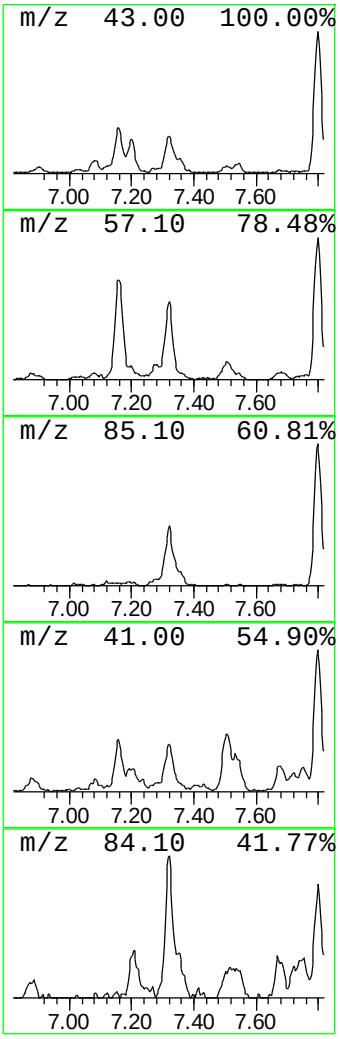
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.32 | 5.58 ug/L | 126824 | 1,4-Difluorobenzene | 5.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-methyl- | 114 | C8H18 | 000589-81-1 | 91 |
| 2 | Heptane, 3-methyl- | 114 | C8H18 | 000589-81-1 | 86 |
| 3 | Heptane, 3,4,5-trimethyl- | 142 | C10H22 | 020278-89-1 | 78 |
| 4 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 64 |
| 5 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 59 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

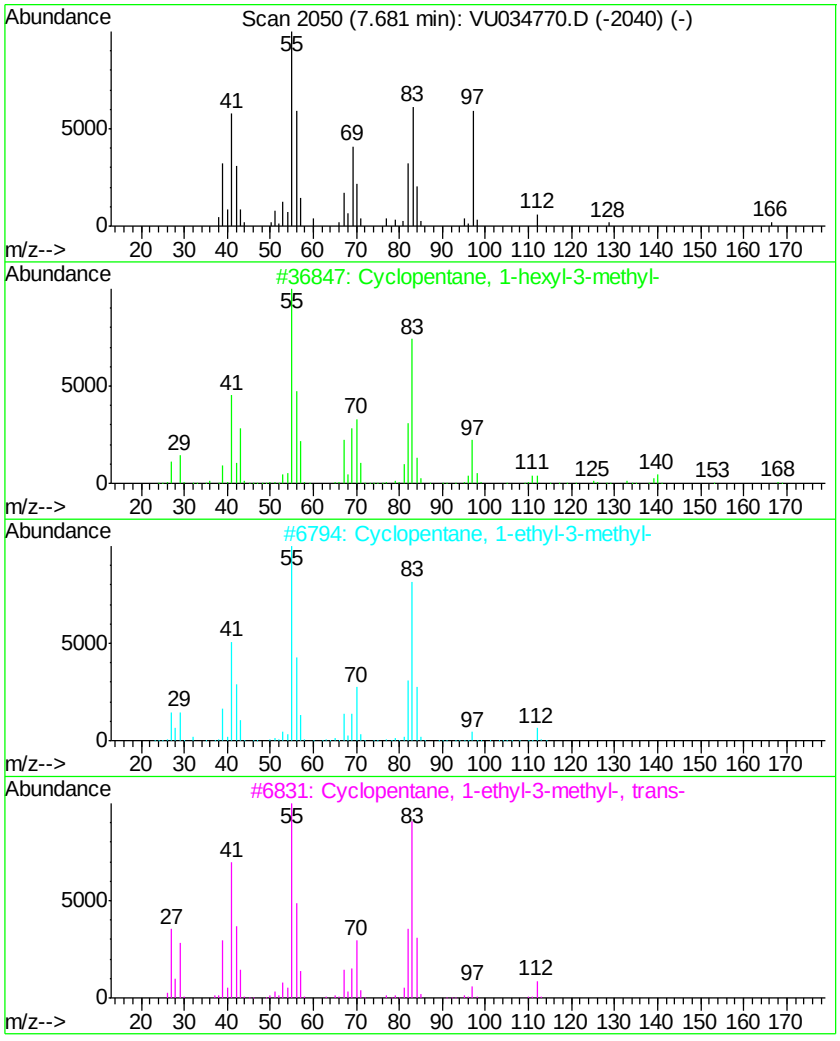
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

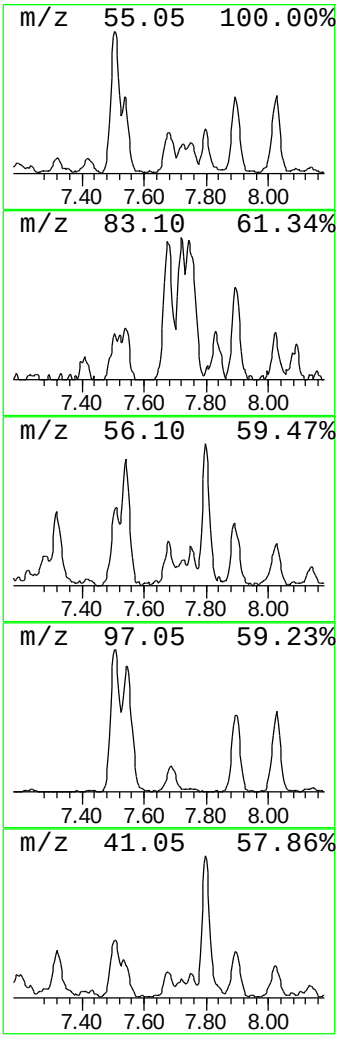
**********

Peak Number 5 (DEL) Alkane: Cyclic7.68 Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.68 | 2.65 ug/L | 72703 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1-hexyl-3-methyl- | 168 | C12H24 | 061142-68-5 | 64 |
| 2 | Cyclopentane, 1-ethyl-3-methyl- | 112 | C8H16 | 003726-47-4 | 53 |
| 3 | Cyclopentane, 1-ethyl-3-methyl-,... | 112 | C8H16 | 002613-65-2 | 52 |
| 4 | Cyclopentane, 1-ethyl-3-methyl-,... | 112 | C8H16 | 002613-66-3 | 52 |
| 5 | Cycloheptane, methyl- | 112 | C8H16 | 004126-78-7 | 50 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
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Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

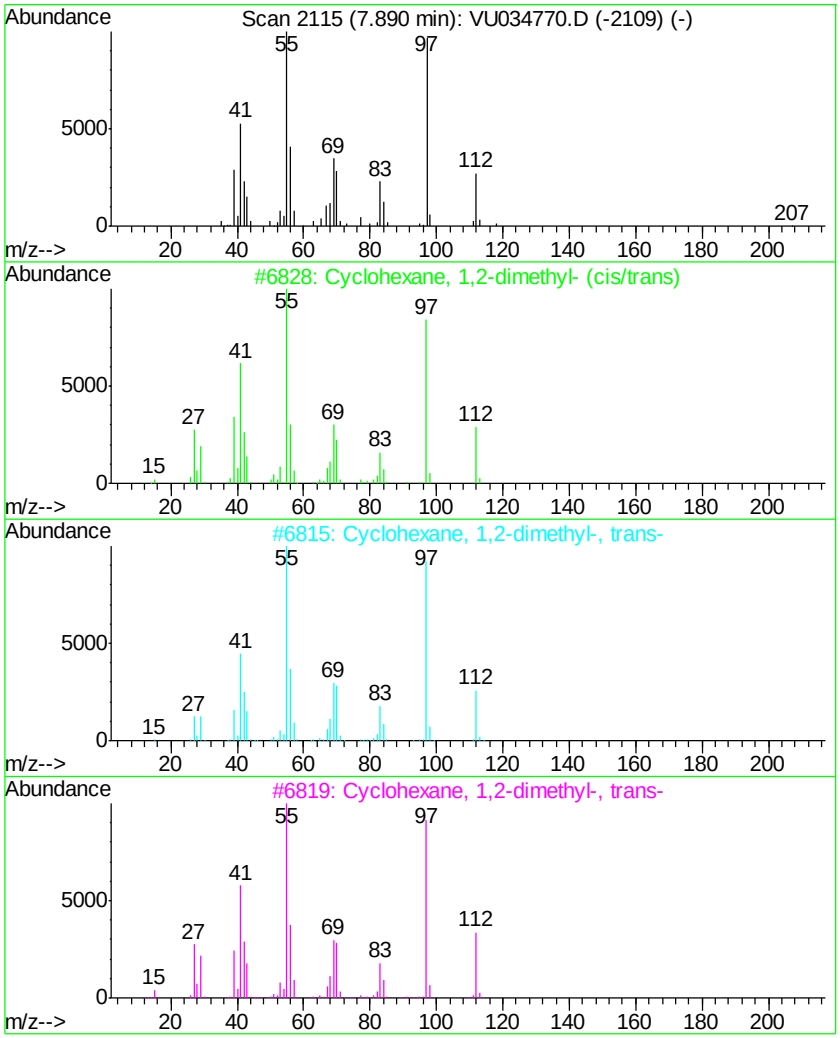
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

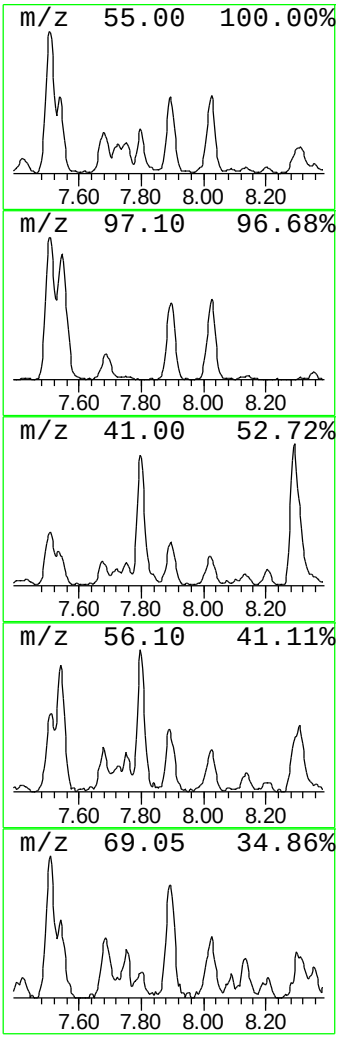
**********

Peak Number 6 (DEL) Alkane: Cyclic7.89 Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.89 | 5.33 ug/L | 145932 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 97 |
| 2 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 96 |
| 3 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 95 |
| 4 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 95 |
| 5 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 93 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

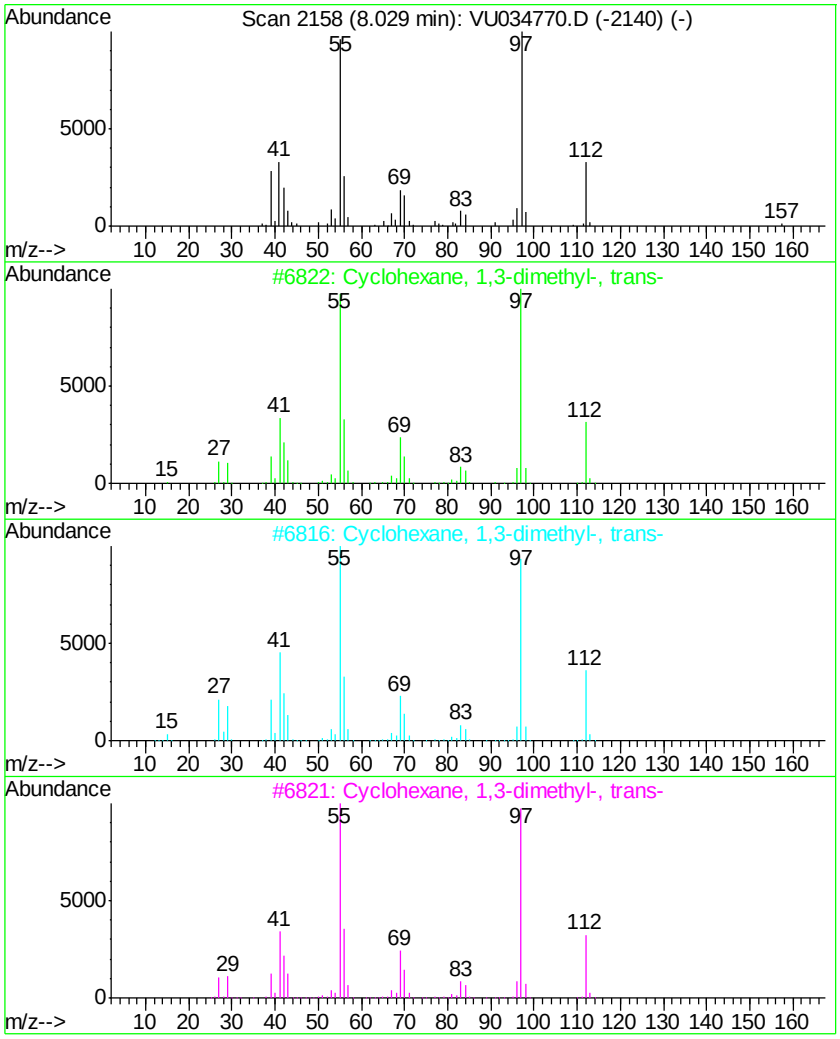
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

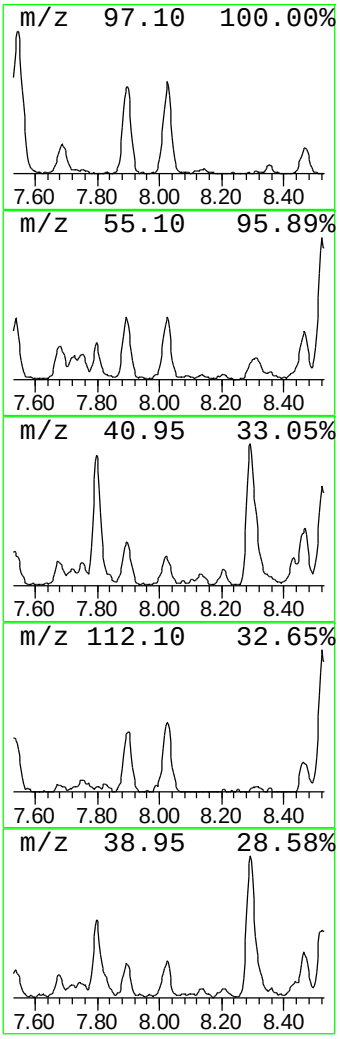
**********

Peak Number 7 (DEL) Alkane: Cyclic8.03 Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.03 | 4.26 ug/L | 116699 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 95 |
| 2 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 95 |
| 3 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 94 |
| 4 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 94 |
| 5 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 94 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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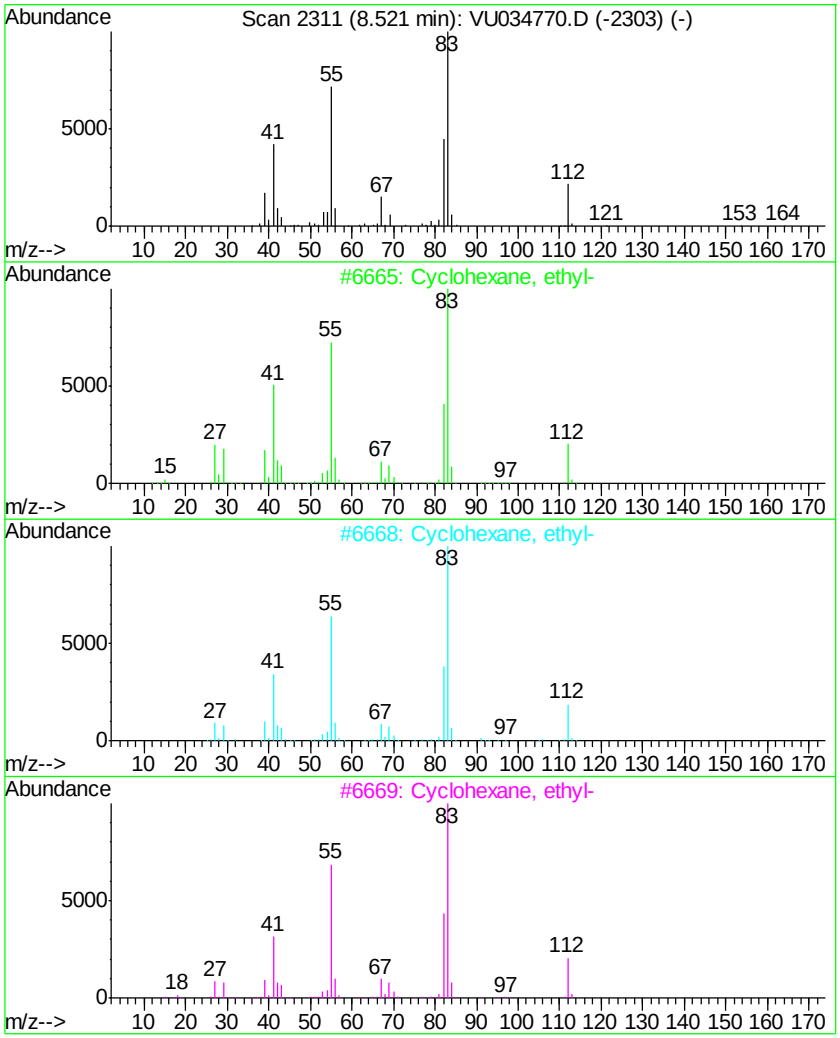
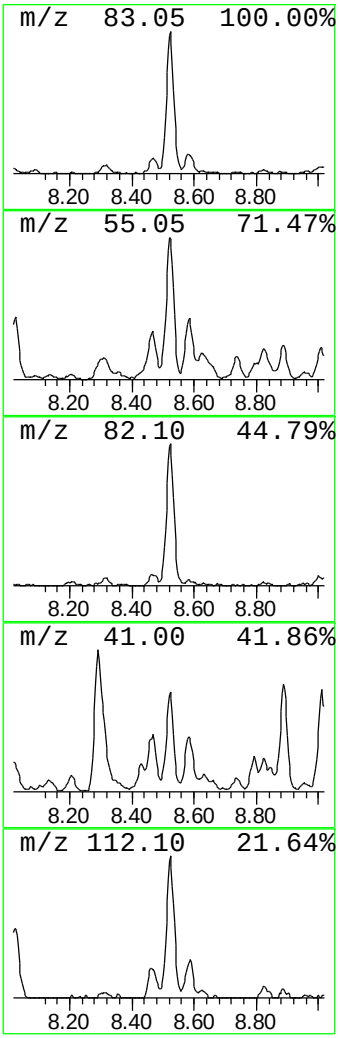
Peak Number 8 (DEL) Alkane: Cyclic8.52 Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.52 | 8.71 ug/L | 238445 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 87 |
| 2 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 87 |
| 3 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 86 |
| 4 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 76 |
| 5 | 3-Cyclohexyl-1-chloropropane | 160 | C9H17Cl | 001124-62-5 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

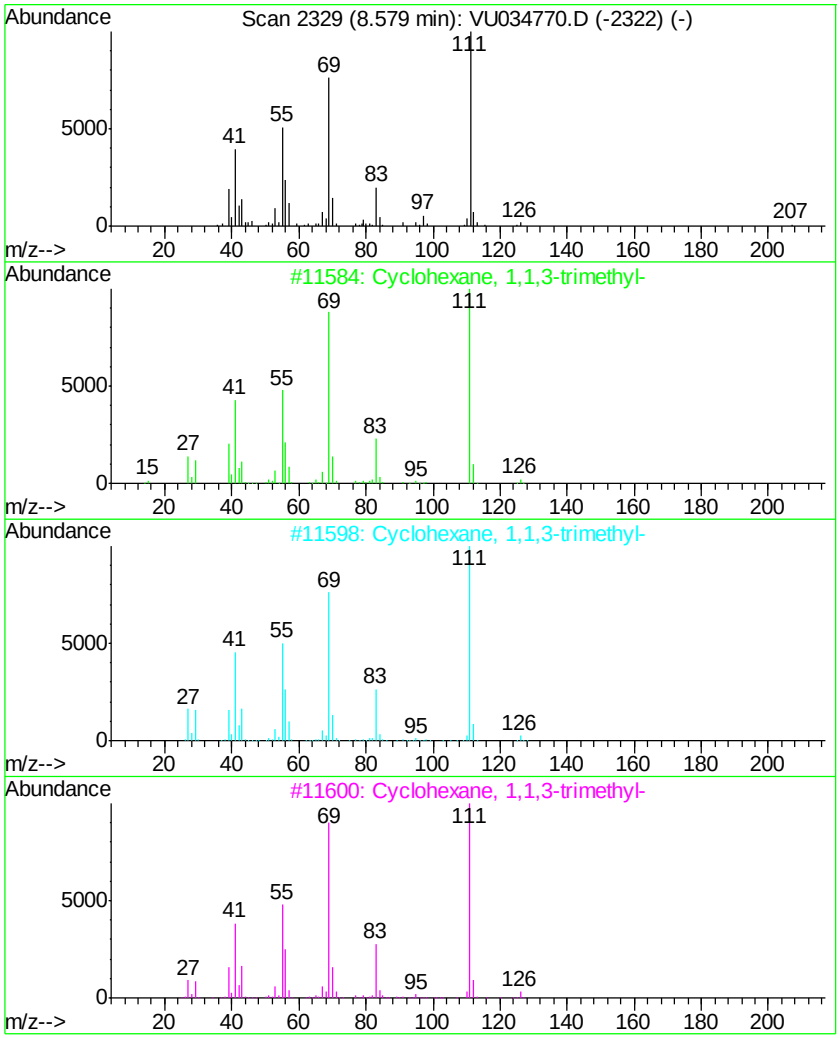
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

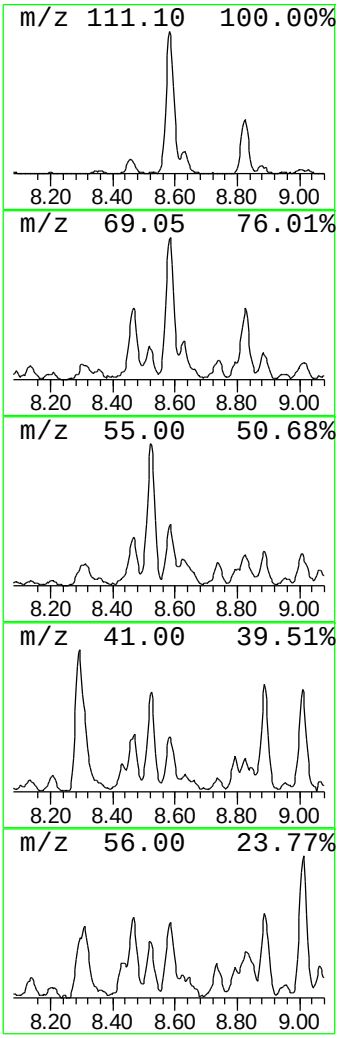
**********

Peak Number 9 (DEL) Alkane: Cyclic8.58 Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.58 | 6.06 ug/L | 166054 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 97 |
| 2 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 97 |
| 3 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 94 |
| 4 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 93 |
| 5 | Cyclooctane, butyl- | 168 | C12H24 | 016538-93-5 | 78 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

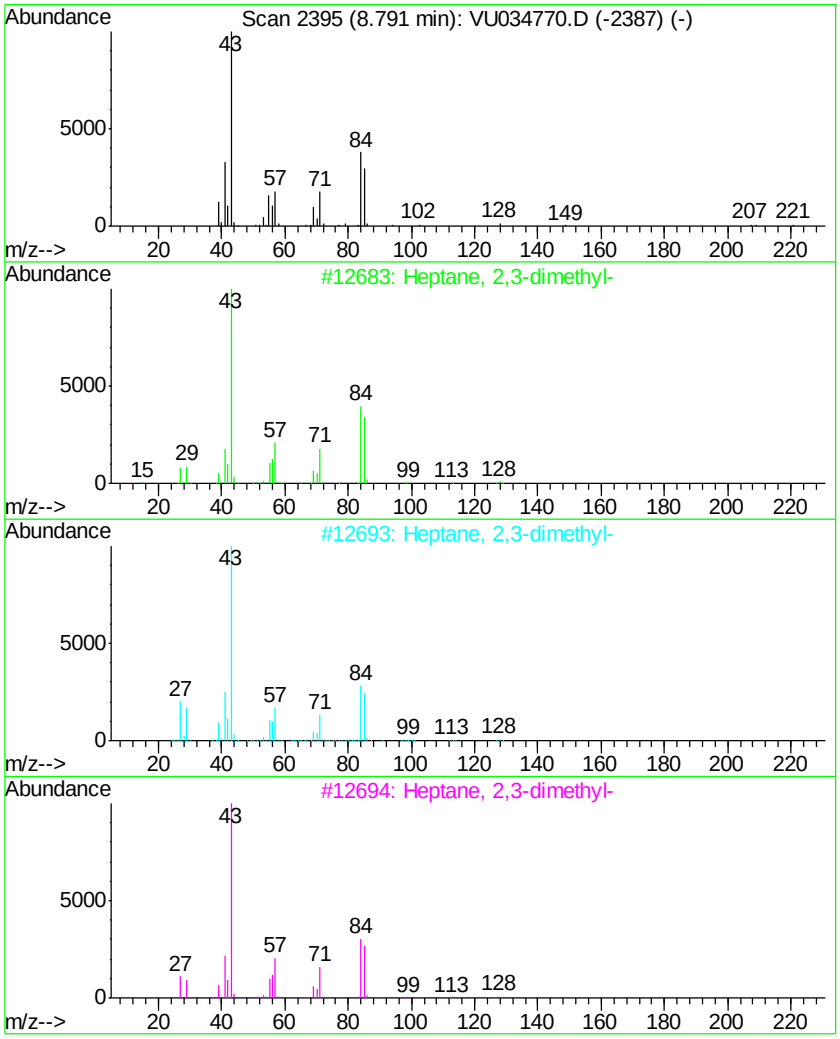
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

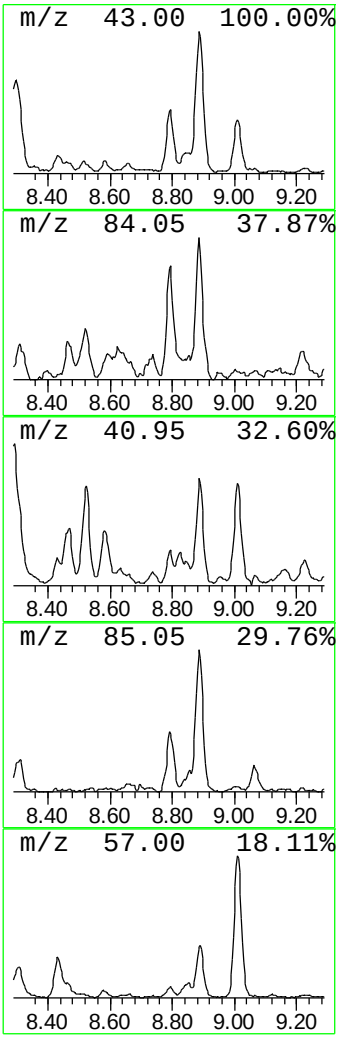
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.79 | 2.93 ug/L | 80368 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 91 |
| 2 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 91 |
| 3 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 83 |
| 4 | Hexane, 3-ethyl-2-methyl- | 128 | C9H20 | 016789-46-1 | 72 |
| 5 | Hexane, 2,3,5-trimethyl- | 128 | C9H20 | 001069-53-0 | 64 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

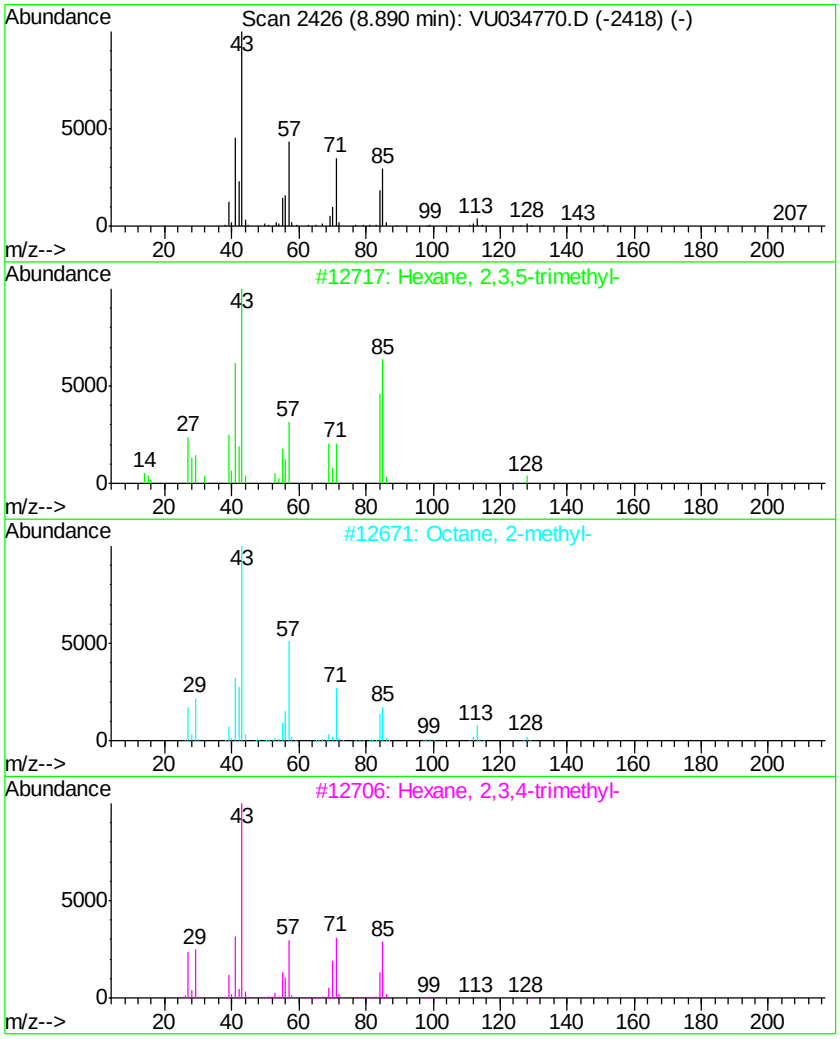
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

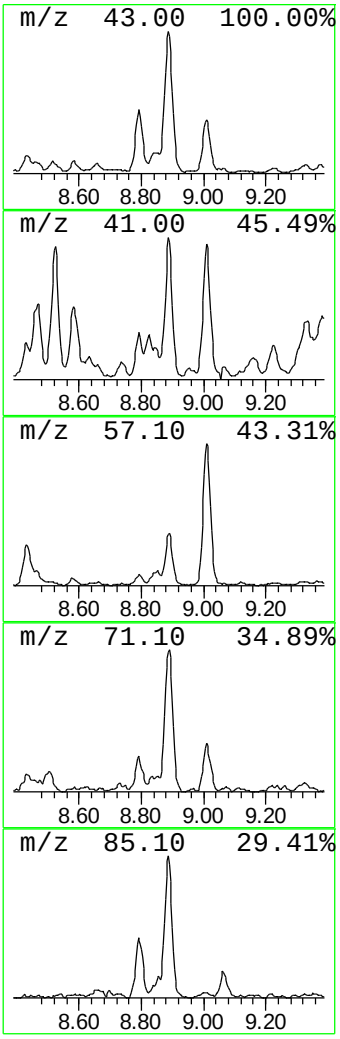
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.89 | 9.38 ug/L | 256846 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,3,5-trimethyl- | 128 | C9H20 | 001069-53-0 | 72 |
| 2 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 64 |
| 3 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 53 |
| 4 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 53 |
| 5 | Octane, 4-methyl- | 128 | C9H20 | 002216-34-4 | 53 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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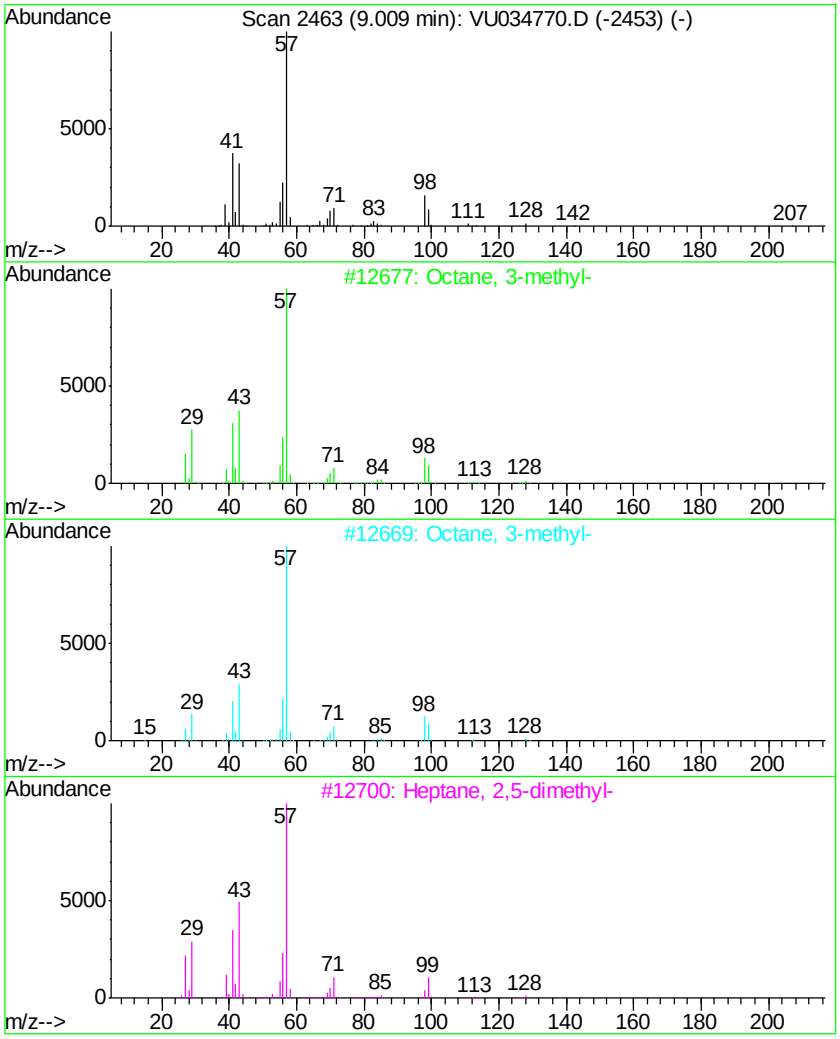
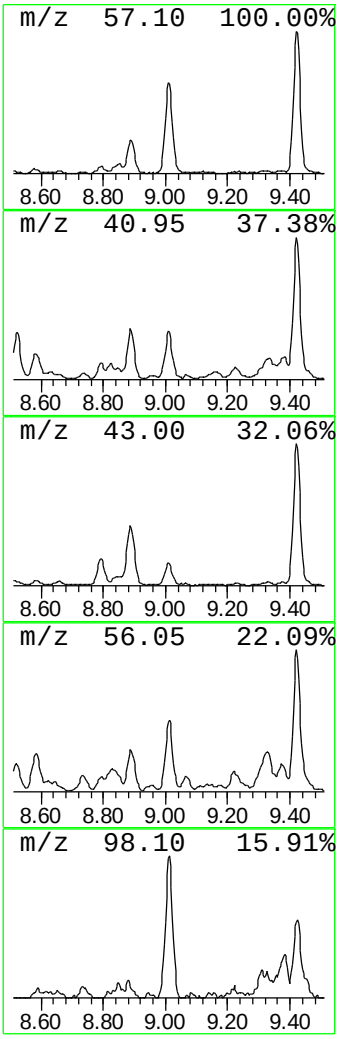
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.01 | 8.15 ug/L | 223161 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3-methyl- | 128 | C9H20 | 002216-33-3 | 90 |
| 2 | Octane, 3-methyl- | 128 | C9H20 | 002216-33-3 | 87 |
| 3 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 83 |
| 4 | Octane, 3-methyl- | 128 | C9H20 | 002216-33-3 | 72 |
| 5 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 64 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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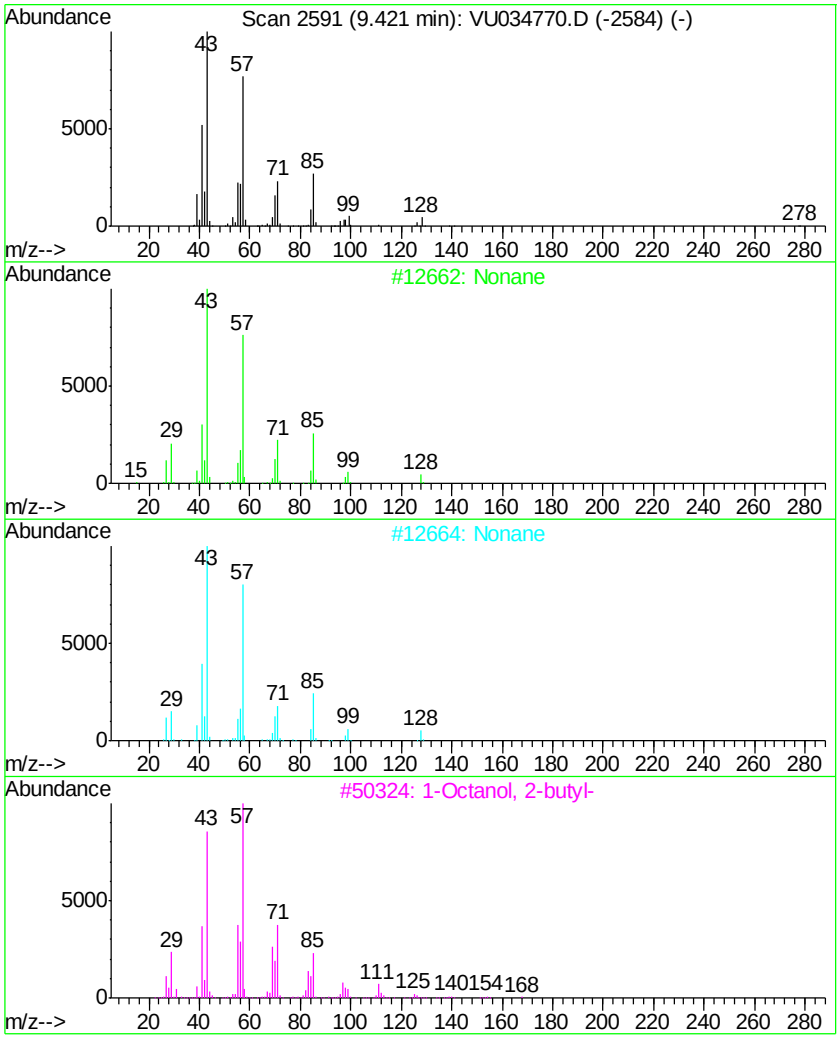
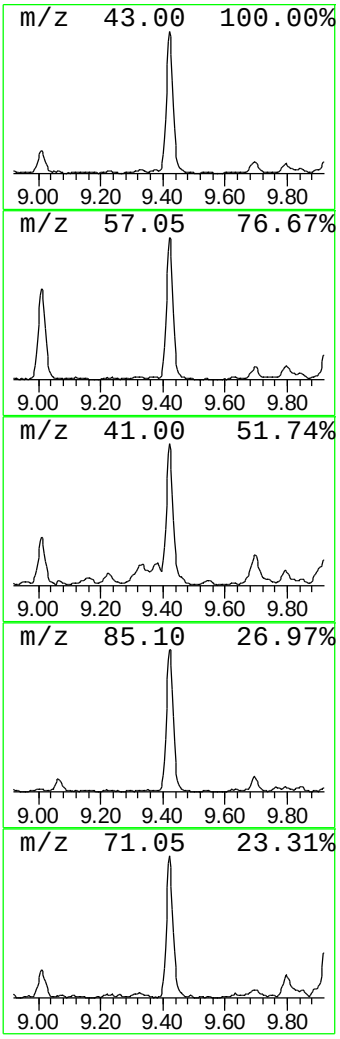
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.42 | 26.78 ug/L | 733351 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 94 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 3 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 72 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 64 |
| 5 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 59 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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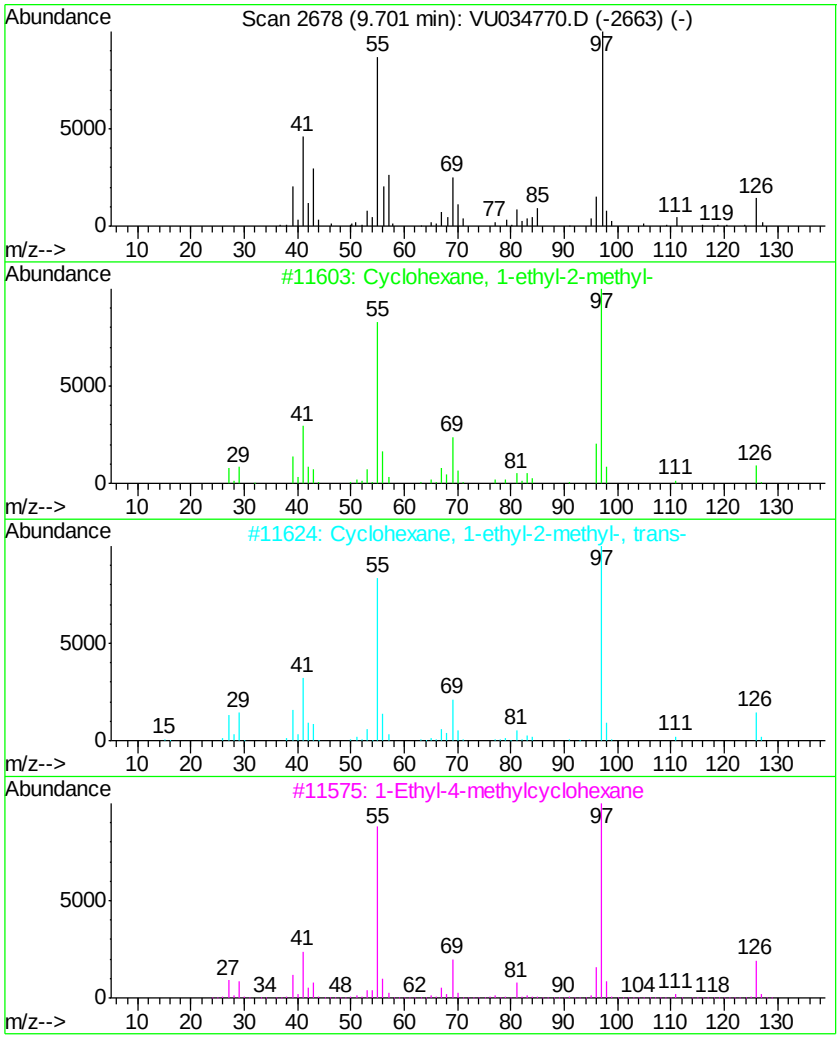
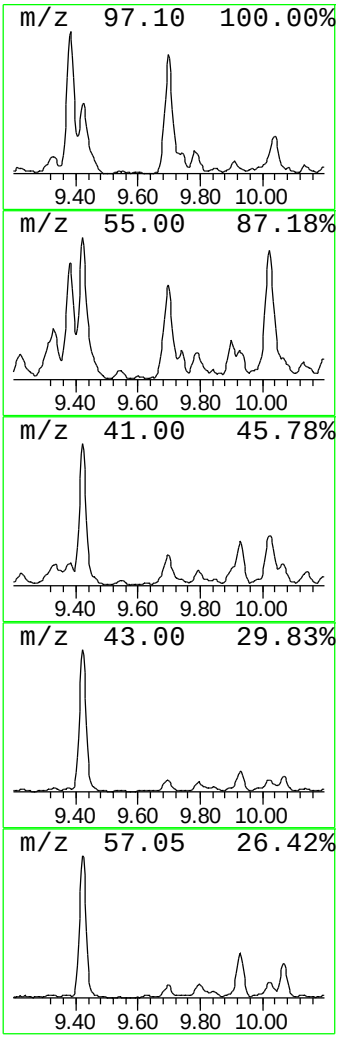
Peak Number 14 (DEL) Alkane: Cyclic9.70 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.70 | 8.53 ug/L | 233529 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 81 |
| 2 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 76 |
| 3 | 1-Ethyl-4-methylcyclohexane | 126 | C9H18 | 003728-56-1 | 68 |
| 4 | cis-1-Ethyl-3-methyl-cyclohexane | 126 | C9H18 | 019489-10-2 | 68 |
| 5 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 64 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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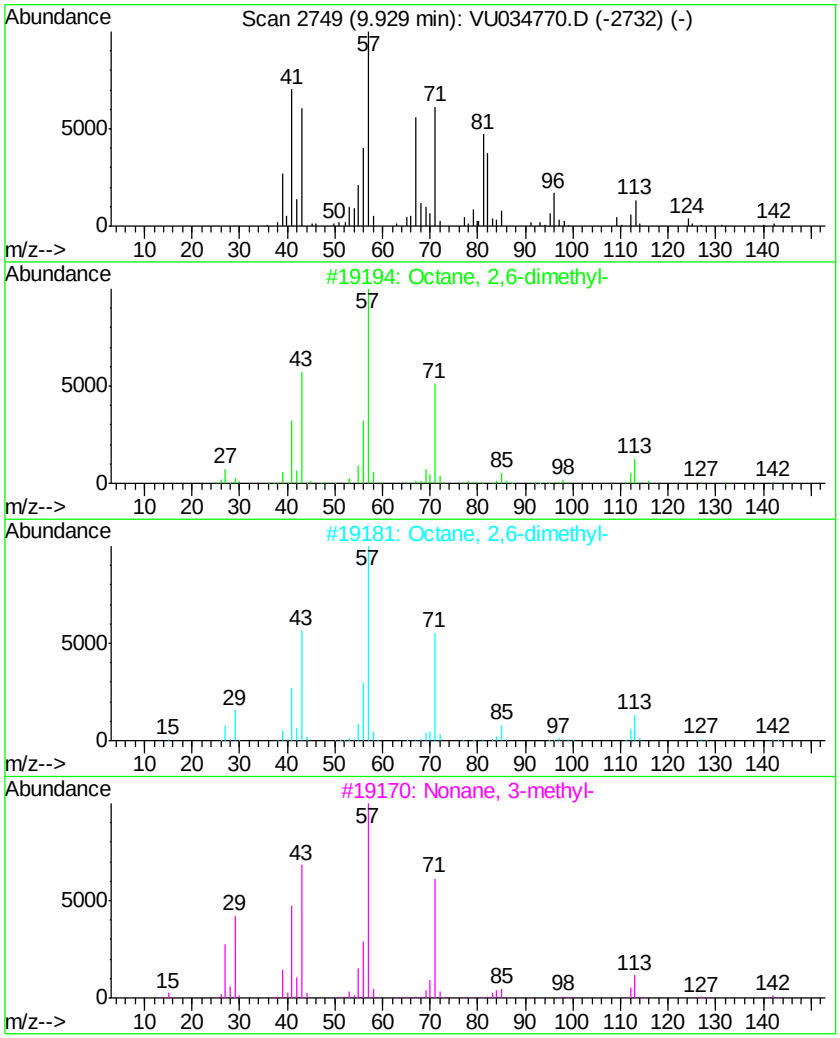
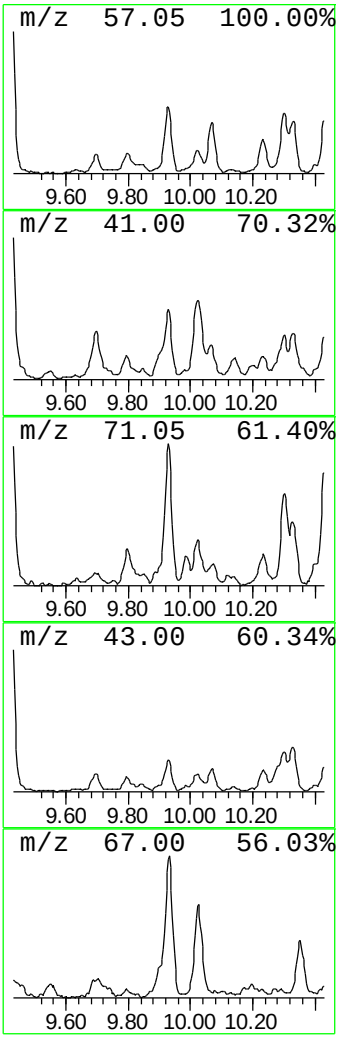
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.93 | 11.06 ug/L | 303027 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 60 |
| 2 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 60 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 50 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 50 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 49 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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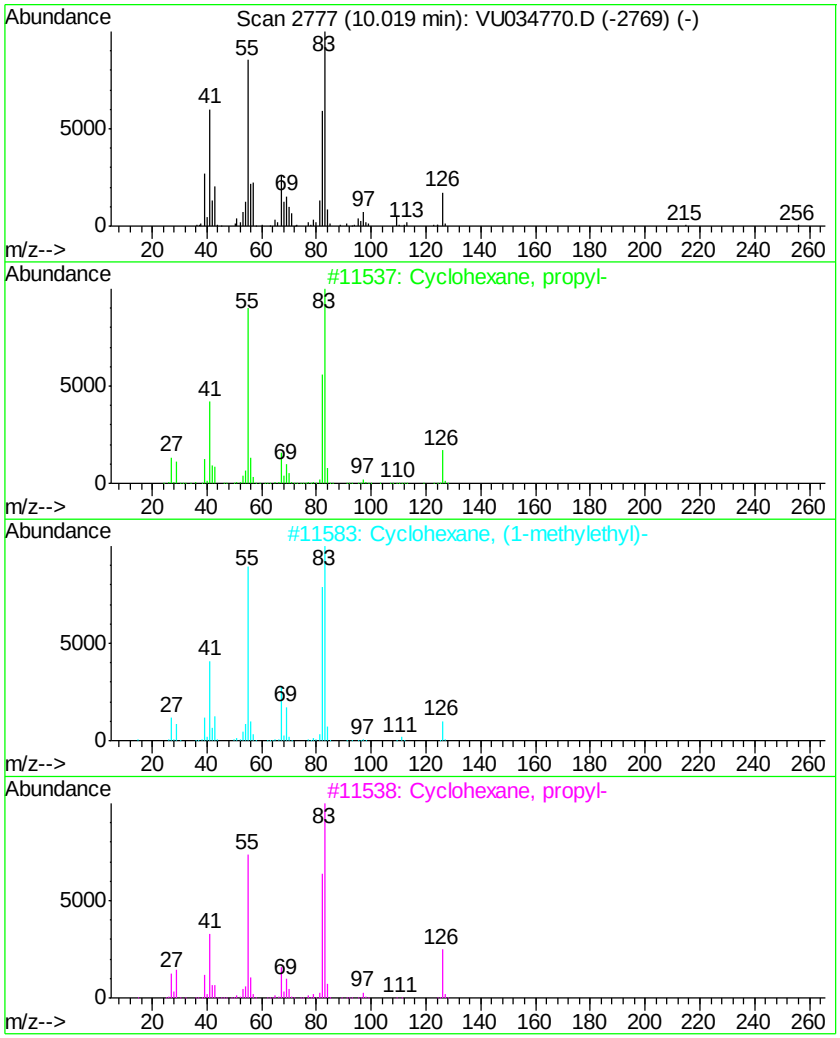
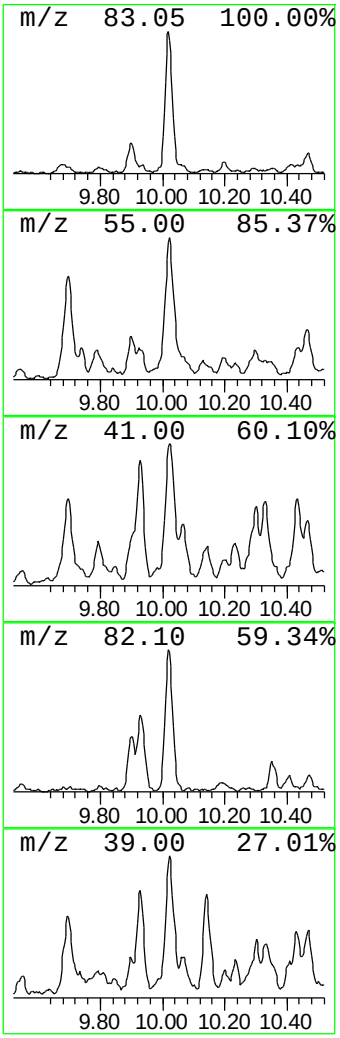
Peak Number 16 (DEL) Alkane: Cyclic10.02 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.02 | 10.47 ug/L | 286736 | Chlorobenzene-d5 | 9.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 74 |
| 2 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 74 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 74 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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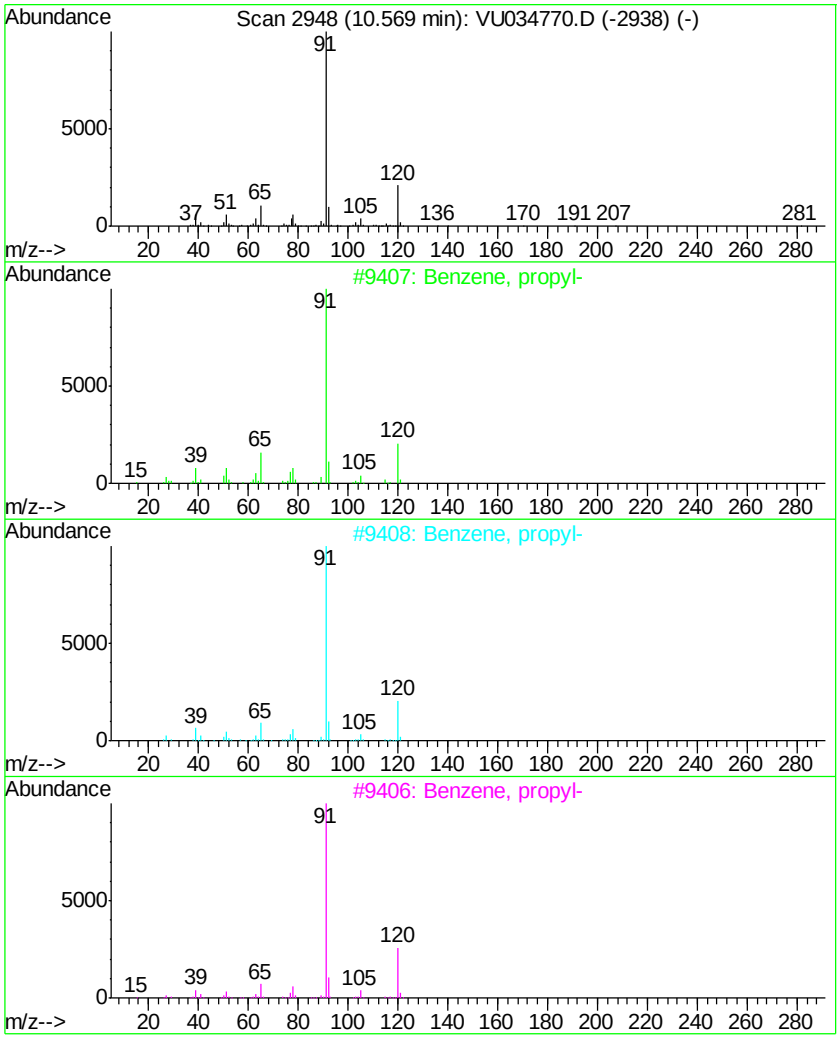
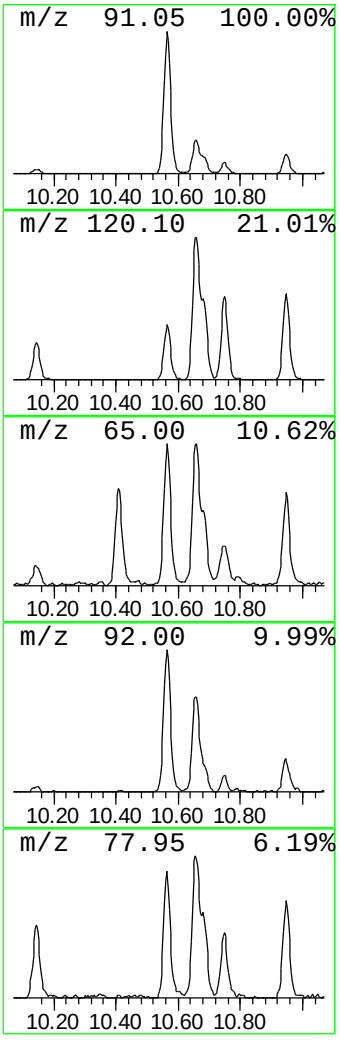
Peak Number 17 Benzene, propyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.57 | 14.05 ug/L | 414899 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 91 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 86 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |
| 5 | Ethanol, 2-[(phenylmethyl)amino]- | 151 | C9H13NO | 000104-63-2 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

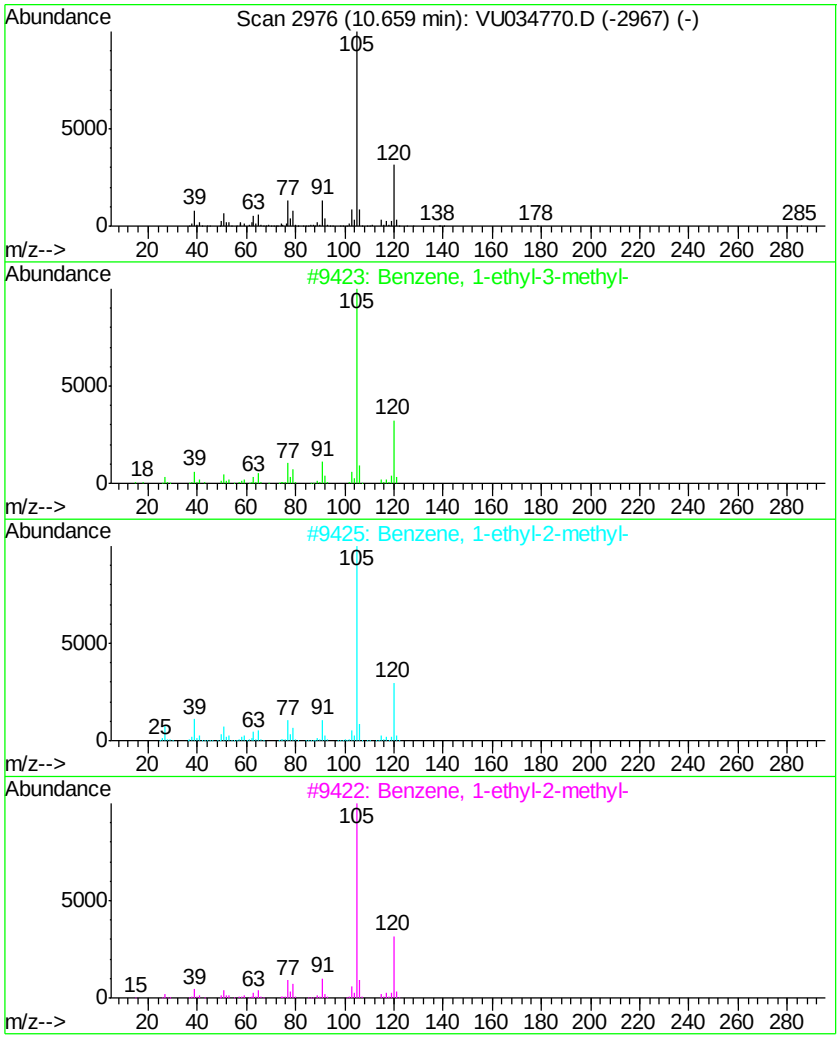
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

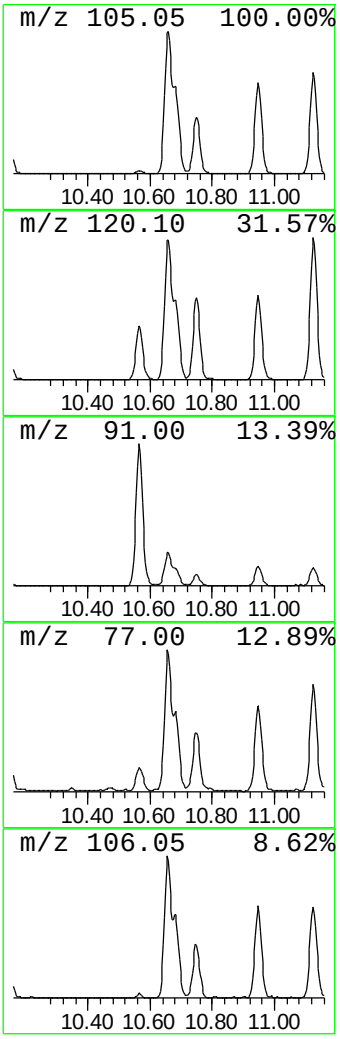
**********

Peak Number 18 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.66 | 35.84 ug/L | 1057920 | 1,4-Dichlorobenzene-d4 | 11.46 |

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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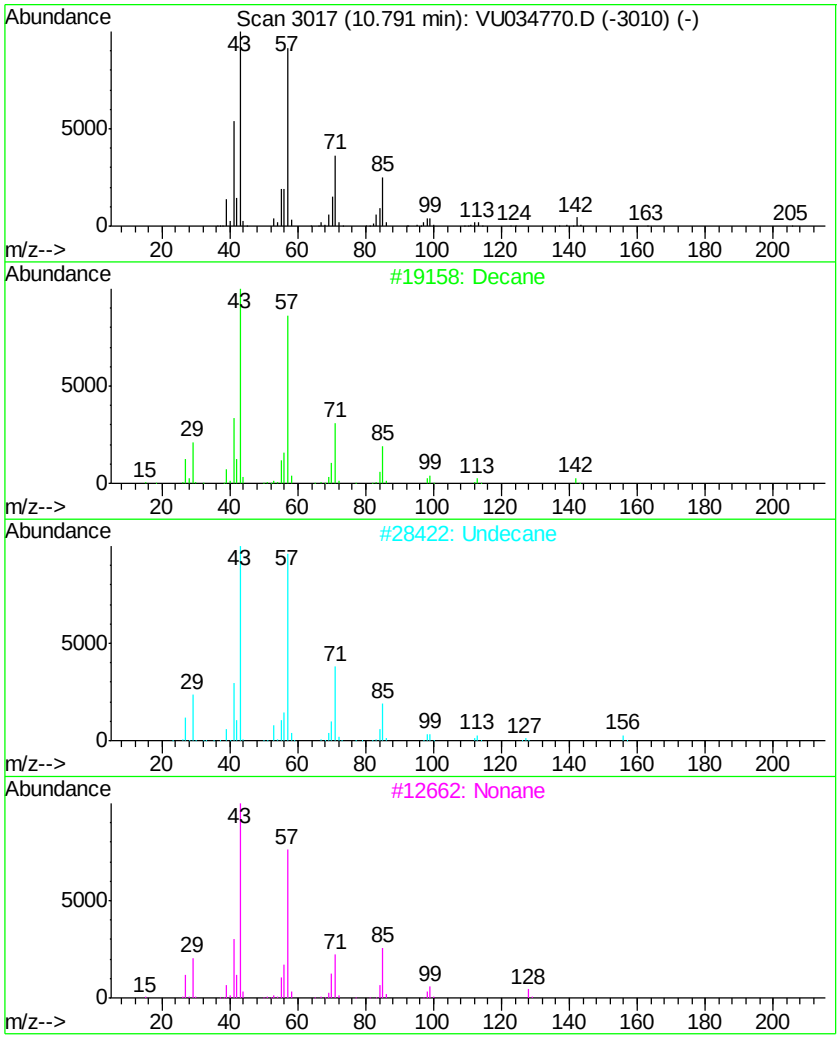
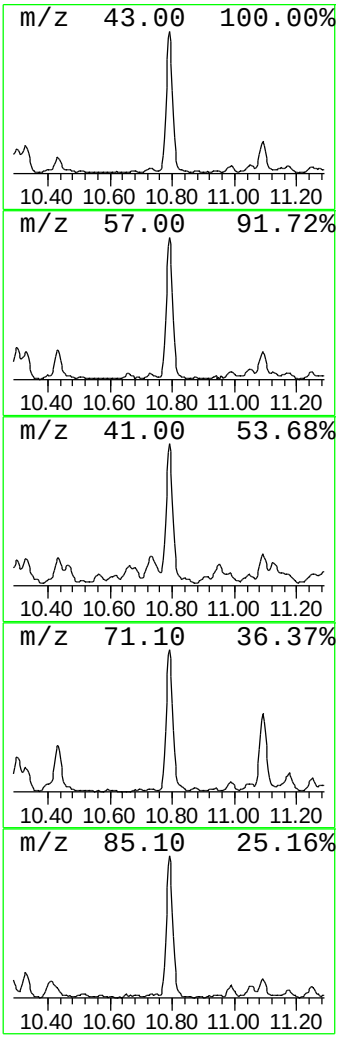
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.79 | 23.19 ug/L | 684465 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 91 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 83 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 83 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 72 |
| 5 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 64 |



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Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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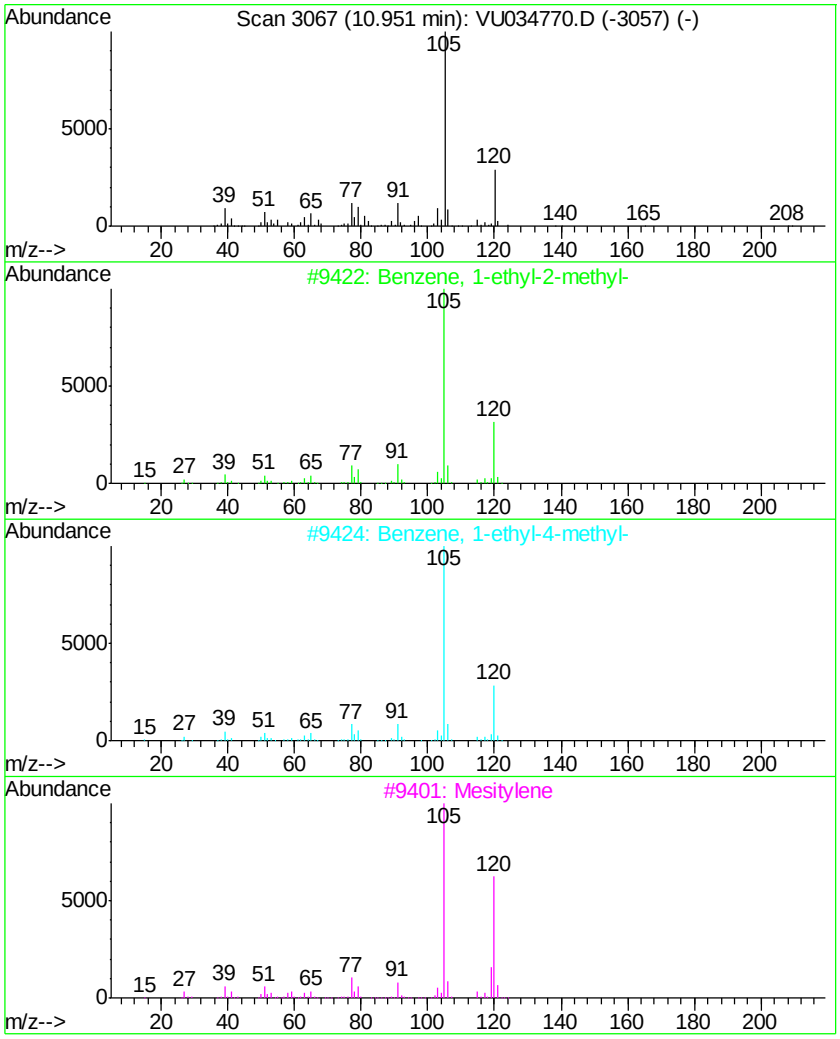
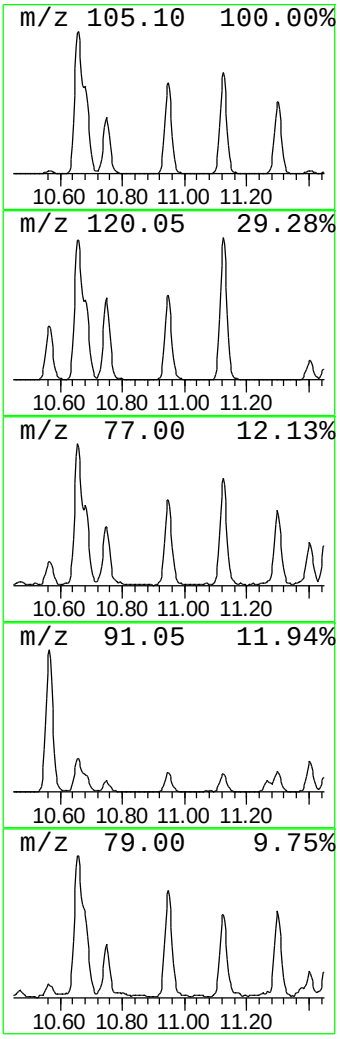
Peak Number 20 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.95 | 25.80 ug/L | 761512 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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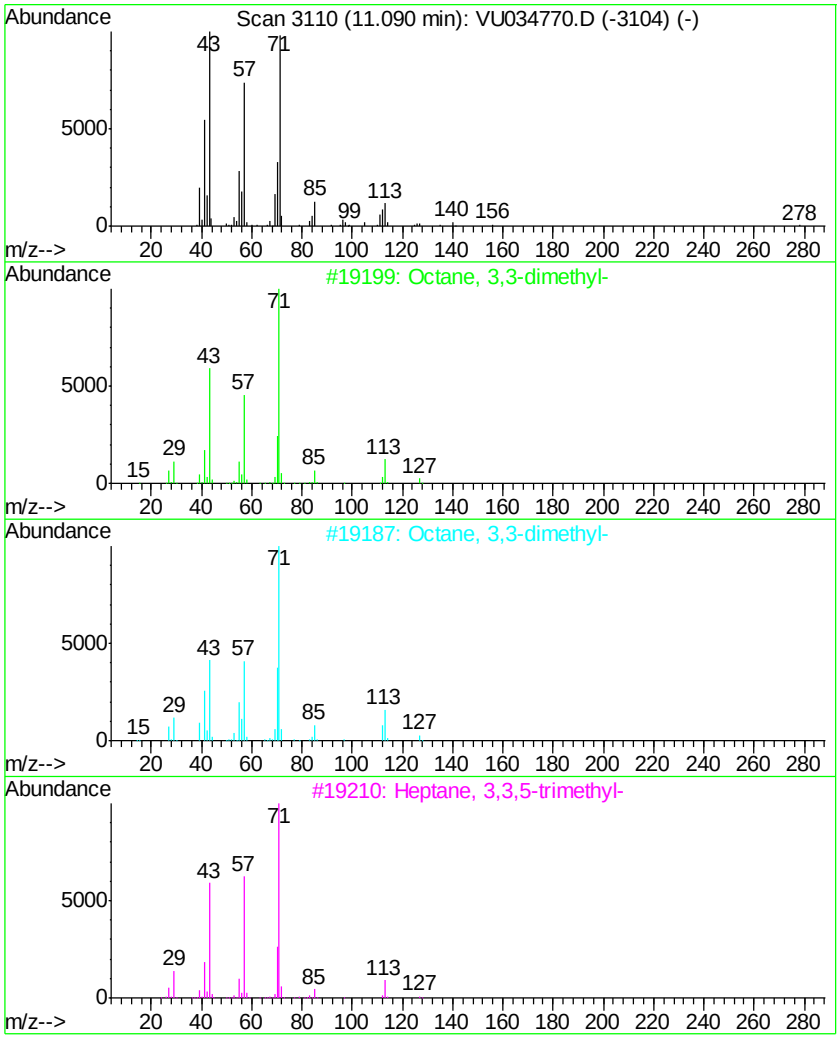
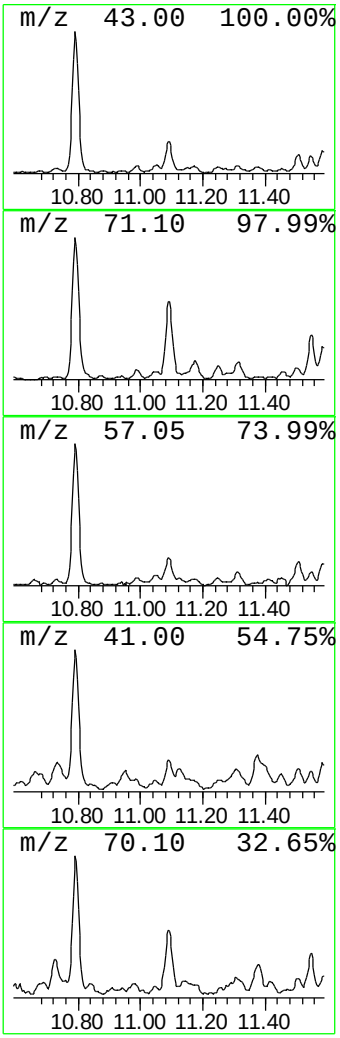
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.09 | 3.89 ug/L | 114829 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3,3-dimethyl- | 142 | C10H22 | 004110-44-5 | 72 |
| 2 | Octane, 3,3-dimethyl- | 142 | C10H22 | 004110-44-5 | 72 |
| 3 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 64 |
| 4 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 64 |
| 5 | Undecane, 3,8-dimethyl- | 184 | C13H28 | 017301-30-3 | 59 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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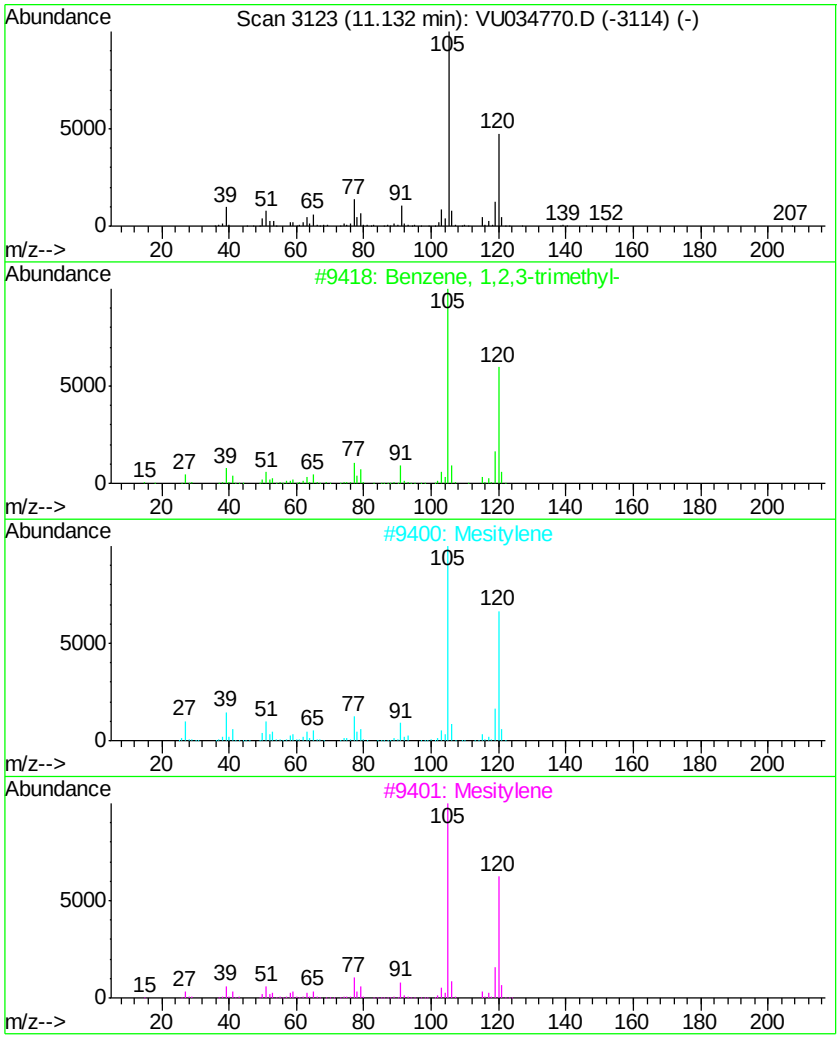
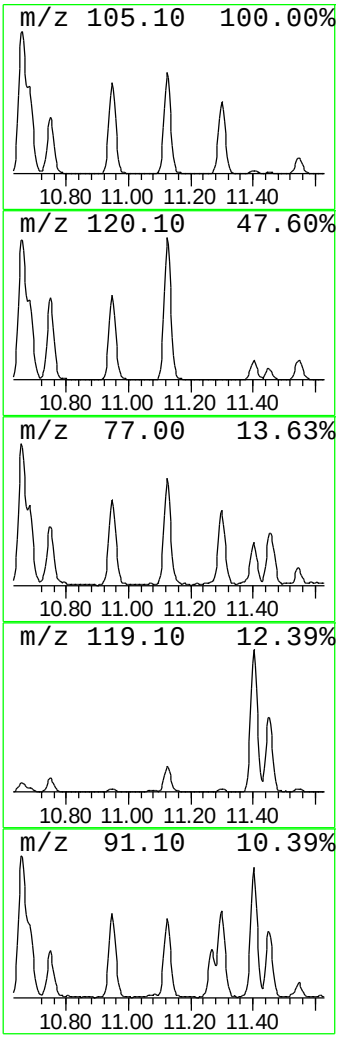
Peak Number 22 Benzene, 1,2,3-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.13 | 24.93 ug/L | 735985 | 1,4-Dichlorobenzene-d4 | 11.46 |

| 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 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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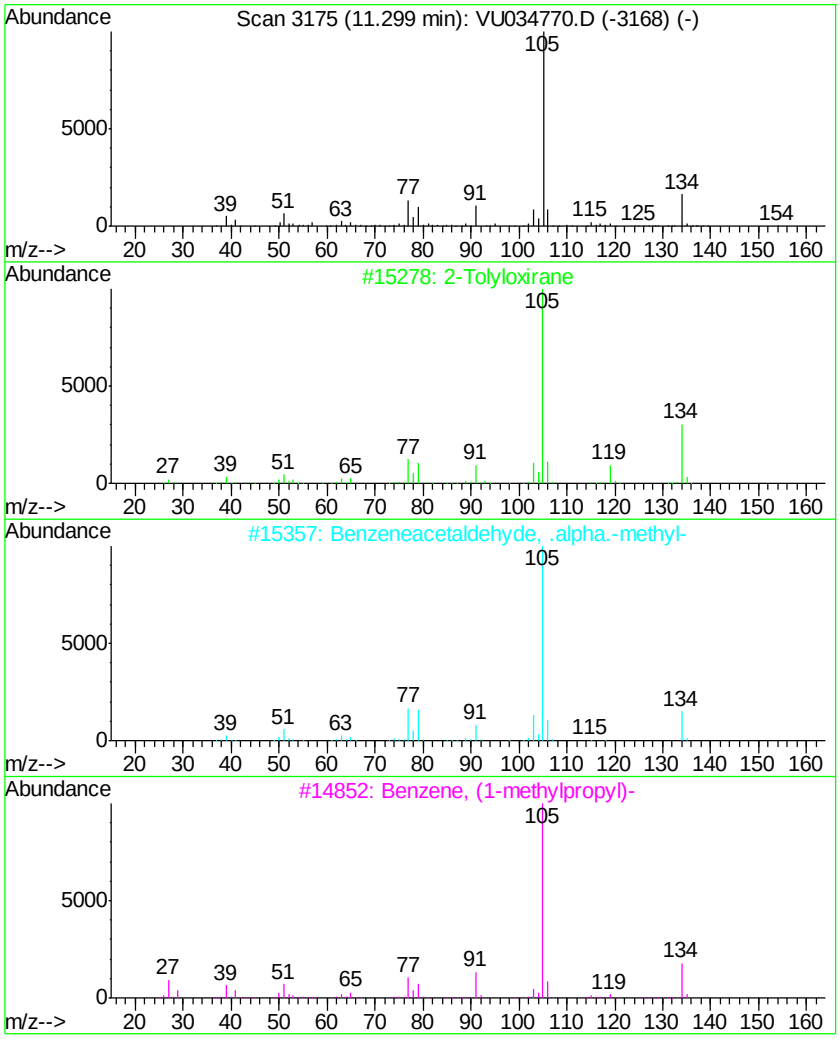
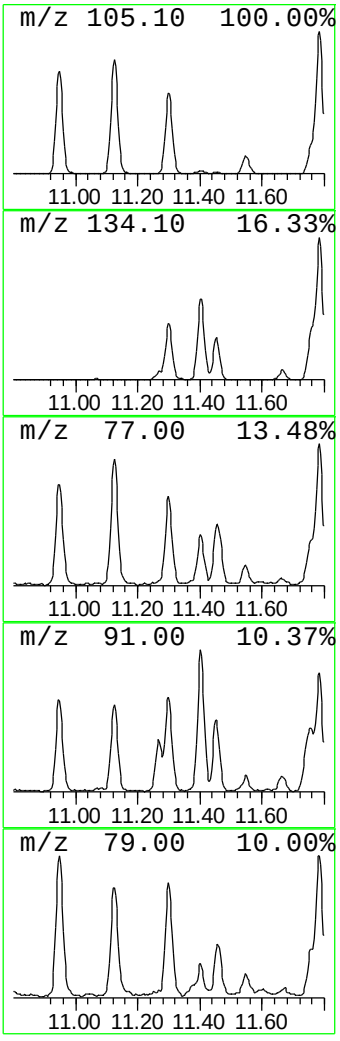
Peak Number 23 2-Tolyloxirane Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.30 | 17.41 ug/L | 514083 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Tolyloxirane | 134 | C9H10O | 002783-26-8 | 91 |
| 2 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 91 |
| 3 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 5 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 90 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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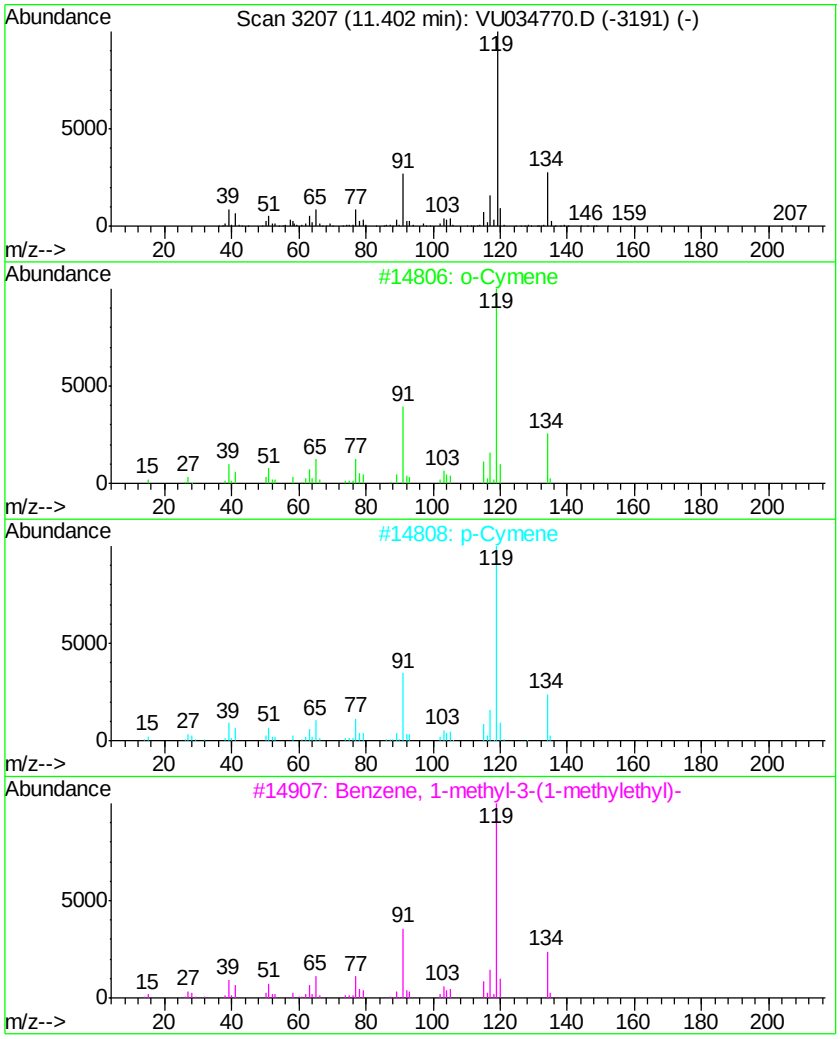
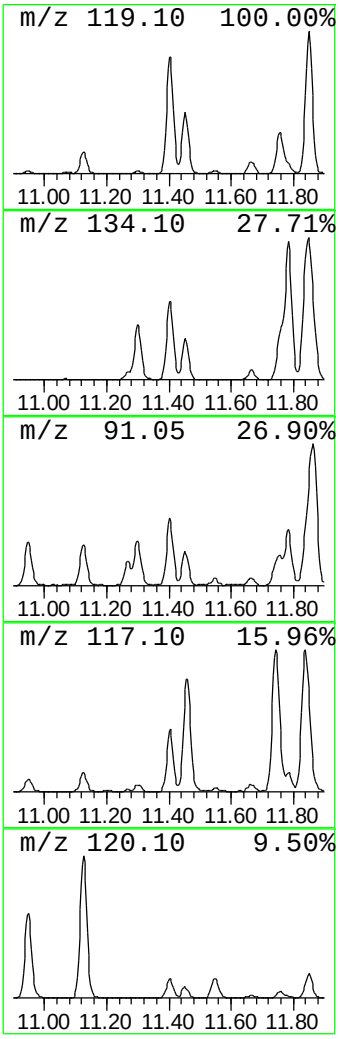
Peak Number 24 o-Cymene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.40 | 23.36 ug/L | 689754 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 96 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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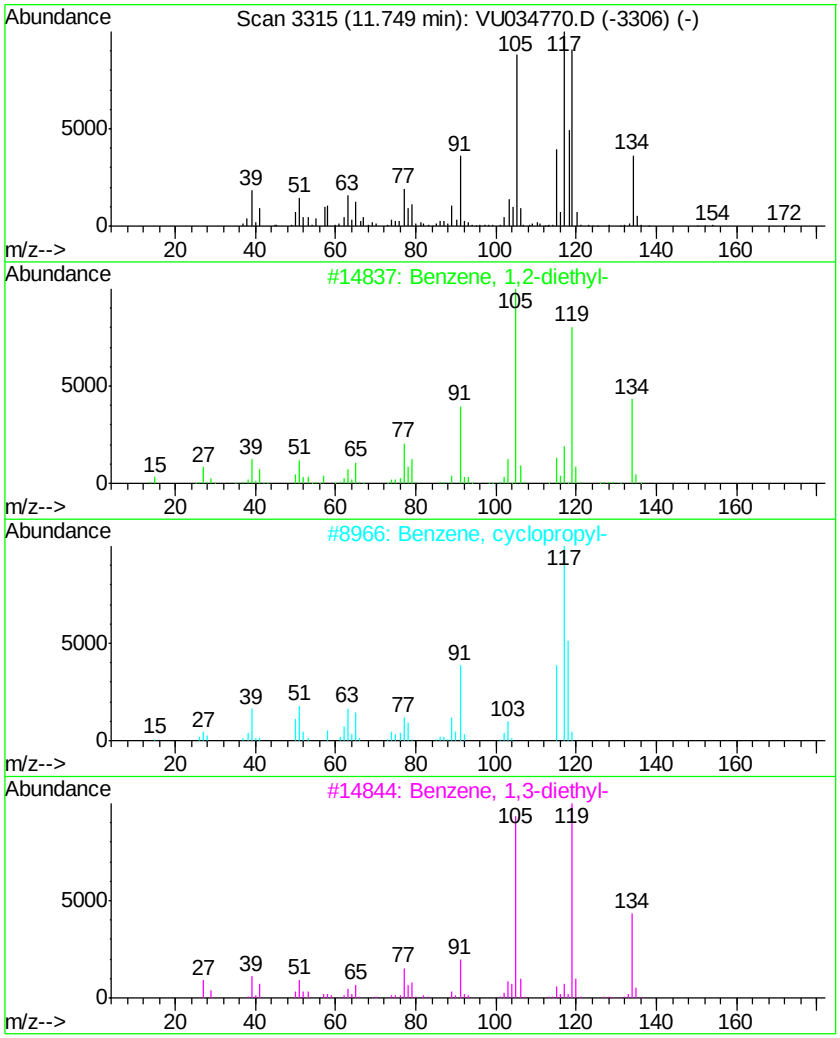
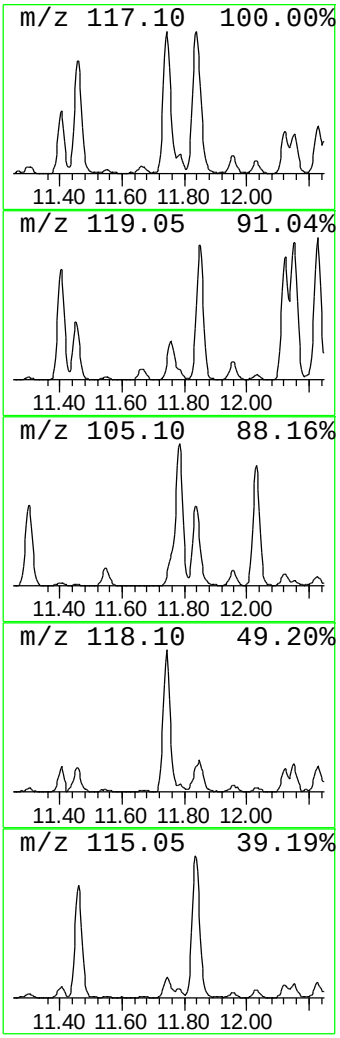
Peak Number 26 Benzene, 1,2-diethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.75 | 14.46 ug/L | 426855 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 92 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 64 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 64 |
| 5 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 60 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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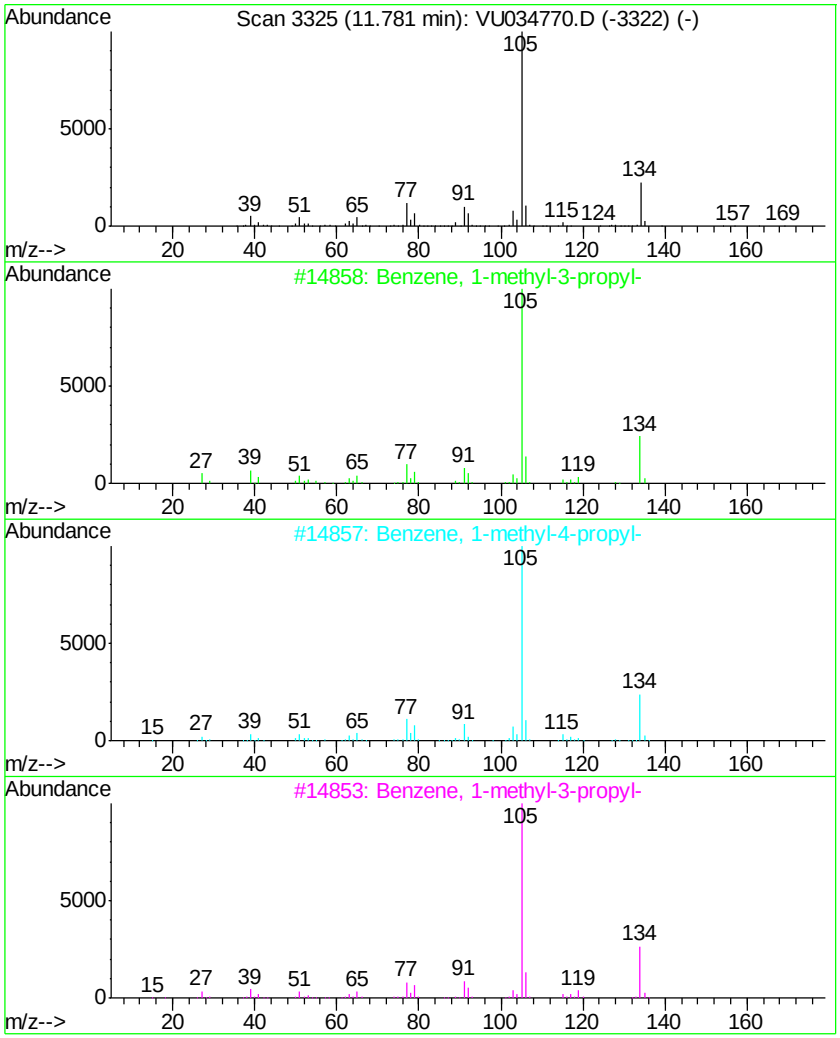
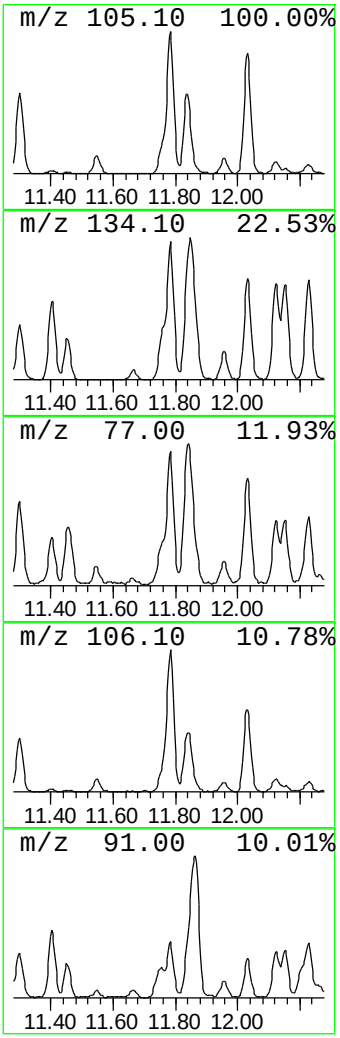
Peak Number 27 Benzene, 1-methyl-3-propyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.78 | 23.76 ug/L | 701433 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 91 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 3 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 91 |
| 4 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 5 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

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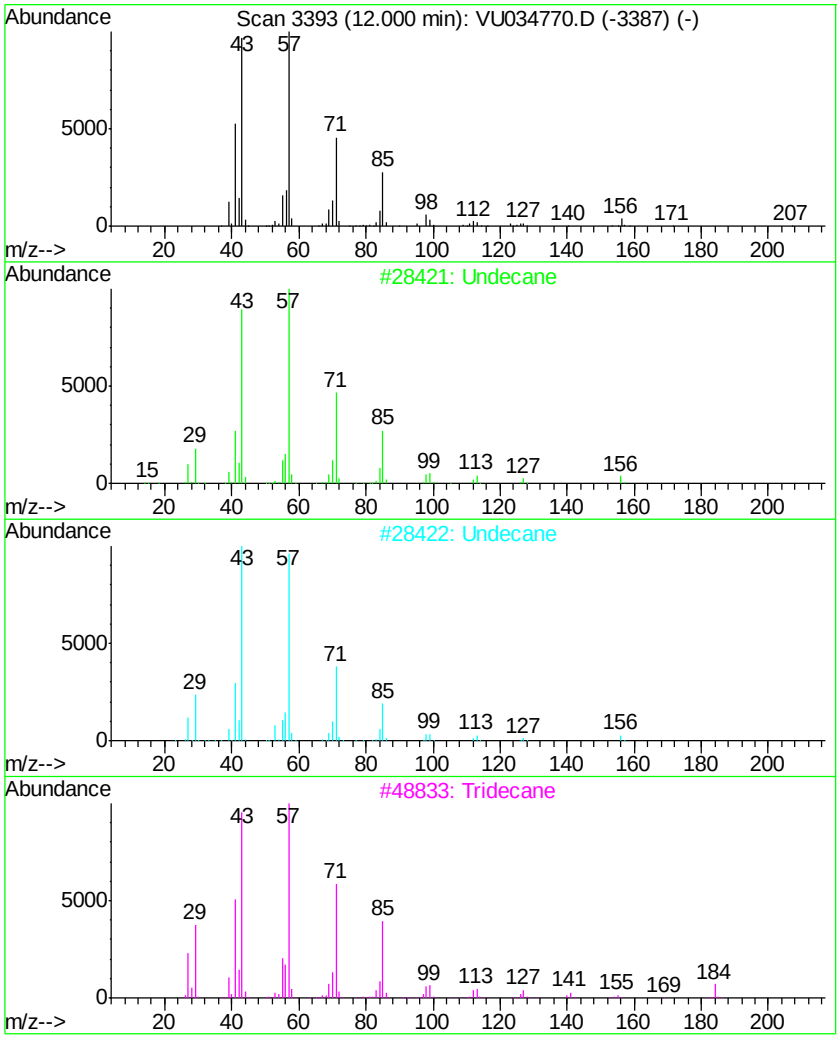
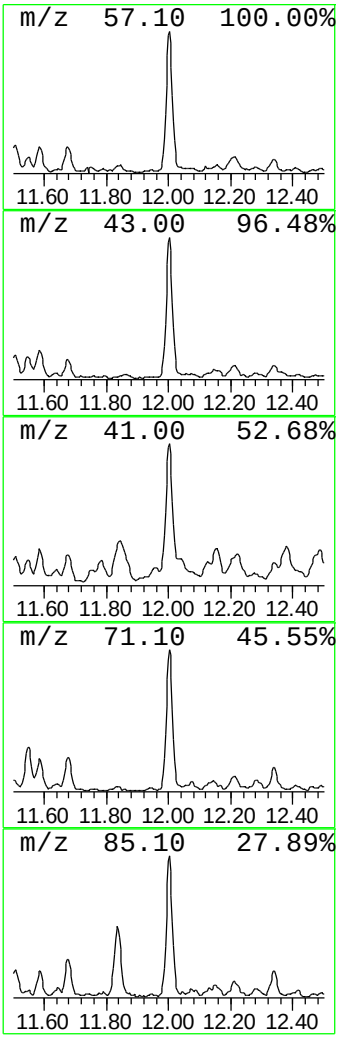
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.00 | 14.77 ug/L | 435988 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 90 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

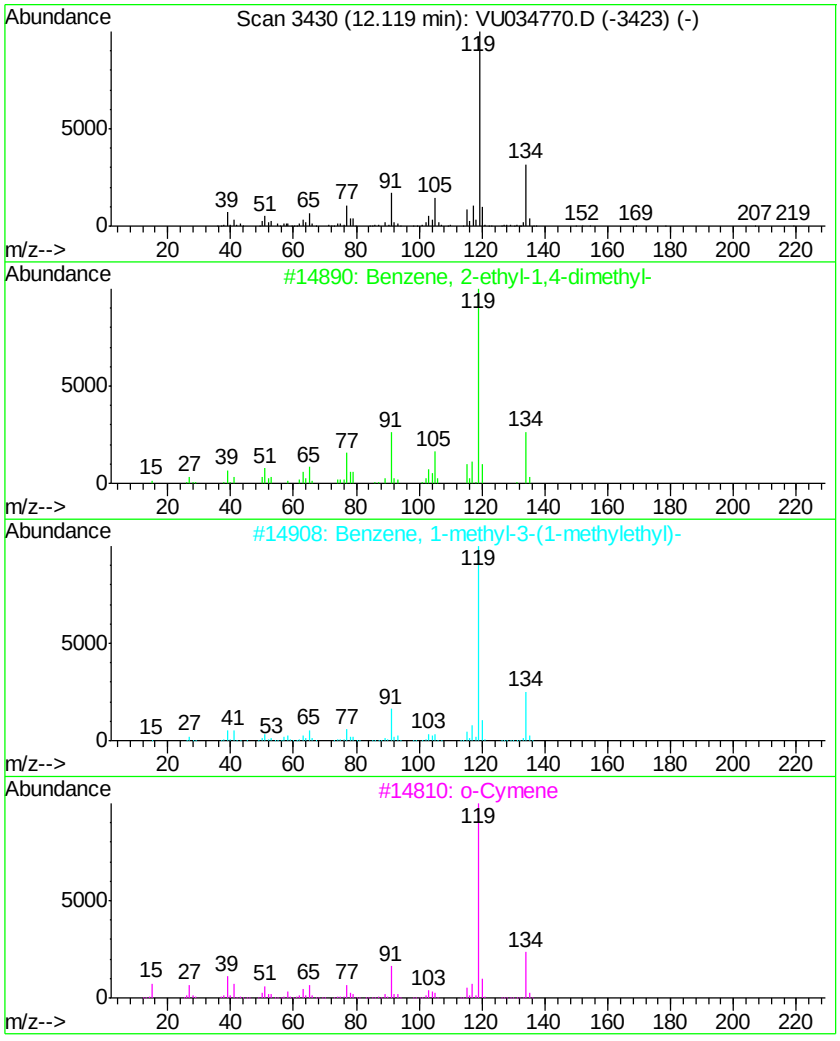
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

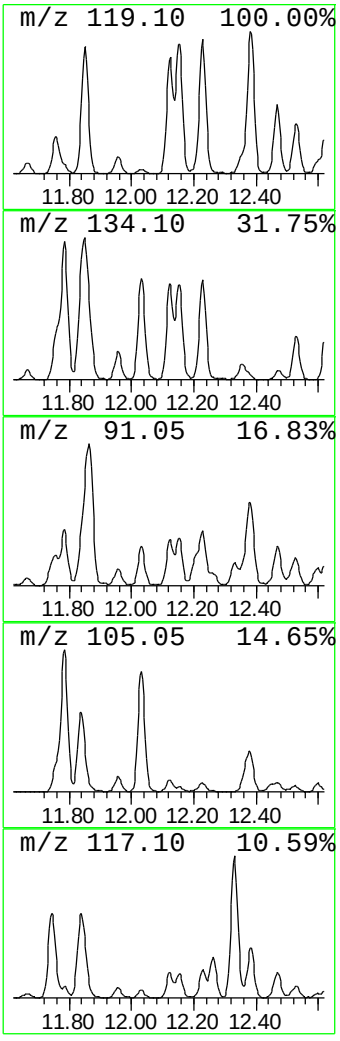
**********

Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.12 | 17.15 ug/L | 506289 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 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 | 95 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

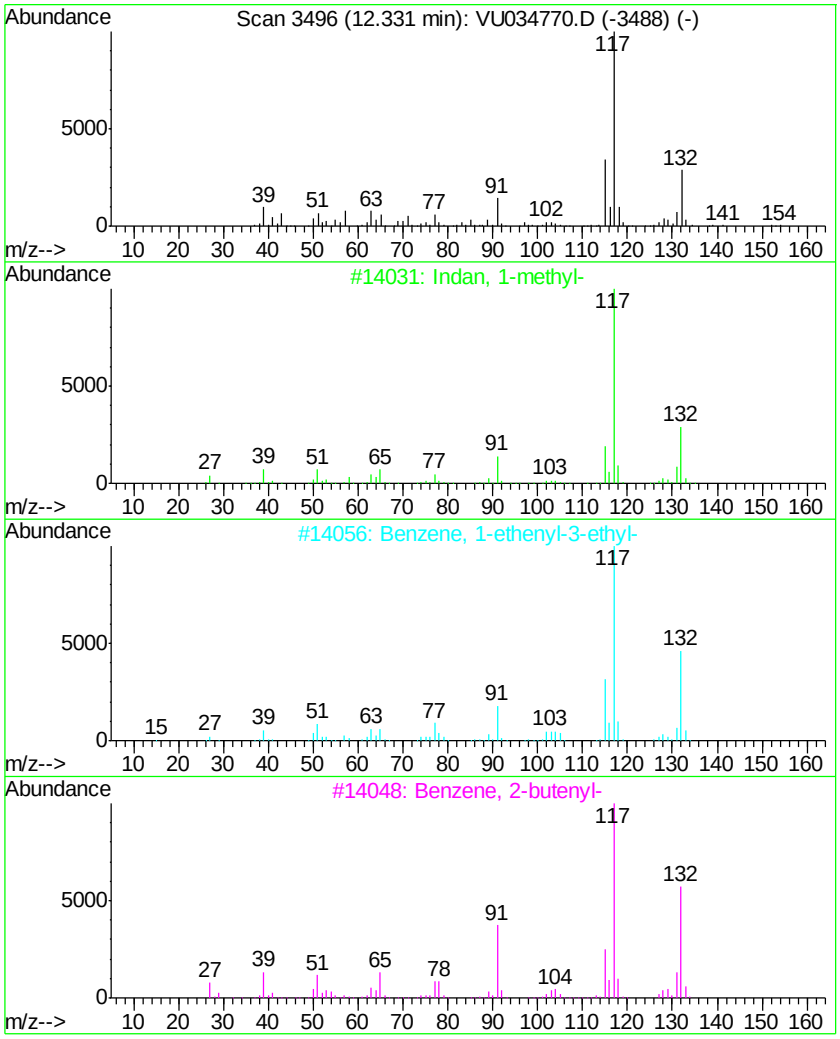
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

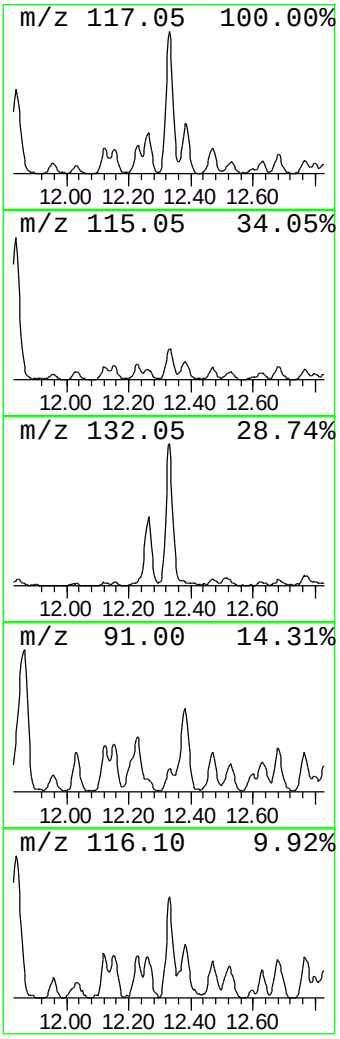
**********

Peak Number 32 Indan, 1-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.33 | 12.46 ug/L | 367929 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 3 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 83 |
| 4 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 83 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 80 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

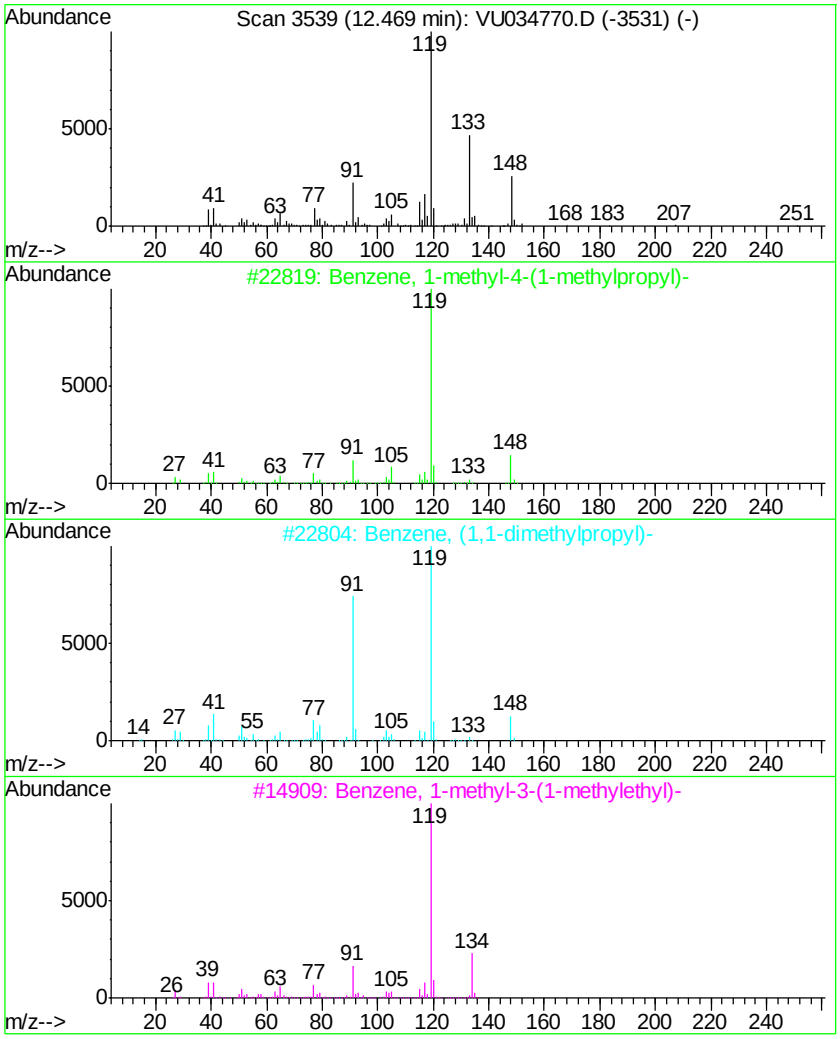
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

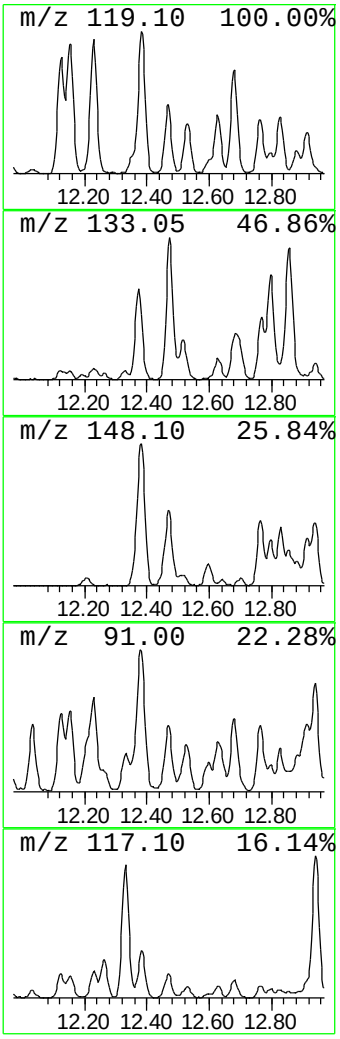
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Benzene, 1-methyl-4-(1-meth... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.47 | 16.21 ug/L | 478619 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 52 |
| 2 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 47 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 47 |
| 4 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 46 |
| 5 | 4'-Methylpropiophenone | 148 | C10H12O | 005337-93-9 | 43 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

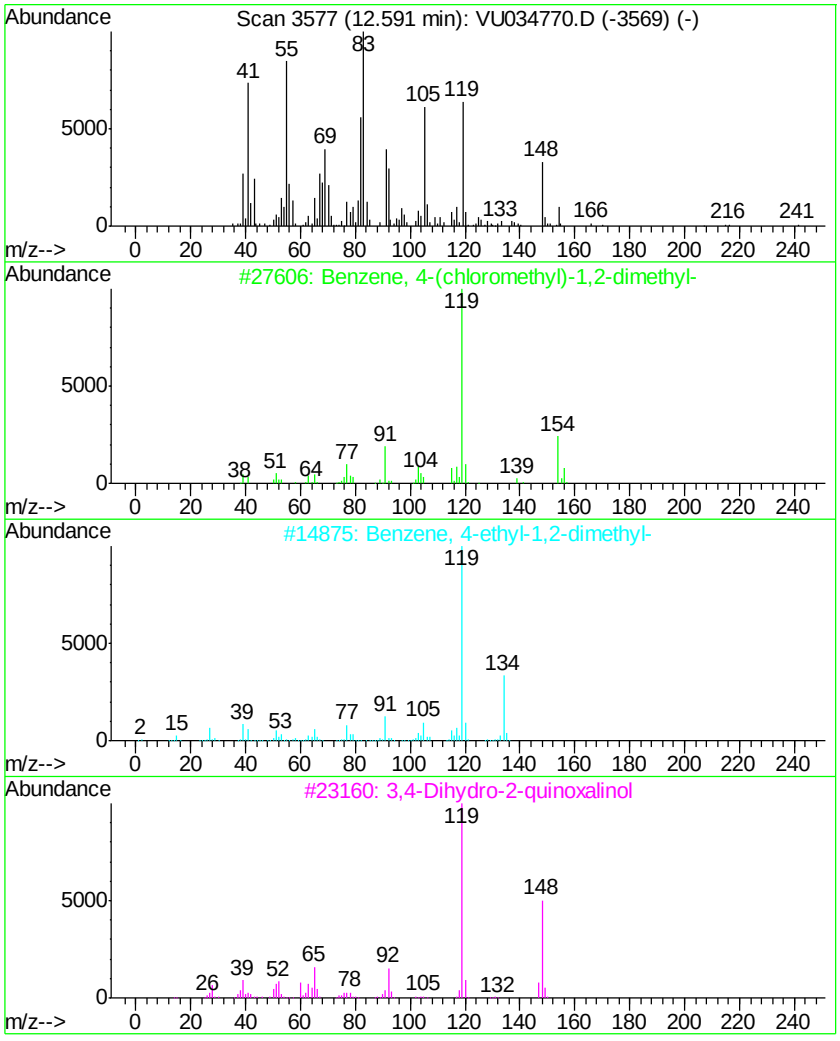
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

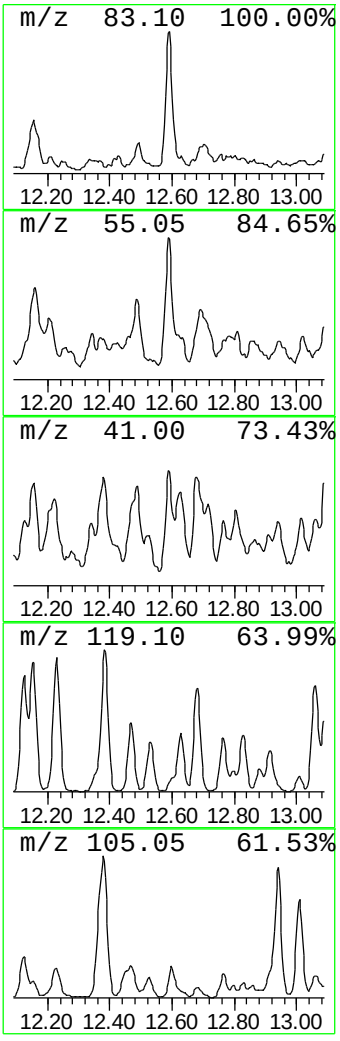
**********

Peak Number 34 unknown-01 Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.59 | 8.48 ug/L | 250243 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-(chloromethyl)-1,2-di... | 154 | C9H11Cl | 000102-46-5 | 38 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 30 |
| 3 | 3,4-Dihydro-2-quinoxalinol | 148 | C8H8N2O | 1000332-36-8 | 30 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 30 |
| 5 | 4-Methylphthalaldehyde | 148 | C9H8O2 | 015158-36-8 | 30 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

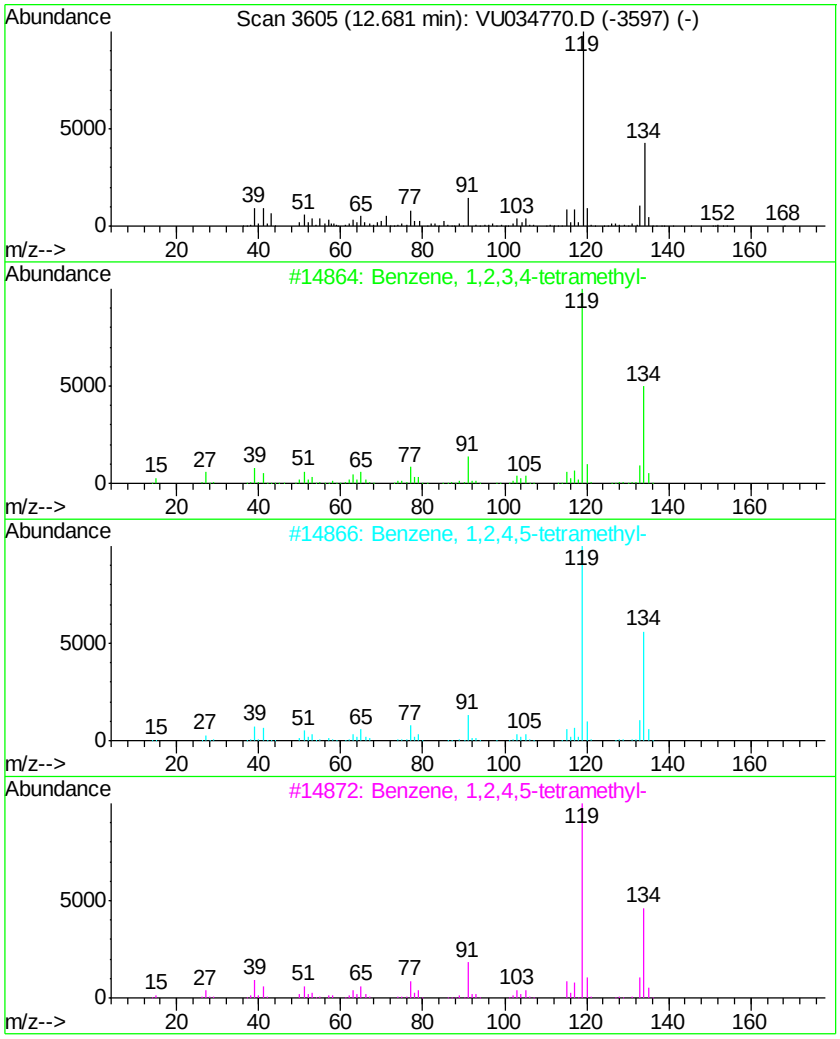
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

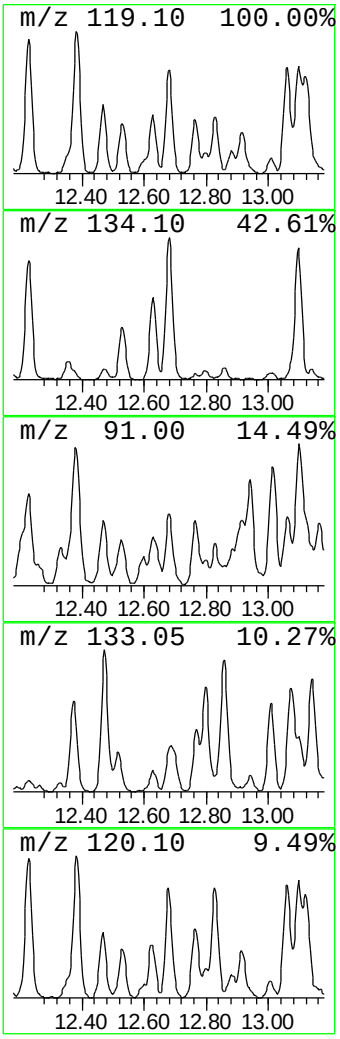
**********

Peak Number 35 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.68 | 23.58 ug/L | 696136 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 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\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

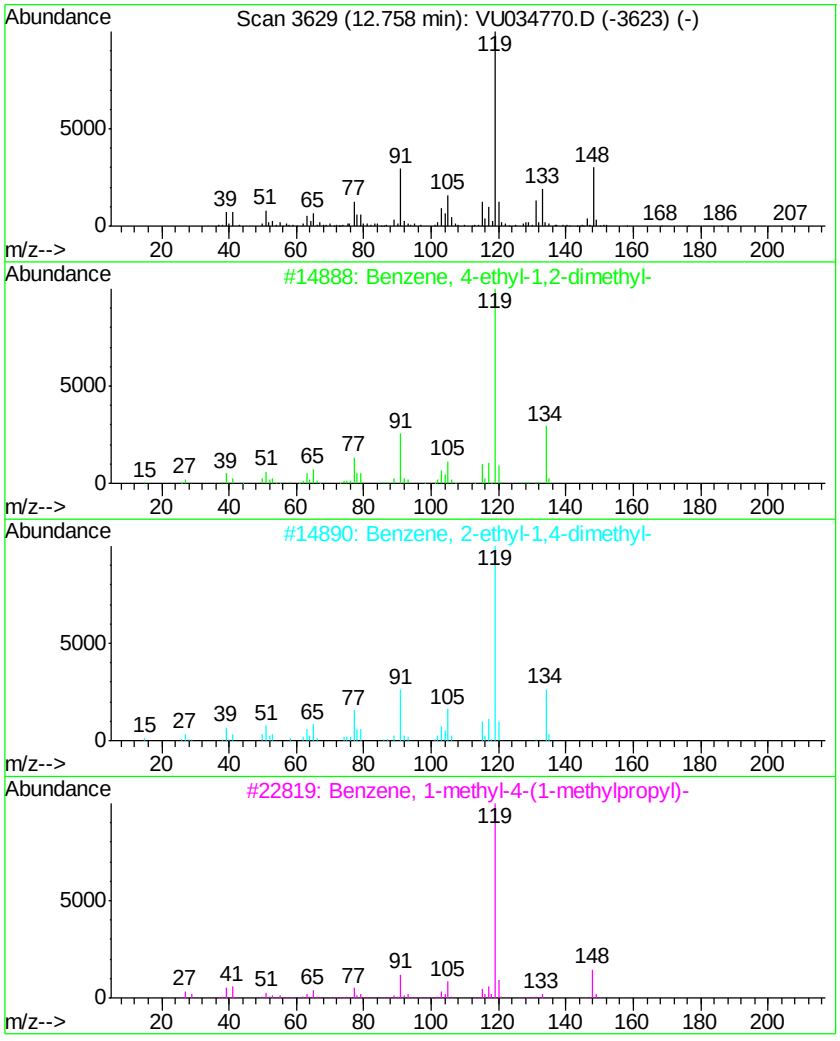
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

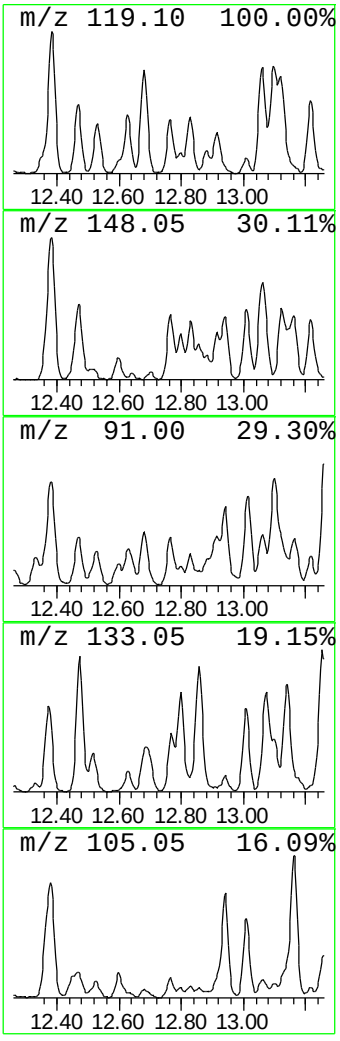
**********

Peak Number 36 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.76 | 12.13 ug/L | 358026 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 83 |
| 3 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 81 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 64 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

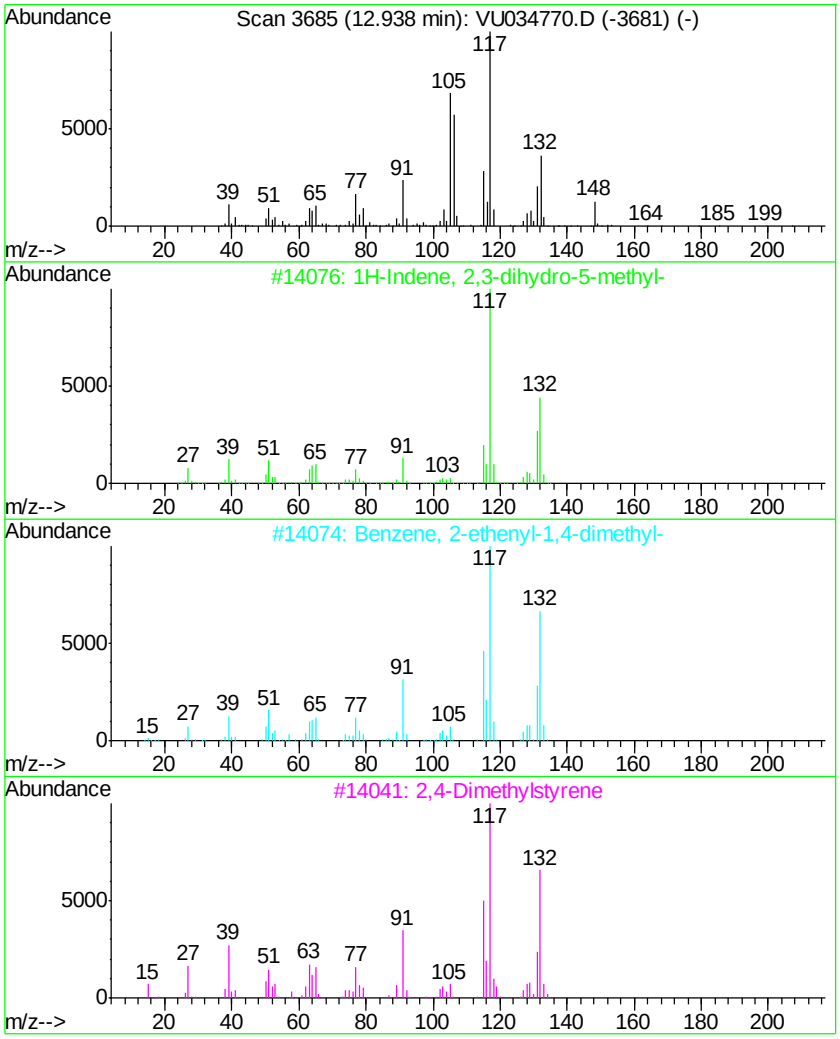
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

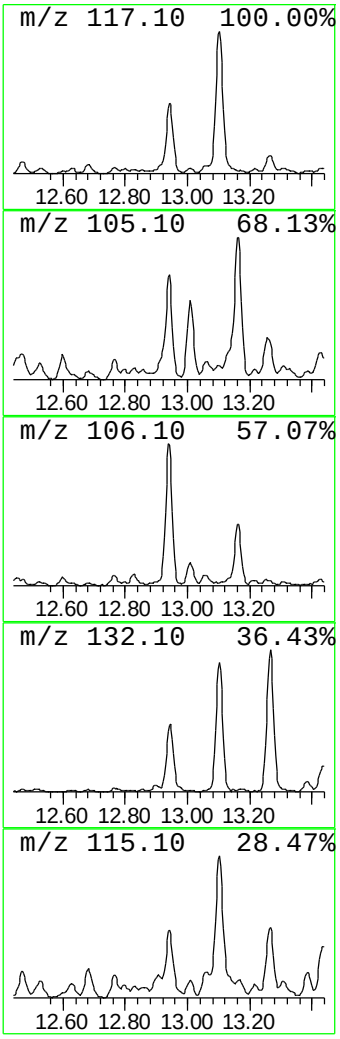
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.94 | 20.32 ug/L | 599972 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 92 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |
| 3 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 87 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 76 |
| 5 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 70 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

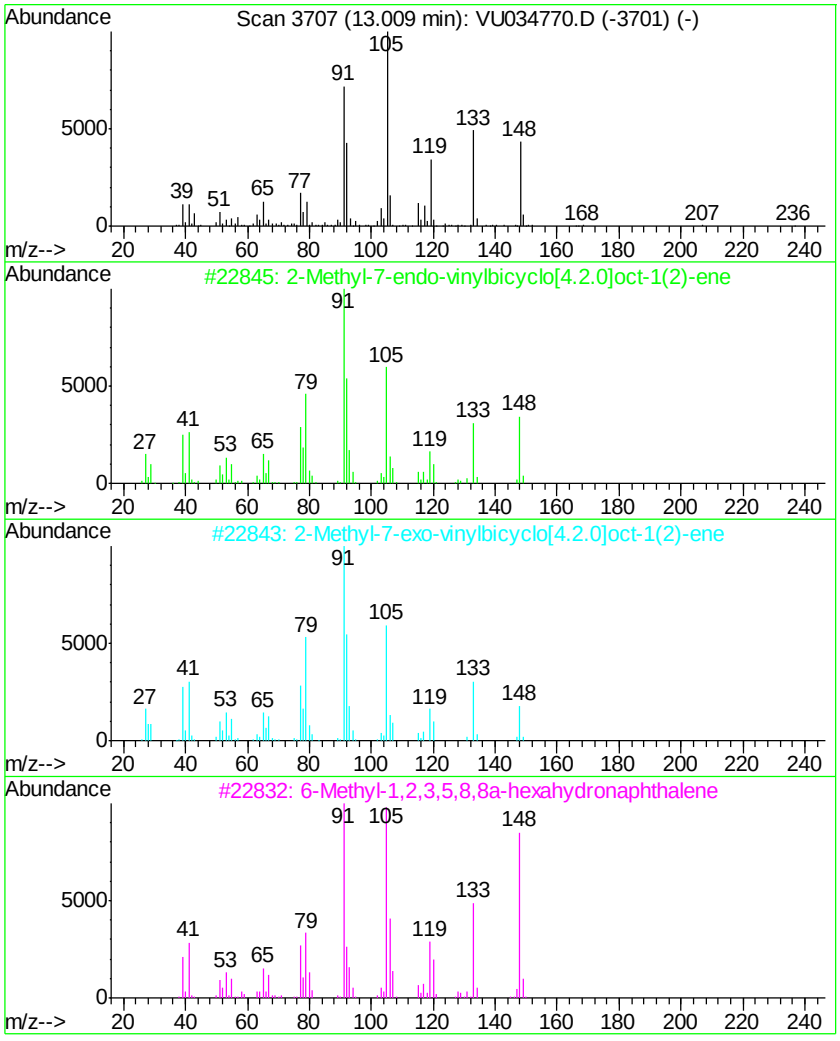
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

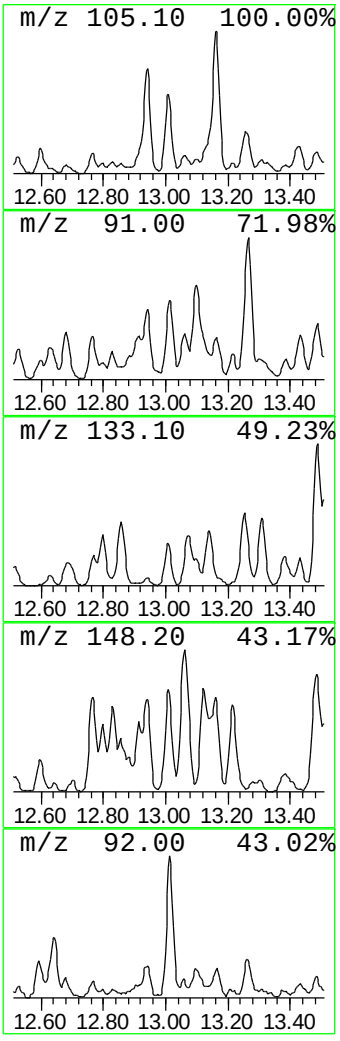
**********

Peak Number 38 2-Methyl-7-endo-vinylbicycl... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.01 | 9.59 ug/L | 283218 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyl-7-endo-vinylbicyclo[4.2... | 148 | C11H16 | 1000200-99-1 | 91 |
| 2 | 2-Methyl-7-exo-vinylbicyclo[4.2.... | 148 | C11H16 | 107914-89-6 | 86 |
| 3 | 6-Methyl-1,2,3,5,8,8a-hexahydron... | 148 | C11H16 | 107914-86-3 | 53 |
| 4 | 6-Methyl-1,2,3,5,8,8a-hexahydron... | 148 | C11H16 | 107914-86-3 | 53 |
| 5 | Tetracyclo[3.3.1.0.1(3,9)]decan-... | 148 | C10H12O | 016492-06-1 | 50 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

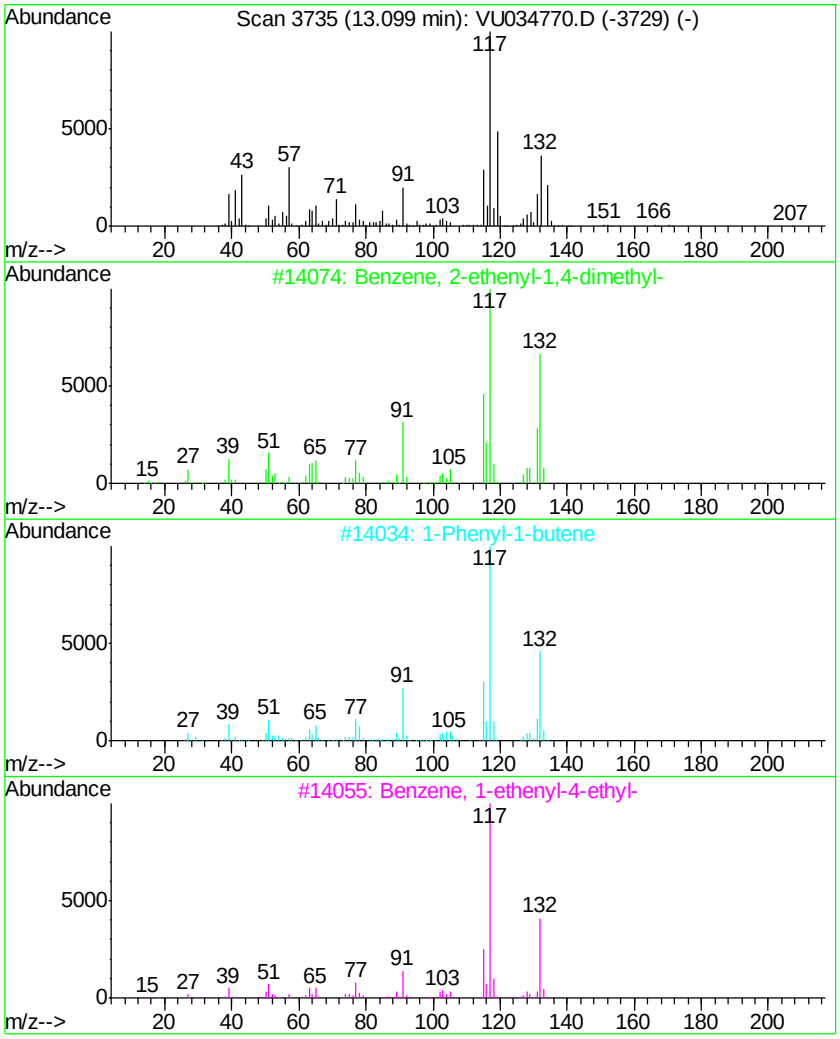
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

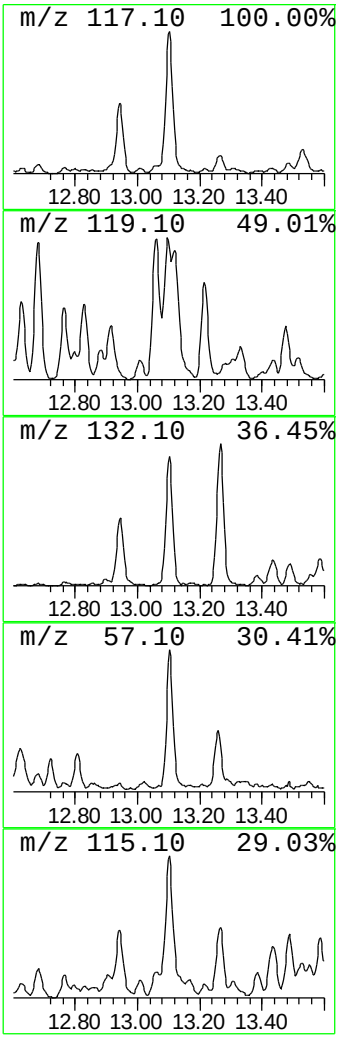
**********

Peak Number 40 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.10 | 46.39 ug/L | 1369490 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 90 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 70 |
| 3 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 64 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 64 |
| 5 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

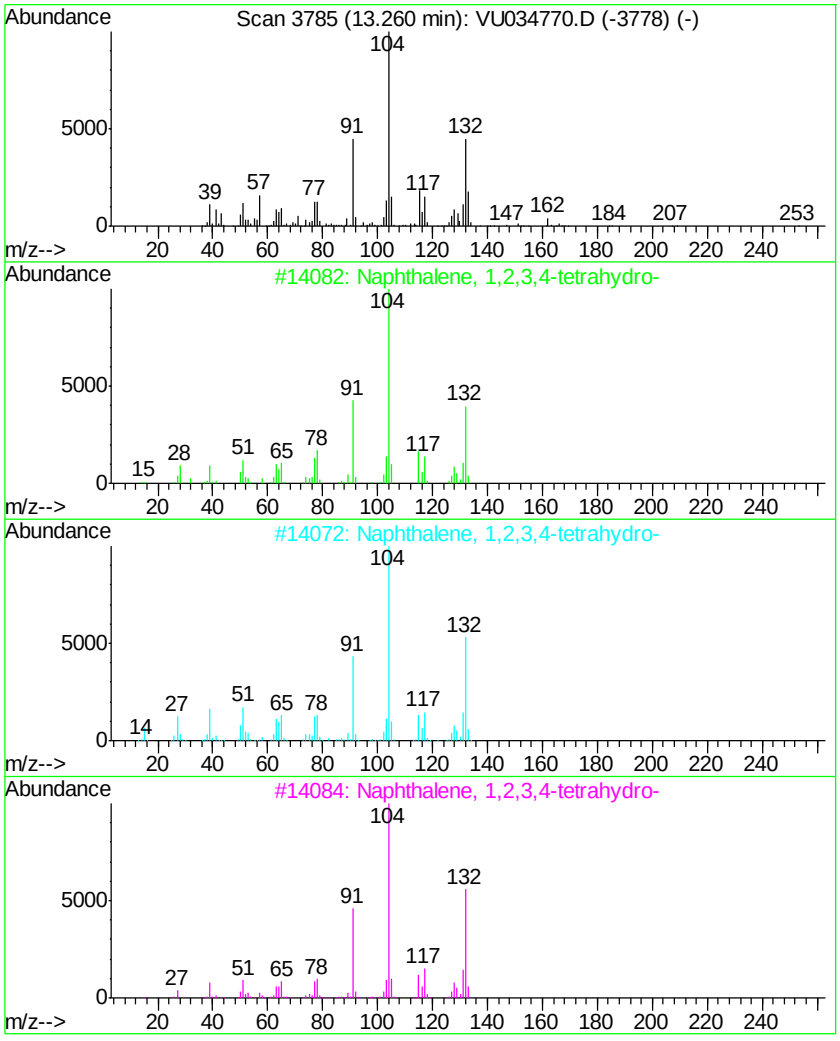
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

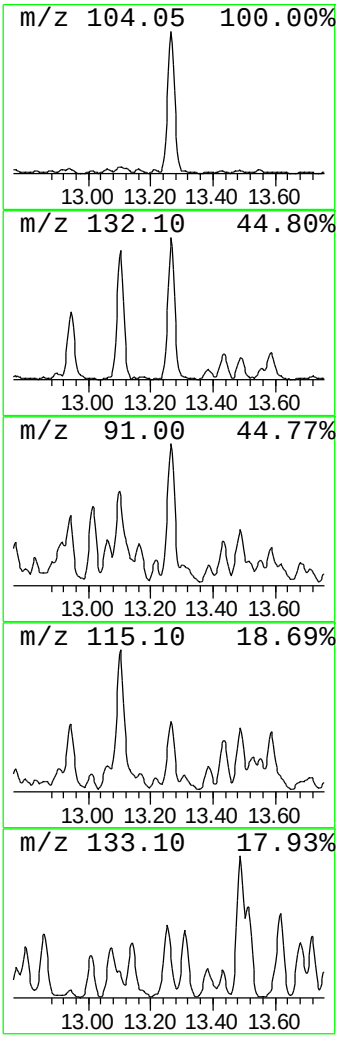
**********

Peak Number 42 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.26 | 28.60 ug/L | 844169 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 5 | Indan, epoxide | 132 | C9H8O | 000768-22-9 | 58 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

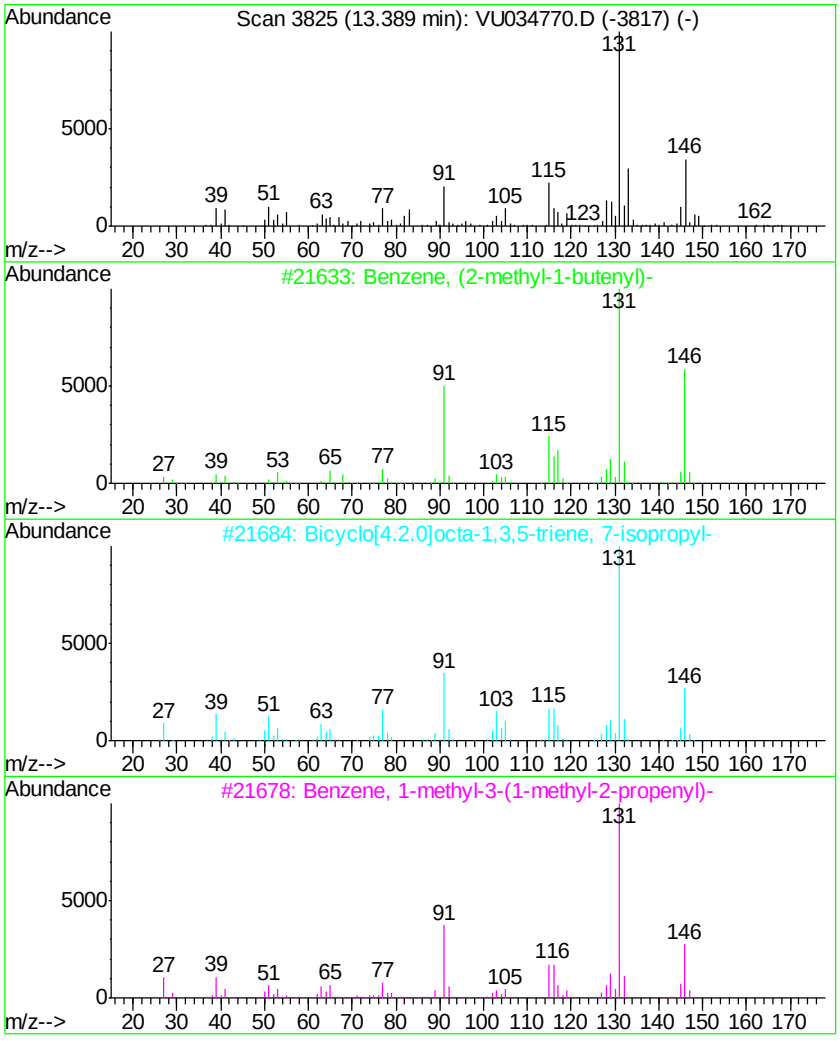
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

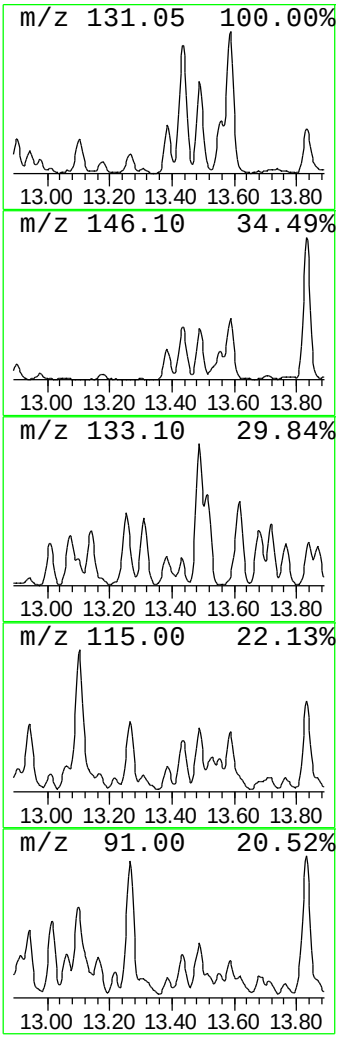
**********

Peak Number 43 Benzene, (2-methyl-1-butenyl)- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.39 | 7.74 ug/L | 228533 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 81 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14 | 027087-54-3 | 81 |
| 3 | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14 | 052161-57-6 | 74 |
| 4 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 74 |
| 5 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 72 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

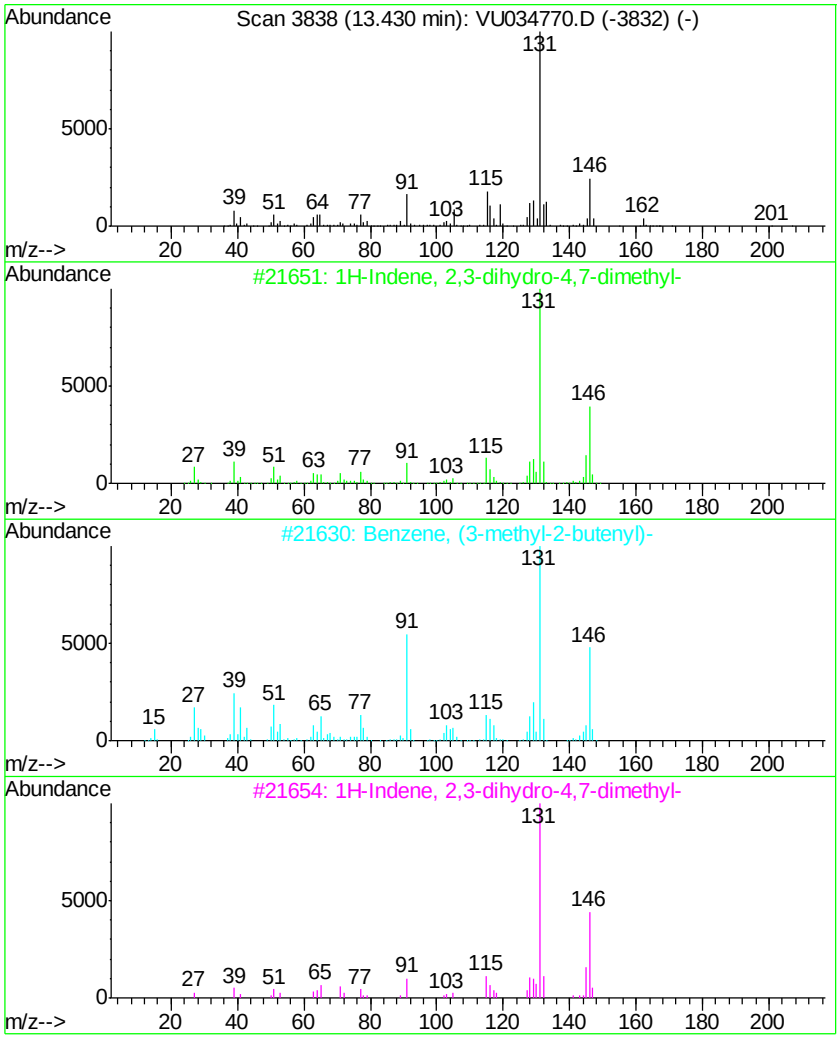
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

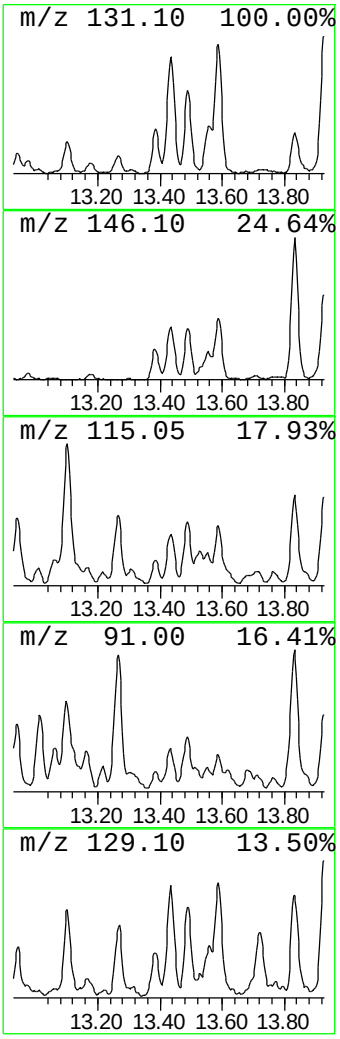
**********

Peak Number 44 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.43 | 13.96 ug/L | 412241 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 87 |
| 2 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 87 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 87 |
| 4 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 87 |
| 5 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 87 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

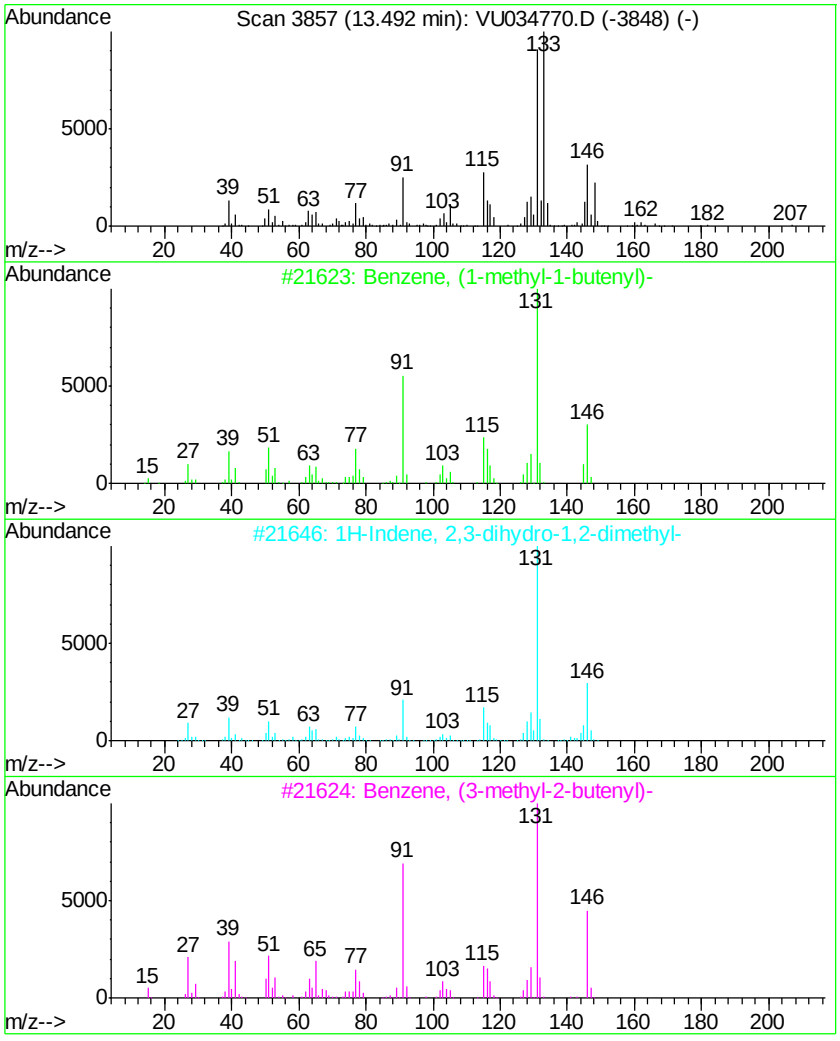
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

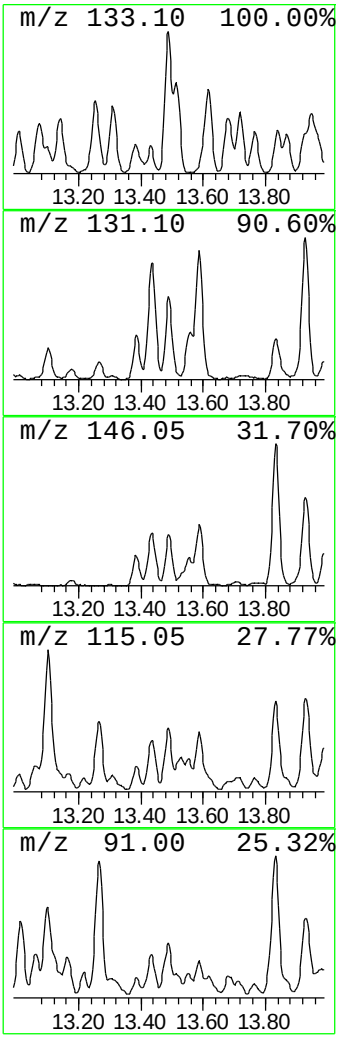
**********

Peak Number 45 Benzene, (1-methyl-1-butenyl)- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.49 | 21.30 ug/L | 628811 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 89 |
| 2 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 70 |
| 3 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 64 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 55 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 55 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

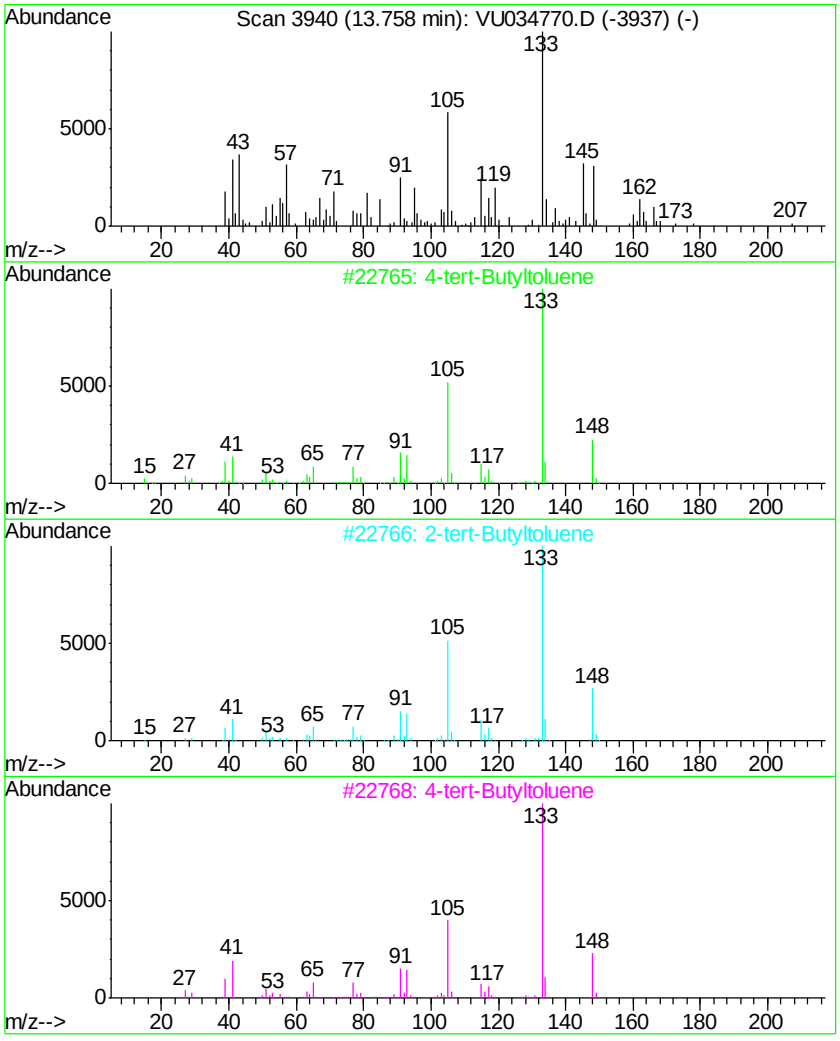
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

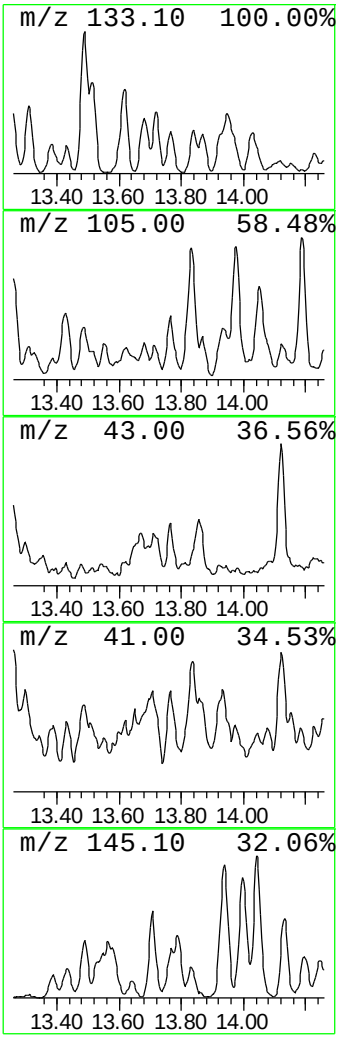
**********

Peak Number 46 4-tert-Butyltoluene Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.76 | 5.71 ug/L | 168693 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 64 |
| 2 | 2-tert-Butyltoluene | 148 | C11H16 | 001074-92-6 | 64 |
| 3 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 60 |
| 4 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 58 |
| 5 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 58 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

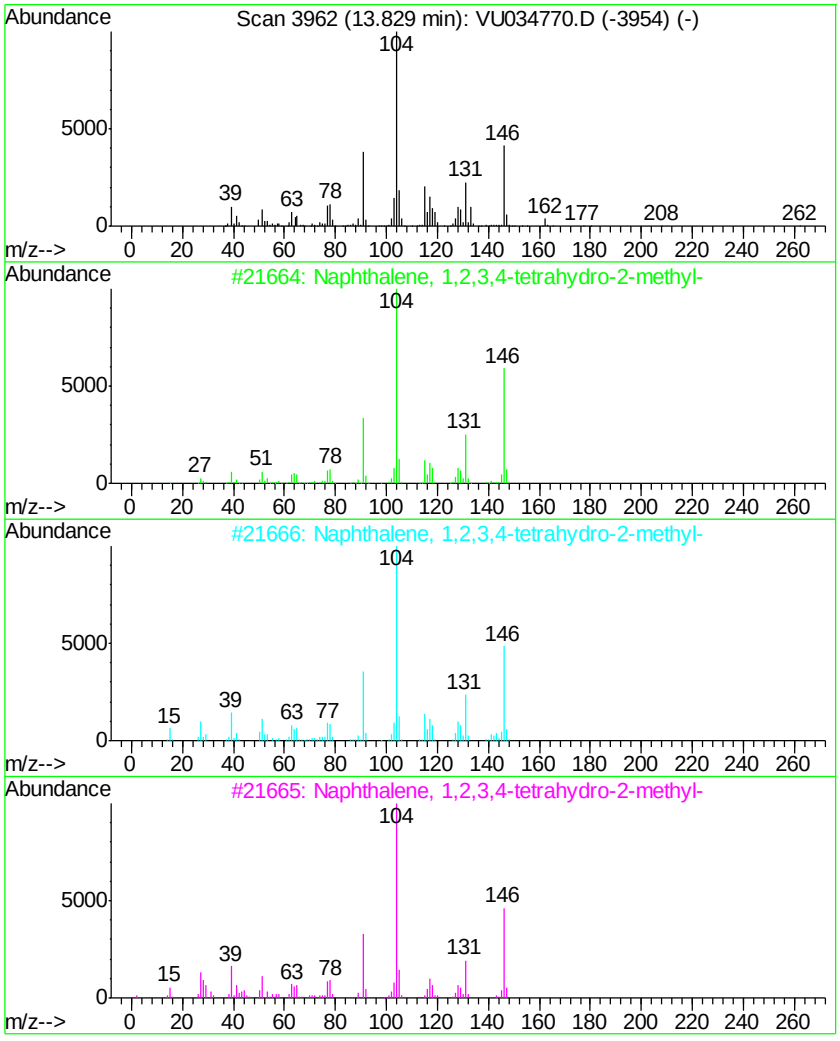
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

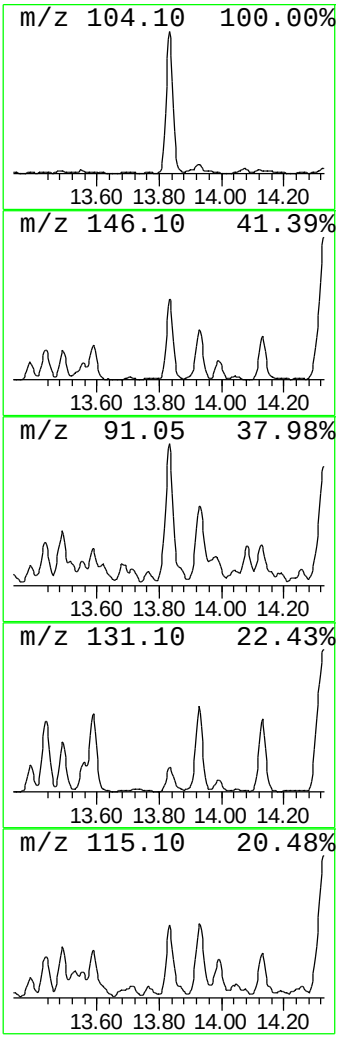
**********

Peak Number 47 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.83 | 41.04 ug/L | 1211600 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 90 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 81 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 81 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 81 |
| 5 | 2(1H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000530-93-8 | 58 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

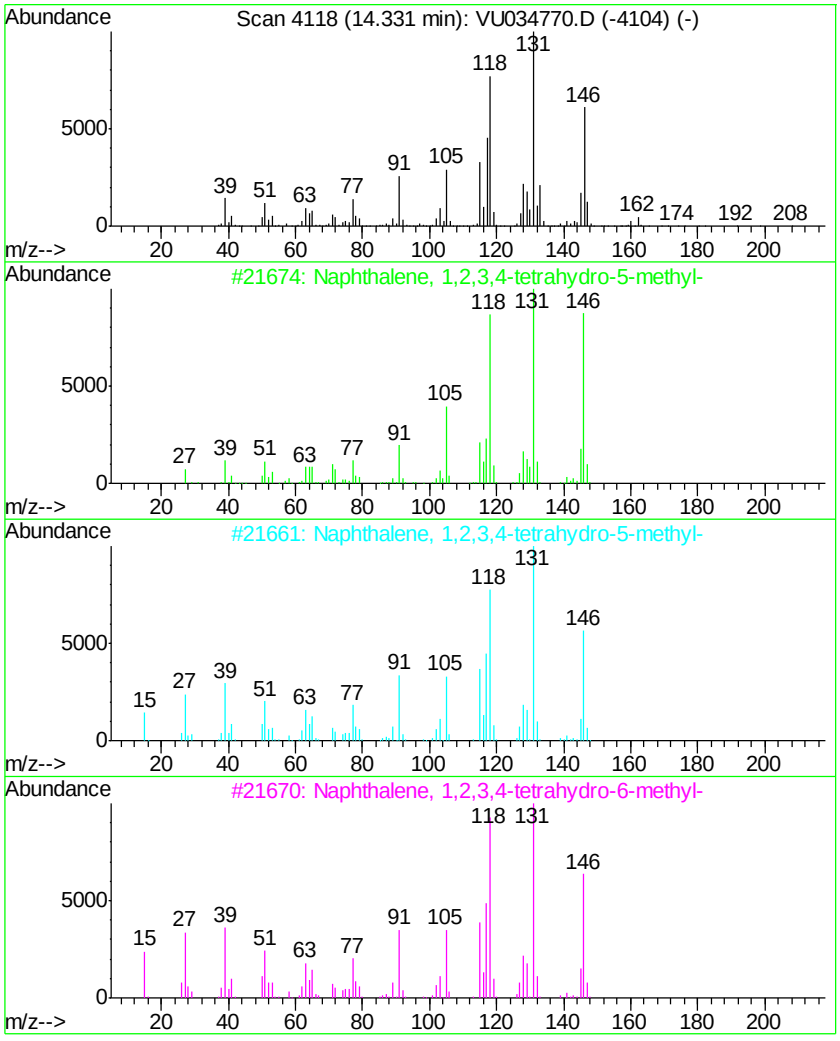
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

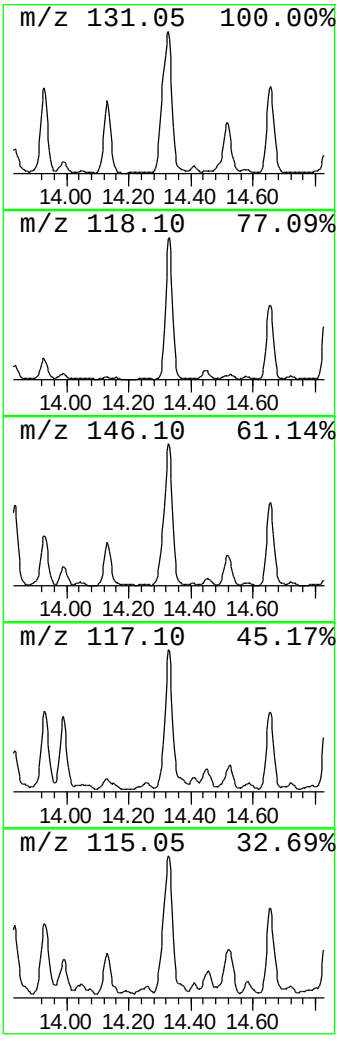
**********

Peak Number 50 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.33 | 80.28 ug/L | 2369930 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 94 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 93 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 91 |
| 5 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 83 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

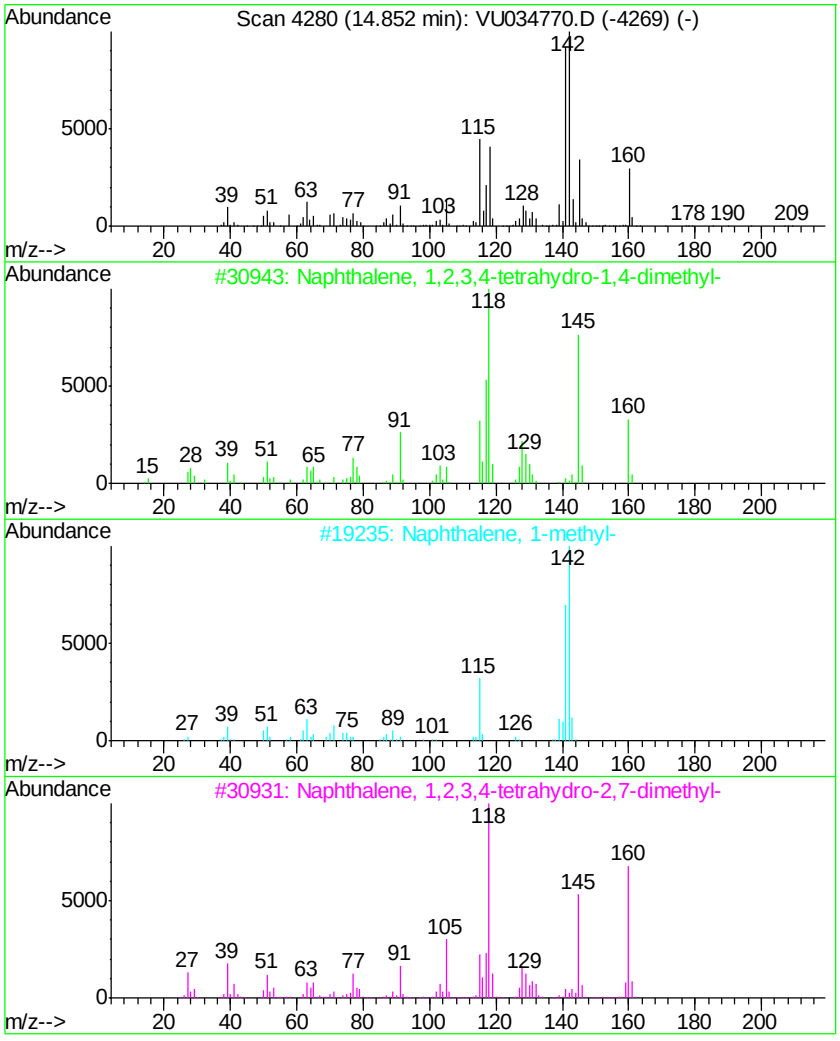
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

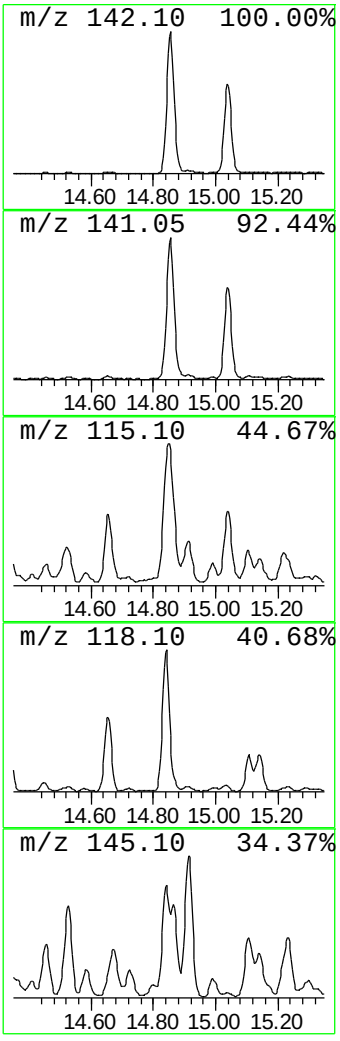
**********

Peak Number 52 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.85 | 73.08 ug/L | 2157310 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 64 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 55 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 50 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 46 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 46 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

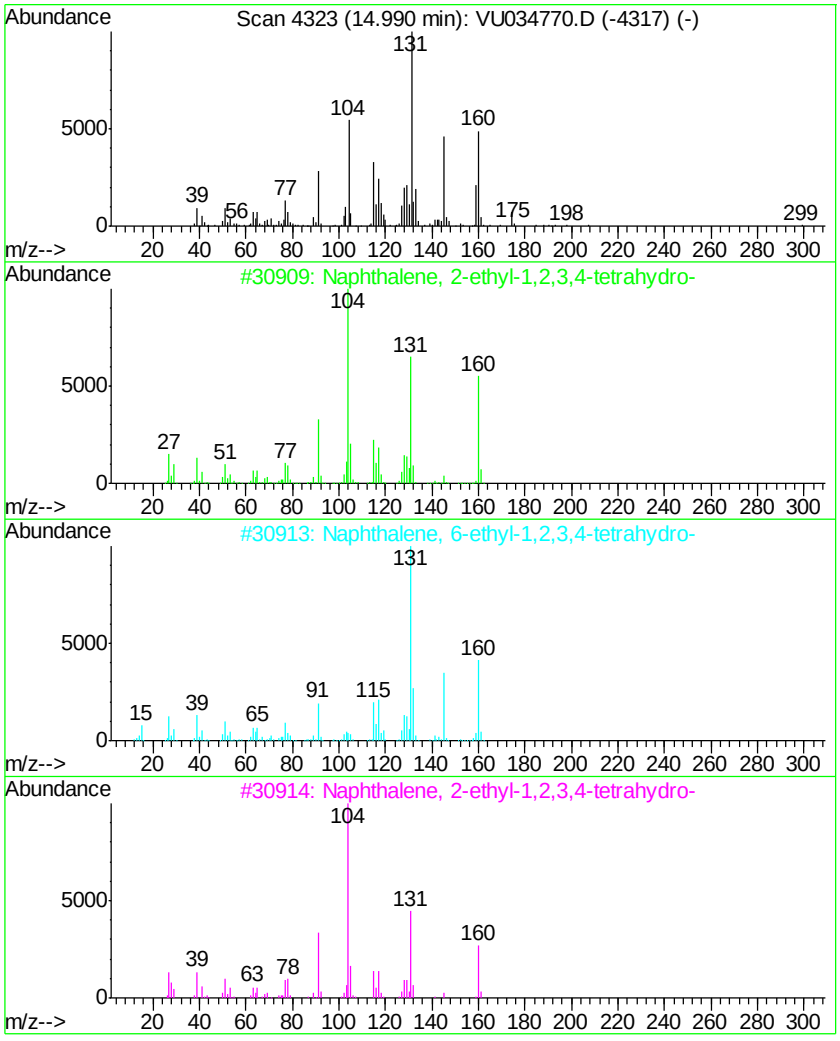
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

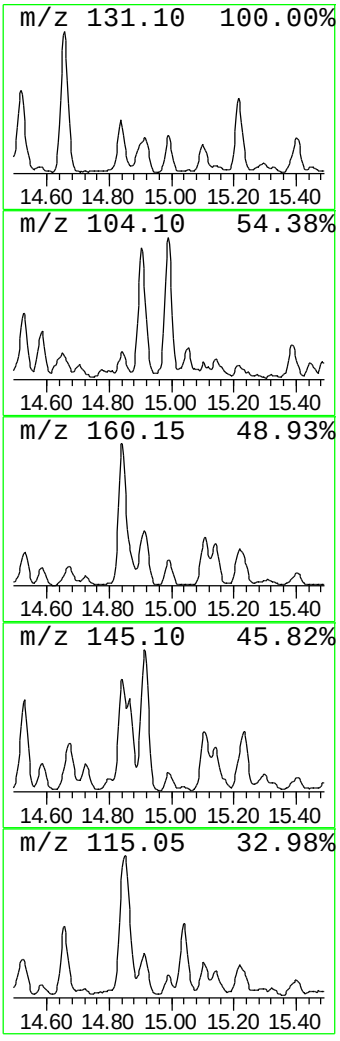
**********

Peak Number 53 Naphthalene, 2-ethyl-1,2,3,... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.99 | 8.39 ug/L | 247630 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl-1,2,3,4-tet... | 160 | C12H16 | 032367-54-7 | 89 |
| 2 | Naphthalene, 6-ethyl-1,2,3,4-tet... | 160 | C12H16 | 022531-20-0 | 58 |
| 3 | Naphthalene, 2-ethyl-1,2,3,4-tet... | 160 | C12H16 | 032367-54-7 | 46 |
| 4 | Naphthalene, 5-ethyl-1,2,3,4-tet... | 160 | C12H16 | 042775-75-7 | 30 |
| 5 | 6-Benzofuranylacetaldehyde | 160 | C10H8O2 | 1000301-98-1 | 30 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

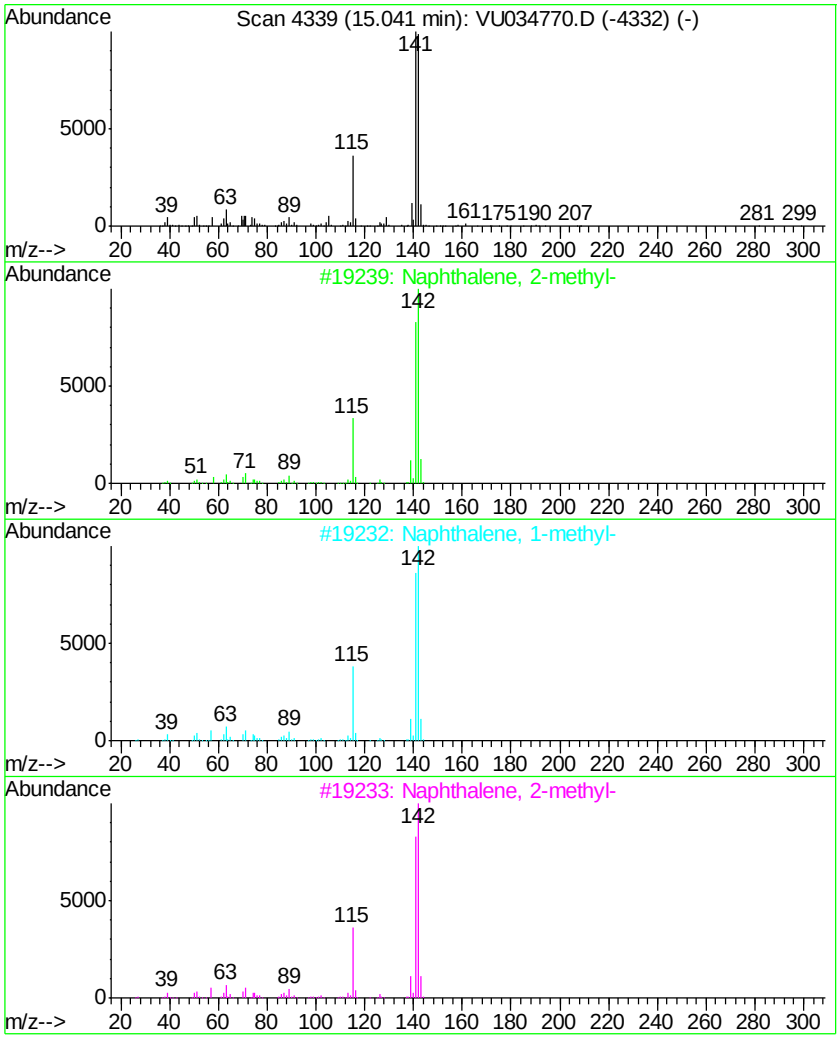
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

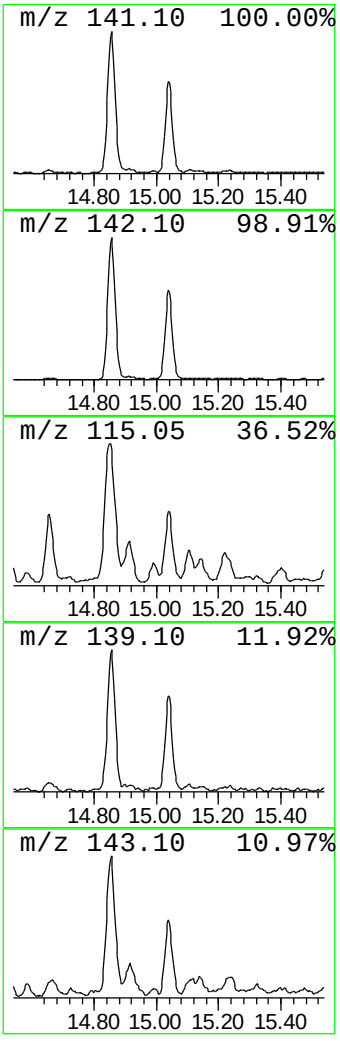
**********

Peak Number 54 Naphthalene, 1-methyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.04 | 17.69 ug/L | 522140 | 1,4-Dichlorobenzene-d4 | 11.46 |

| 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 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 93 |
| 5 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

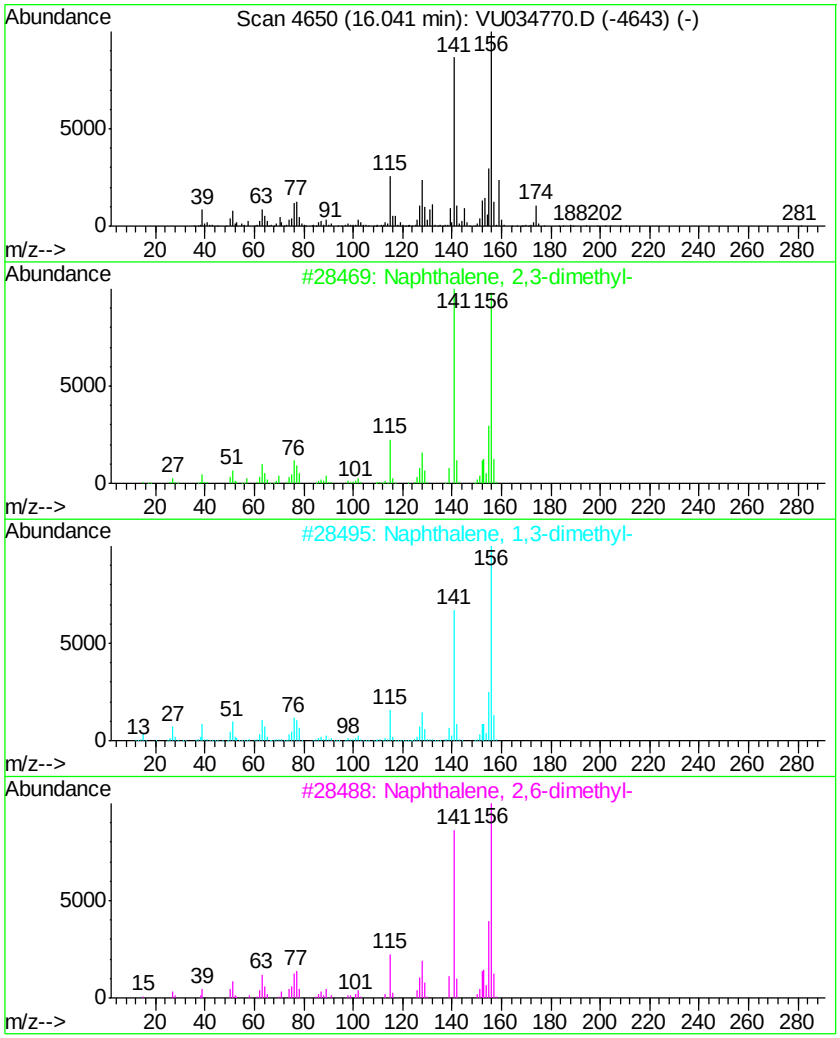
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

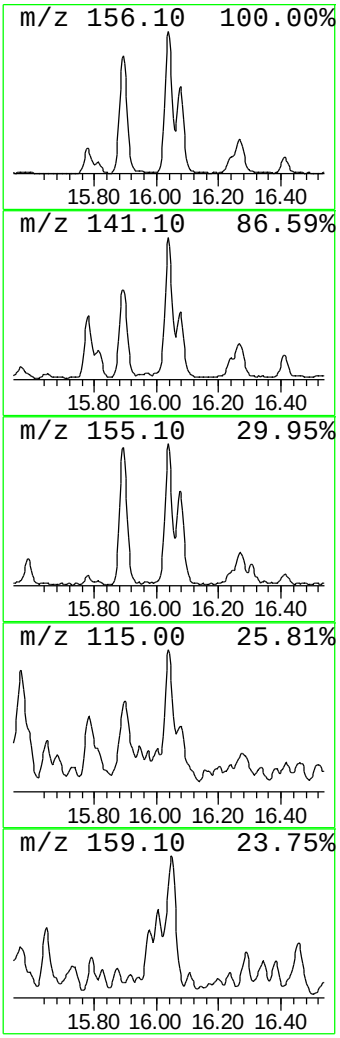
**********

Peak Number 55 Naphthalene, 2,3-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.04 | 20.60 ug/L | 608057 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Data File : VU034770.D
Acq On : 24 Sep 2019 14:51
Operator : JC/SP
Sample : K4984-11 10X
Misc : 6.04g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEDM6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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 |
| (DEL) Alkane: Str... | 7.16 | 3.8 | ug/L | 86928 | 1 | 5.86 | 1137330 | 50.0 |
| (DEL) Alkane: Str... | 7.32 | 5.6 | ug/L | 126824 | 1 | 5.86 | 1137330 | 50.0 |
| (DEL) Alkane: Cyc... | 7.68 | 2.6 | ug/L | 72703 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Cyc... | 7.89 | 5.3 | ug/L | 145932 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Cyc... | 8.03 | 4.3 | ug/L | 116699 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Cyc... | 8.52 | 8.7 | ug/L | 238445 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Cyc... | 8.58 | 6.1 | ug/L | 166054 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Str... | 8.79 | 2.9 | ug/L | 80368 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Str... | 8.89 | 9.4 | ug/L | 256846 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Str... | 9.01 | 8.2 | ug/L | 223161 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Str... | 9.42 | 26.8 | ug/L | 733351 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Cyc... | 9.70 | 8.5 | ug/L | 233529 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Str... | 9.93 | 11.1 | ug/L | 303027 | 2 | 9.07 | 1369450 | 50.0 |
| (DEL) Alkane: Cyc... | 10.02 | 10.5 | ug/L | 286736 | 2 | 9.07 | 1369450 | 50.0 |
| Benzene, propyl- | 10.57 | 14.1 | ug/L | 414899 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 1-ethyl-... | 10.66 | 35.8 | ug/L | 1057920 | 3 | 11.46 | 1476080 | 50.0 |
| (DEL) Alkane: Str... | 10.79 | 23.2 | ug/L | 684465 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 1-ethyl-... | 10.95 | 25.8 | ug/L | 761512 | 3 | 11.46 | 1476080 | 50.0 |
| (DEL) Alkane: Str... | 11.09 | 3.9 | ug/L | 114829 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 1,2,3-tr... | 11.13 | 24.9 | ug/L | 735985 | 3 | 11.46 | 1476080 | 50.0 |
| 2-Tolyloxirane | 11.30 | 17.4 | ug/L | 514083 | 3 | 11.46 | 1476080 | 50.0 |
| o-Cymene | 11.40 | 23.4 | ug/L | 689754 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 1,2-diet... | 11.75 | 14.5 | ug/L | 426855 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 1-methyl... | 11.78 | 23.8 | ug/L | 701433 | 3 | 11.46 | 1476080 | 50.0 |
| (DEL) Alkane: Str... | 12.00 | 14.8 | ug/L | 435988 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 2-ethyl-... | 12.12 | 17.1 | ug/L | 506289 | 3 | 11.46 | 1476080 | 50.0 |
| Indan, 1-methyl- | 12.33 | 12.5 | ug/L | 367929 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 1-methyl... | 12.47 | 16.2 | ug/L | 478619 | 3 | 11.46 | 1476080 | 50.0 |
| unknown-01 | 12.59 | 8.5 | ug/L | 250243 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 1,2,3,4-... | 12.68 | 23.6 | ug/L | 696136 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 4-ethyl-... | 12.76 | 12.1 | ug/L | 358026 | 3 | 11.46 | 1476080 | 50.0 |
| 1H-Indene, 2,3-di... | 12.94 | 20.3 | ug/L | 599972 | 3 | 11.46 | 1476080 | 50.0 |
| 2-Methyl-7-endo-v... | 13.01 | 9.6 | ug/L | 283218 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, 2-etheny... | 13.10 | 46.4 | ug/L | 1369490 | 3 | 11.46 | 1476080 | 50.0 |
| Naphthalene, 1,2,... | 13.26 | 28.6 | ug/L | 844169 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, (2-methy... | 13.39 | 7.7 | ug/L | 228533 | 3 | 11.46 | 1476080 | 50.0 |
| 1H-Indene, 2,3-di... | 13.43 | 14.0 | ug/L | 412241 | 3 | 11.46 | 1476080 | 50.0 |
| Benzene, (1-methy... | 13.49 | 21.3 | ug/L | 628811 | 3 | 11.46 | 1476080 | 50.0 |
| 4-tert-Butyltoluene | 13.76 | 5.7 | ug/L | 168693 | 3 | 11.46 | 1476080 | 50.0 |
| Naphthalene, 1,2,... | 13.83 | 41.0 | ug/L | 1211600 | 3 | 11.46 | 1476080 | 50.0 |
| Naphthalene, 1,2,... | 14.33 | 80.3 | ug/L | 2369930 | 3 | 11.46 | 1476080 | 50.0 |
| Naphthalene, 1,2,... | 14.85 | 73.1 | ug/L | 2157310 | 3 | 11.46 | 1476080 | 50.0 |
| Naphthalene, 2-et... | 14.99 | 8.4 | ug/L | 247630 | 3 | 11.46 | 1476080 | 50.0 |
| Naphthalene, 1-me... | 15.04 | 17.7 | ug/L | 522140 | 3 | 11.46 | 1476080 | 50.0 |
| Naphthalene, 2,3-... | 16.04 | 20.6 | ug/L | 608057 | 3 | 11.46 | 1476080 | 50.0 |