LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

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\SOMULM042719WMA.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 | 1.396 | 87 | 95 | 112 | rBV | 441068 | 614265 | 0.31% | 0.072% |
| 2 | 1.679 | 175 | 183 | 199 | rBV | 281128 | 499433 | 0.25% | 0.059% |
| 3 | 2.248 | 349 | 360 | 386 | rVB | 896787 | 1461582 | 0.75% | 0.171% |
| 4 | 4.209 | 952 | 970 | 1016 | rBV2 | 228210 | 1231333 | 0.63% | 0.144% |
| 5 | 4.643 | 1088 | 1105 | 1144 | rVB | 607097 | 1666953 | 0.85% | 0.195% |
| 6 | 5.331 | 1296 | 1319 | 1354 | rBV2 | 1523959 | 4445222 | 2.27% | 0.521% |
| 7 | 5.881 | 1476 | 1490 | 1522 | rBV | 1208999 | 2785362 | 1.42% | 0.327% |
| 8 | 6.328 | 1615 | 1629 | 1660 | rVB2 | 874032 | 2023253 | 1.03% | 0.237% |
| 9 | 7.228 | 1896 | 1909 | 1944 | rBV2 | 460742 | 1053204 | 0.54% | 0.124% |
| 10 | 7.563 | 1996 | 2013 | 2042 | rBV | 1724604 | 3393672 | 1.73% | 0.398% |
| 11 | 7.852 | 2089 | 2103 | 2131 | rVV2 | 293888 | 700686 | 0.36% | 0.082% |
| 12 | 8.222 | 2208 | 2218 | 2230 | rVB8 | 15888 | 29553 | 0.02% | 0.003% |
| 13 | 8.344 | 2236 | 2256 | 2294 | rBV | 1079020 | 2968817 | 1.51% | 0.348% |
| 14 | 8.903 | 2424 | 2430 | 2444 | rVB4 | 15998 | 28257 | 0.01% | 0.003% |
| 15 | 9.093 | 2476 | 2489 | 2512 | rBV | 1699454 | 3396425 | 1.73% | 0.398% |
| 16 | 9.254 | 2526 | 2539 | 2540 | rBV6 | 16731 | 25438 | 0.01% | 0.003% |
| 17 | 9.376 | 2561 | 2577 | 2591 | rBV | 504263 | 1016640 | 0.52% | 0.119% |
| 18 | 9.443 | 2592 | 2598 | 2615 | rVB3 | 56845 | 105415 | 0.05% | 0.012% |
| 19 | 9.566 | 2625 | 2636 | 2646 | rBV8 | 21364 | 45150 | 0.02% | 0.005% |
| 20 | 9.649 | 2653 | 2662 | 2669 | rBV8 | 12700 | 25881 | 0.01% | 0.003% |
| 21 | 9.717 | 2669 | 2683 | 2691 | rBV7 | 56491 | 123039 | 0.06% | 0.014% |
| 22 | 9.784 | 2692 | 2704 | 2727 | rVV5 | 836908 | 1822662 | 0.93% | 0.214% |
| 23 | 9.948 | 2737 | 2755 | 2764 | rBV3 | 178294 | 352495 | 0.18% | 0.041% |
| 24 | 10.042 | 2777 | 2784 | 2791 | rBV6 | 95661 | 145029 | 0.07% | 0.017% |
| 25 | 10.087 | 2792 | 2798 | 2808 | rVB2 | 148147 | 222893 | 0.11% | 0.026% |
| 26 | 10.154 | 2812 | 2819 | 2828 | rVB7 | 46479 | 75312 | 0.04% | 0.009% |
| 27 | 10.209 | 2829 | 2836 | 2844 | rBV7 | 42998 | 84493 | 0.04% | 0.010% |
| 28 | 10.254 | 2844 | 2850 | 2858 | rVB3 | 68960 | 92943 | 0.05% | 0.011% |
| 29 | 10.318 | 2860 | 2870 | 2876 | rBV6 | 73376 | 141534 | 0.07% | 0.017% |
| 30 | 10.437 | 2896 | 2907 | 2917 | rBV | 1293349 | 2321079 | 1.18% | 0.272% |
| 31 | 10.485 | 2918 | 2922 | 2933 | rVB4 | 244272 | 371680 | 0.19% | 0.044% |
| 32 | 10.633 | 2959 | 2968 | 2972 | rBV6 | 89250 | 149969 | 0.08% | 0.018% |
| 33 | 10.681 | 2973 | 2983 | 2998 | rBV | 1900278 | 3939379 | 2.01% | 0.462% |
| 34 | 10.771 | 2998 | 3011 | 3020 | rBV | 4447873 | 7252230 | 3.70% | 0.850% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

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\SOMULM042719WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.971 | 3064 | 3073 | 3092 | rVB | 1346173 | 2581302 | 1.32% | 0.303% |
| 36 | 11.067 | 3096 | 3103 | 3109 | rBV3 | 167863 | 244998 | 0.12% | 0.029% |
| 37 | 11.112 | 3109 | 3117 | 3119 | rBV | 787087 | 899695 | 0.46% | 0.106% |
| 38 | 11.148 | 3119 | 3128 | 3139 | rVV | 10424944 | 16198188 | 8.26% | 1.900% |
| 39 | 11.215 | 3140 | 3149 | 3158 | rVV | 5041062 | 7546432 | 3.85% | 0.885% |
| 40 | 11.267 | 3158 | 3165 | 3176 | rVB | 1585088 | 2280682 | 1.16% | 0.267% |
| 41 | 11.331 | 3179 | 3185 | 3195 | rVB4 | 575674 | 931123 | 0.47% | 0.109% |
| 42 | 11.395 | 3196 | 3205 | 3210 | rBV2 | 602472 | 995634 | 0.51% | 0.117% |
| 43 | 11.427 | 3211 | 3215 | 3223 | rVB4 | 560434 | 793210 | 0.40% | 0.093% |
| 44 | 11.482 | 3223 | 3232 | 3241 | rBV2 | 2113410 | 3311330 | 1.69% | 0.388% |
| 45 | 11.569 | 3250 | 3259 | 3268 | rBV | 5888436 | 8624802 | 4.40% | 1.011% |
| 46 | 11.697 | 3294 | 3299 | 3309 | rVB4 | 464382 | 670335 | 0.34% | 0.079% |
| 47 | 11.768 | 3310 | 3321 | 3328 | rBV3 | 2229730 | 4262129 | 2.17% | 0.500% |
| 48 | 11.807 | 3329 | 3333 | 3340 | rVV | 1452993 | 1956859 | 1.00% | 0.229% |
| 49 | 11.871 | 3340 | 3353 | 3366 | rVB3 | 5395298 | 10969619 | 5.59% | 1.286% |
| 50 | 11.980 | 3377 | 3387 | 3394 | rBV | 7829821 | 12486405 | 6.37% | 1.464% |
| 51 | 12.022 | 3394 | 3400 | 3407 | rVB2 | 4220983 | 5701639 | 2.91% | 0.669% |
| 52 | 12.148 | 3430 | 3439 | 3441 | rBV | 1948055 | 2597394 | 1.32% | 0.305% |
| 53 | 12.173 | 3442 | 3447 | 3455 | rVV4 | 3079836 | 4564363 | 2.33% | 0.535% |
| 54 | 12.222 | 3455 | 3462 | 3465 | rVV3 | 2210266 | 2999790 | 1.53% | 0.352% |
| 55 | 12.247 | 3466 | 3470 | 3478 | rVB | 3443037 | 4433302 | 2.26% | 0.520% |
| 56 | 12.302 | 3480 | 3487 | 3496 | rVB2 | 1453914 | 2515226 | 1.28% | 0.295% |
| 57 | 12.357 | 3497 | 3504 | 3515 | rBV4 | 1984694 | 3520285 | 1.80% | 0.413% |
| 58 | 12.424 | 3517 | 3525 | 3536 | rVB | 6957340 | 10608020 | 5.41% | 1.244% |
| 59 | 12.485 | 3536 | 3544 | 3548 | rBV5 | 1847960 | 2867681 | 1.46% | 0.336% |
| 60 | 12.607 | 3572 | 3582 | 3587 | rBV2 | 2384850 | 4212324 | 2.15% | 0.494% |
| 61 | 12.646 | 3587 | 3594 | 3602 | rVB2 | 5070734 | 7696493 | 3.93% | 0.903% |
| 62 | 12.701 | 3602 | 3611 | 3631 | rBV2 | 9070969 | 20062014 | 10.23% | 2.353% |
| 63 | 12.823 | 3641 | 3649 | 3660 | rBV4 | 4813559 | 7939770 | 4.05% | 0.931% |
| 64 | 12.961 | 3684 | 3692 | 3706 | rVB | 3273727 | 4973944 | 2.54% | 0.583% |
| 65 | 13.032 | 3708 | 3714 | 3722 | rBV4 | 836535 | 1467380 | 0.75% | 0.172% |
| 66 | 13.083 | 3724 | 3730 | 3732 | rVV2 | 1573644 | 1754543 | 0.89% | 0.206% |
| 67 | 13.122 | 3733 | 3742 | 3752 | rVV3 | 27298599 | 43609833 | 22.24% | 5.114% |
| 68 | 13.183 | 3754 | 3761 | 3773 | rVB | 12232639 | 19166678 | 9.78% | 2.248% |
| 69 | 13.289 | 3782 | 3794 | 3812 | rBV2 | 29245404 | 55306516 | 28.21% | 6.486% |
| 70 | 13.373 | 3814 | 3820 | 3824 | rBV2 | 1584530 | 2215893 | 1.13% | 0.260% |
| 71 | 13.456 | 3839 | 3846 | 3853 | rBV | 1808700 | 2495918 | 1.27% | 0.293% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

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\SOMULM042719WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.508 | 3854 | 3862 | 3868 | rBV2 | 3157487 | 4949728 | 2.52% | 0.580% |
| 73 | 13.611 | 3890 | 3894 | 3898 | rBV | 1055587 | 1223457 | 0.62% | 0.143% |
| 74 | 13.746 | 3923 | 3936 | 3945 | rBV2 | 56594840 | 100707394 | 51.36% | 11.810% |
| 75 | 13.881 | 3965 | 3978 | 3991 | rVB2 | 5888244 | 14556312 | 7.42% | 1.707% |
| 76 | 13.948 | 3993 | 3999 | 4011 | rVV7 | 2203326 | 3623421 | 1.85% | 0.425% |
| 77 | 14.141 | 4050 | 4059 | 4067 | rBV2 | 18607817 | 27307531 | 13.93% | 3.202% |
| 78 | 14.337 | 4110 | 4120 | 4129 | rBV6 | 8918775 | 16652897 | 8.49% | 1.953% |
| 79 | 14.463 | 4152 | 4159 | 4173 | rVB3 | 3981801 | 8157917 | 4.16% | 0.957% |
| 80 | 14.819 | 4263 | 4270 | 4277 | rBV | 2097882 | 3099878 | 1.58% | 0.364% |
| 81 | 14.887 | 4277 | 4291 | 4303 | rVB3 | 102368709 | 196065997 | 100.00% | 22.992% |
| 82 | 15.064 | 4334 | 4346 | 4361 | rVB3 | 65730468 | 113284209 | 57.78% | 13.285% |
| 83 | 15.659 | 4524 | 4531 | 4541 | rVB2 | 642939 | 1006503 | 0.51% | 0.118% |
| 84 | 15.794 | 4565 | 4573 | 4581 | rBV | 1437197 | 2132165 | 1.09% | 0.250% |
| 85 | 15.906 | 4597 | 4608 | 4620 | rBV | 4888915 | 8357418 | 4.26% | 0.980% |
| 86 | 15.971 | 4621 | 4628 | 4638 | rVB | 1501762 | 2135261 | 1.09% | 0.250% |
| 87 | 16.054 | 4644 | 4654 | 4661 | rBV | 3640467 | 5759713 | 2.94% | 0.675% |
| 88 | 16.090 | 4661 | 4665 | 4684 | rVB | 1913086 | 2872115 | 1.46% | 0.337% |
| 89 | 16.186 | 4687 | 4695 | 4706 | rVB | 542846 | 891136 | 0.45% | 0.105% |
| 90 | 16.279 | 4708 | 4724 | 4746 | rVB | 940786 | 2406549 | 1.23% | 0.282% |
| 91 | 16.424 | 4762 | 4769 | 4781 | rBV | 384201 | 606946 | 0.31% | 0.071% |
| 92 | 16.517 | 4789 | 4798 | 4808 | rBV | 1135535 | 1853038 | 0.95% | 0.217% |
| 93 | 16.729 | 4858 | 4864 | 4868 | rBV | 220966 | 314900 | 0.16% | 0.037% |
| 94 | 16.762 | 4870 | 4874 | 4882 | rVV | 390832 | 528919 | 0.27% | 0.062% |
| 95 | 16.810 | 4882 | 4889 | 4900 | rVB | 695900 | 1037629 | 0.53% | 0.122% |
| 96 | 16.964 | 4932 | 4937 | 4945 | rVB | 323020 | 436122 | 0.22% | 0.051% |
| 97 | 17.022 | 4945 | 4955 | 4976 | rVB4 | 478396 | 1347092 | 0.69% | 0.158% |
| 98 | 17.160 | 4991 | 4998 | 5008 | rVB2 | 315914 | 484934 | 0.25% | 0.057% |
| 99 | 17.221 | 5009 | 5017 | 5034 | rVB2 | 358258 | 597560 | 0.30% | 0.070% |
| 100 | 17.527 | 5103 | 5112 | 5125 | rBV2 | 137773 | 280740 | 0.14% | 0.033% |

Sum of corrected areas: 852750508

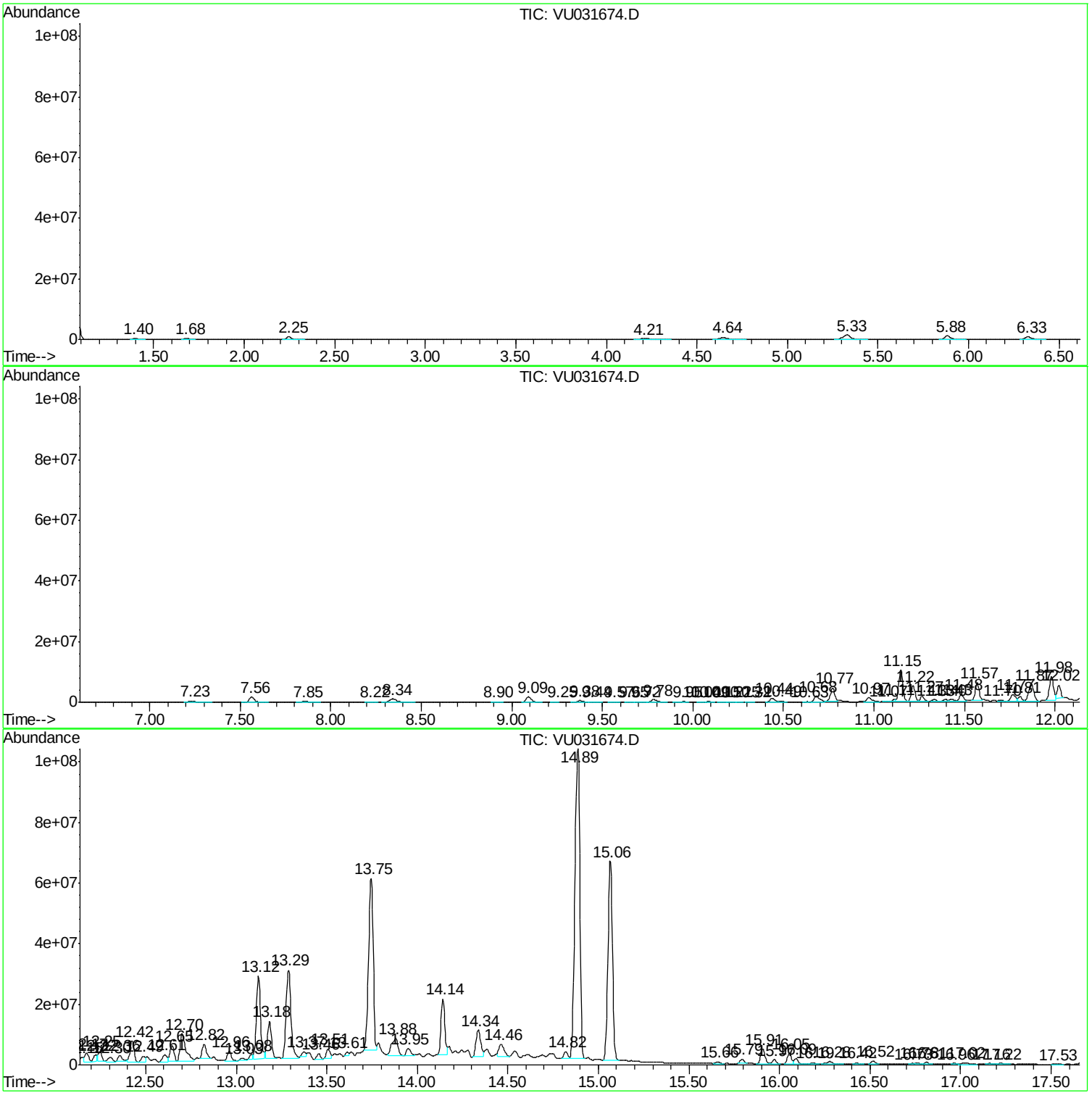
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

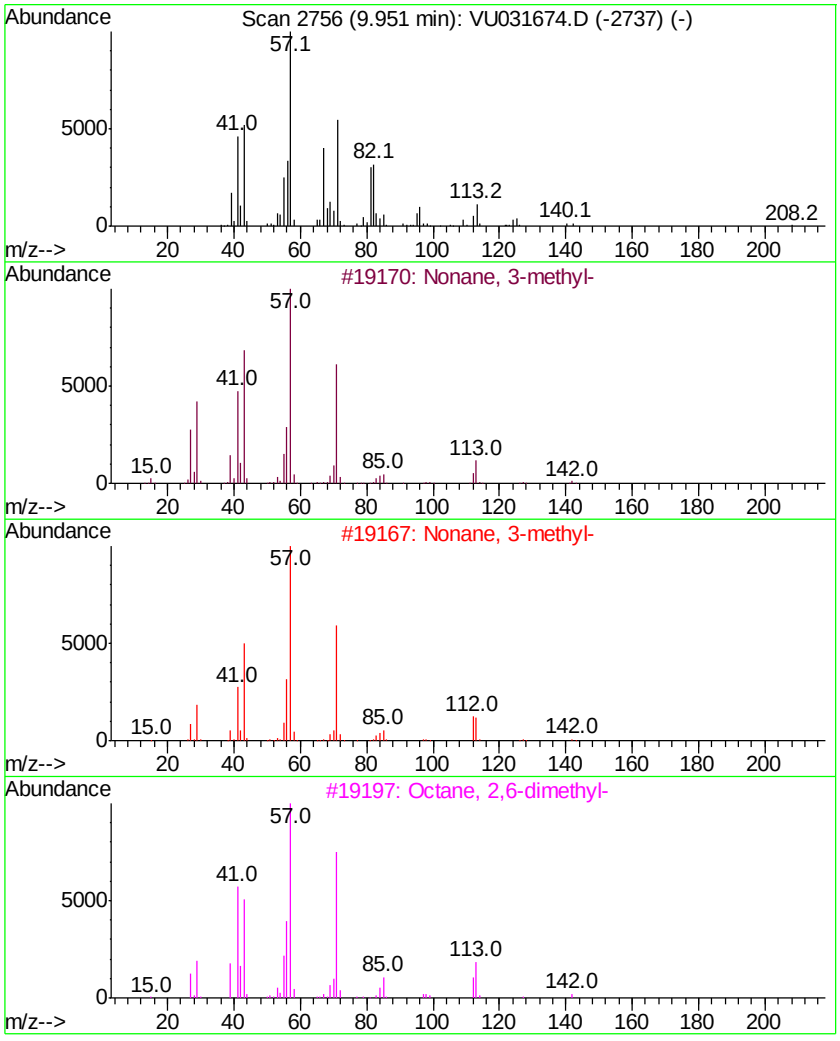
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

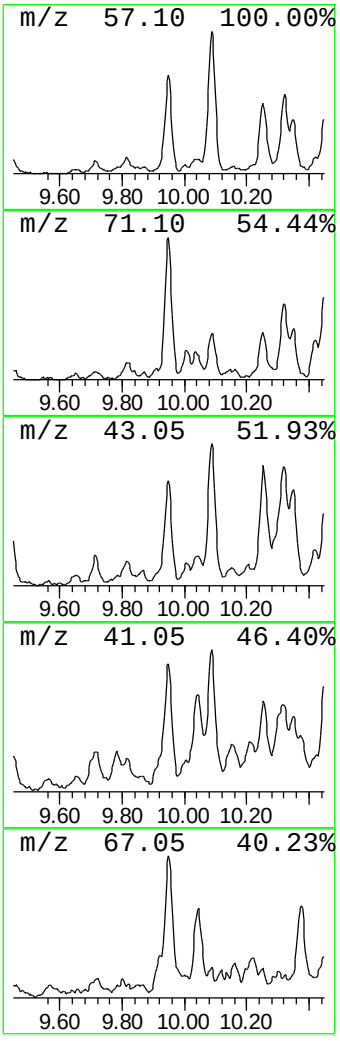
**********

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 65

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.95 | 5.19 ug/L | 352495 | Chlorobenzene-d5 | 9.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 55 |
| 2 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 55 |
| 3 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 50 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 49 |
| 5 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 46 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

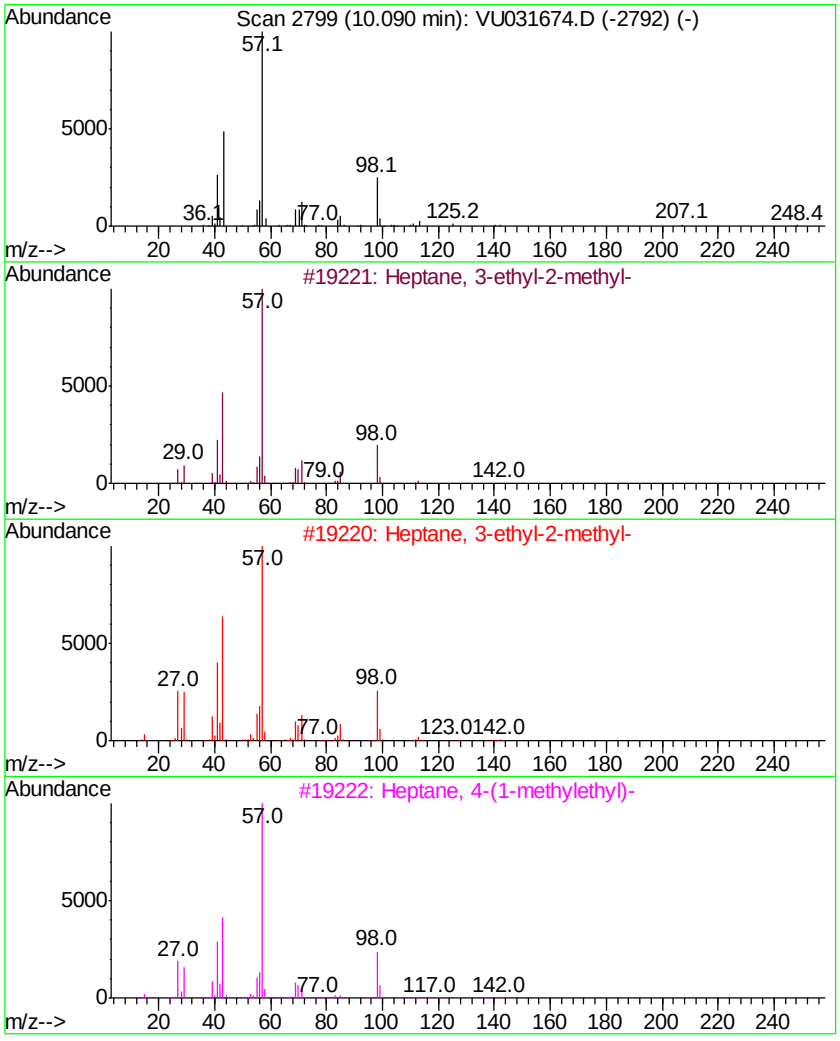
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

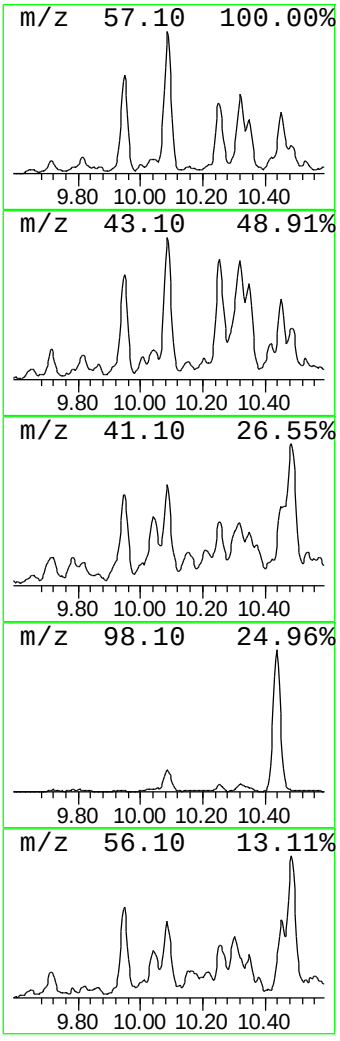
**********

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.09 | 3.28 ug/L | 222893 | Chlorobenzene-d5 | 9.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 86 |
| 2 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 83 |
| 3 | Heptane, 4-(1-methylethyl)- | 142 | C10H22 | 052896-87-4 | 64 |
| 4 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 64 |
| 5 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

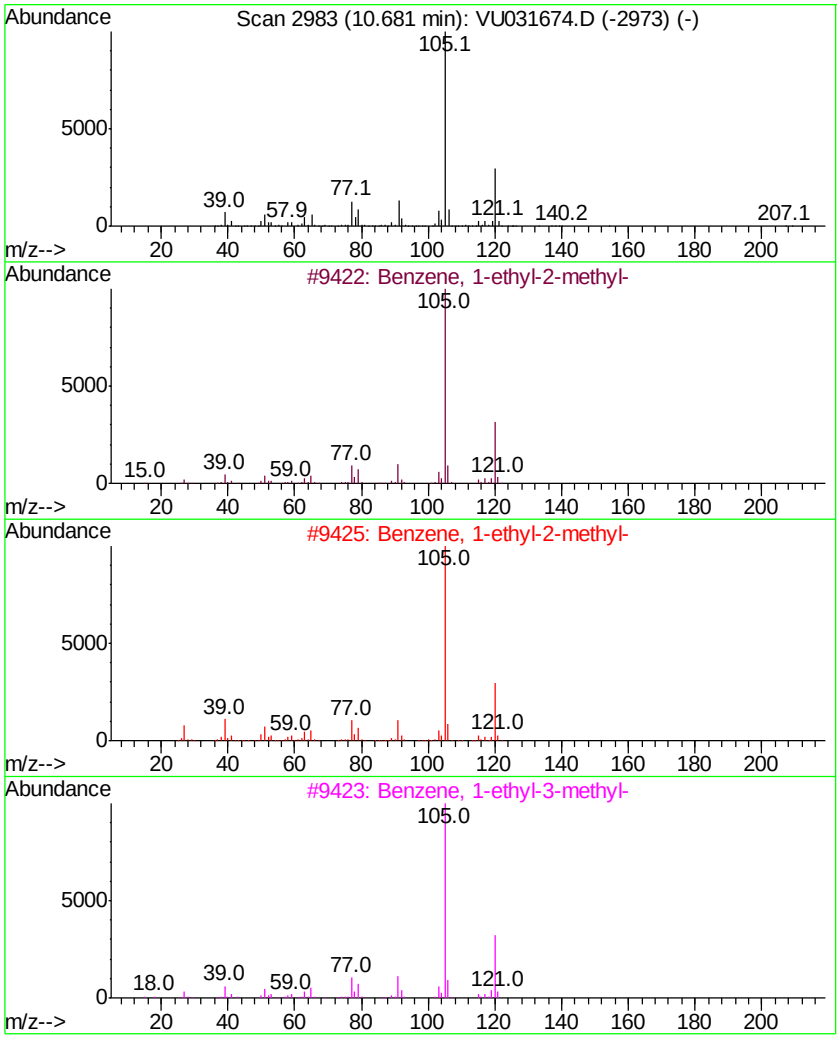
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

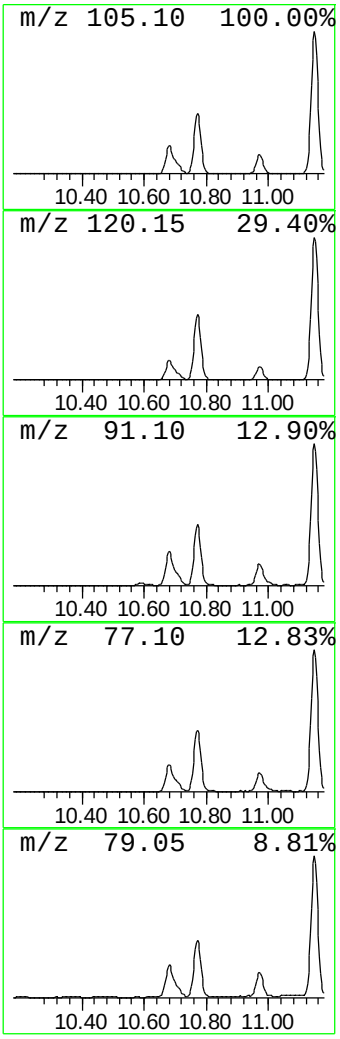
**********

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.68 | 59.48 ug/L | 3939380 | 1,4-Dichlorobenzene-d4 | 11.49 |

| 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 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

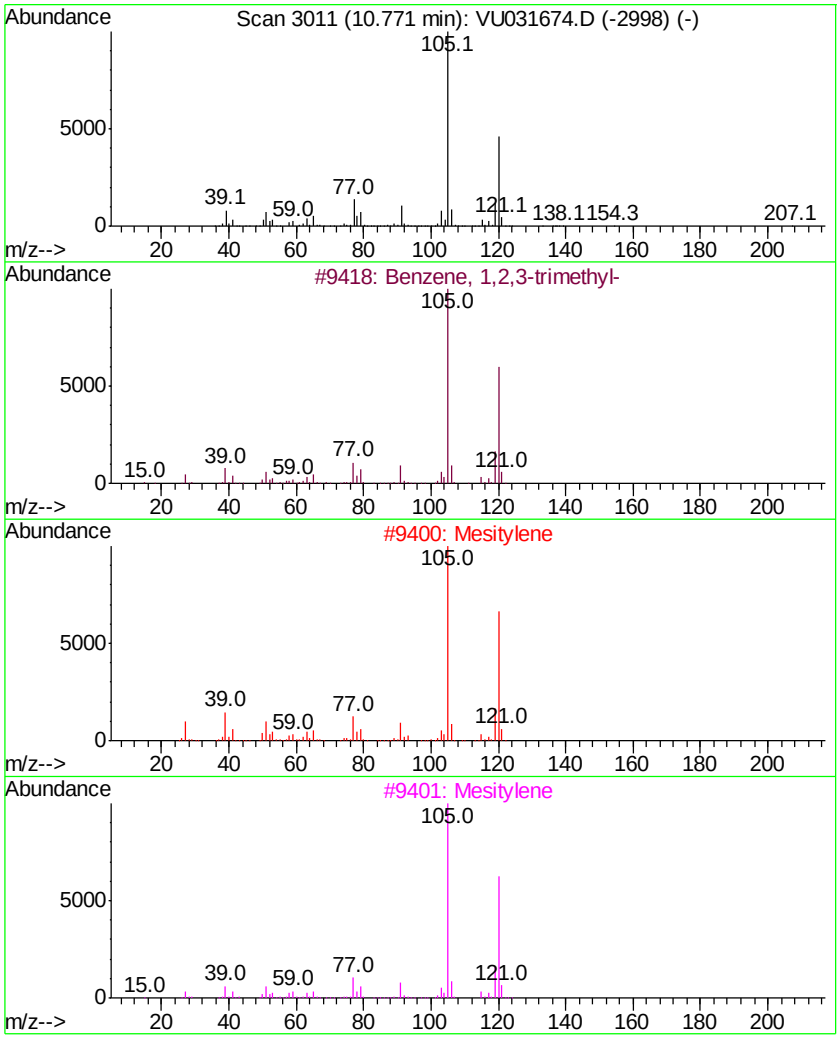
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

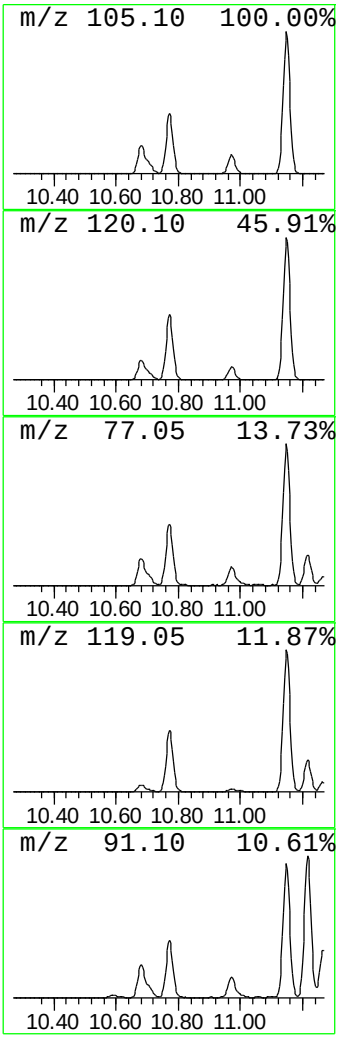
**********

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.77 | 109.51 ug/L | 7252230 | 1,4-Dichlorobenzene-d4 | 11.49 |

| 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 | 95 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 95 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 95 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

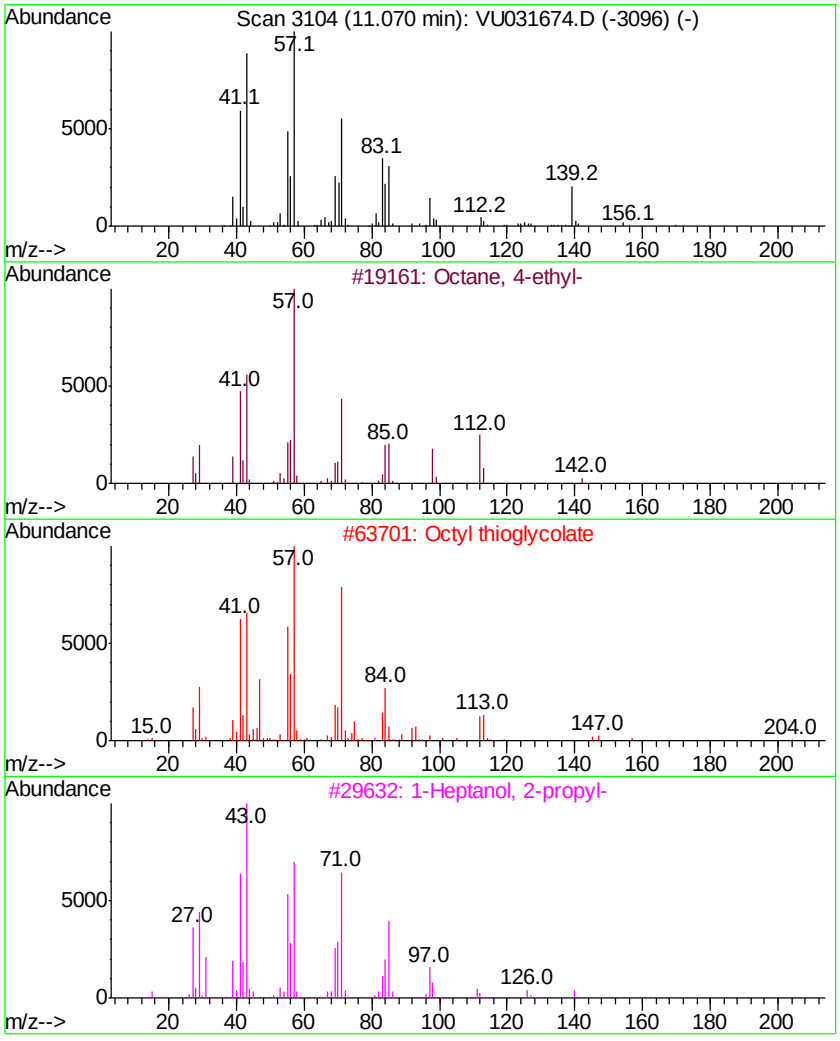
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

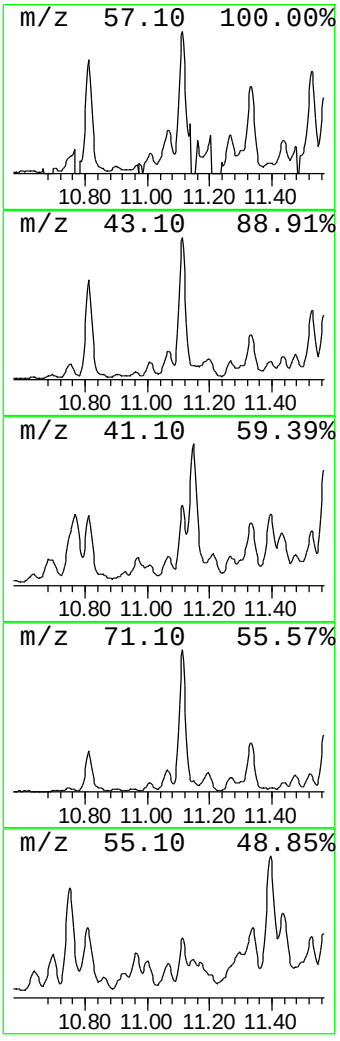
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.07 | 3.70 ug/L | 244998 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 4-ethyl- | 142 | C10H22 | 015869-86-0 | 53 |
| 2 | Octyl thioglycolate | 204 | C10H20O2S | 007664-80-4 | 50 |
| 3 | 1-Heptanol, 2-propyl- | 158 | C10H22O | 010042-59-8 | 50 |
| 4 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 47 |
| 5 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 47 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

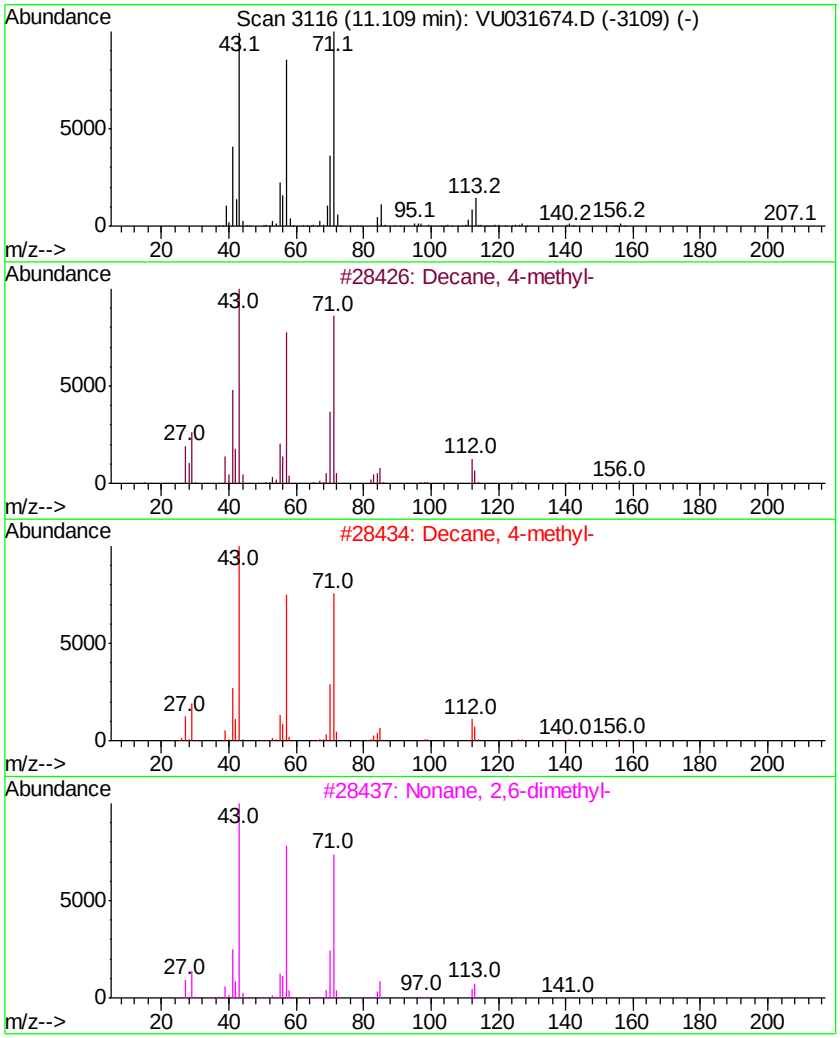
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

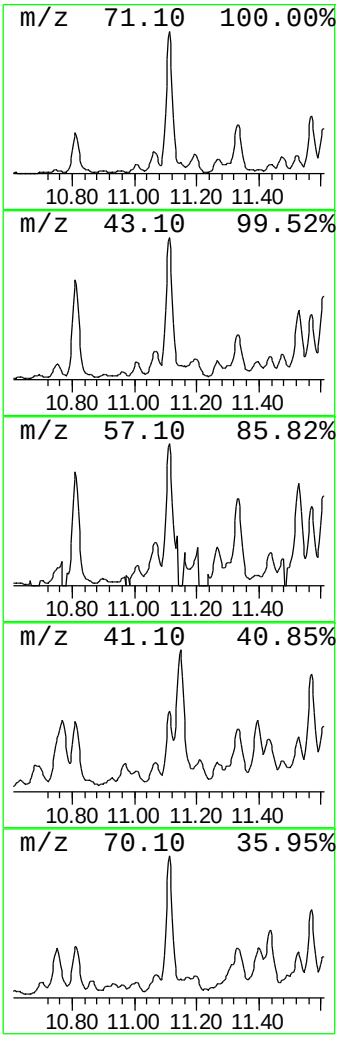
**********

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.11 | 13.59 ug/L | 899695 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 91 |
| 2 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 90 |
| 3 | Nonane, 2,6-dimethyl- | 156 | C11H24 | 017302-28-2 | 83 |
| 4 | Heptane, 2,5,5-trimethyl- | 142 | C10H22 | 001189-99-7 | 78 |
| 5 | Sulfurous acid, octyl 2-pentyl e... | 264 | C13H28O3S | 1000309-15-7 | 78 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

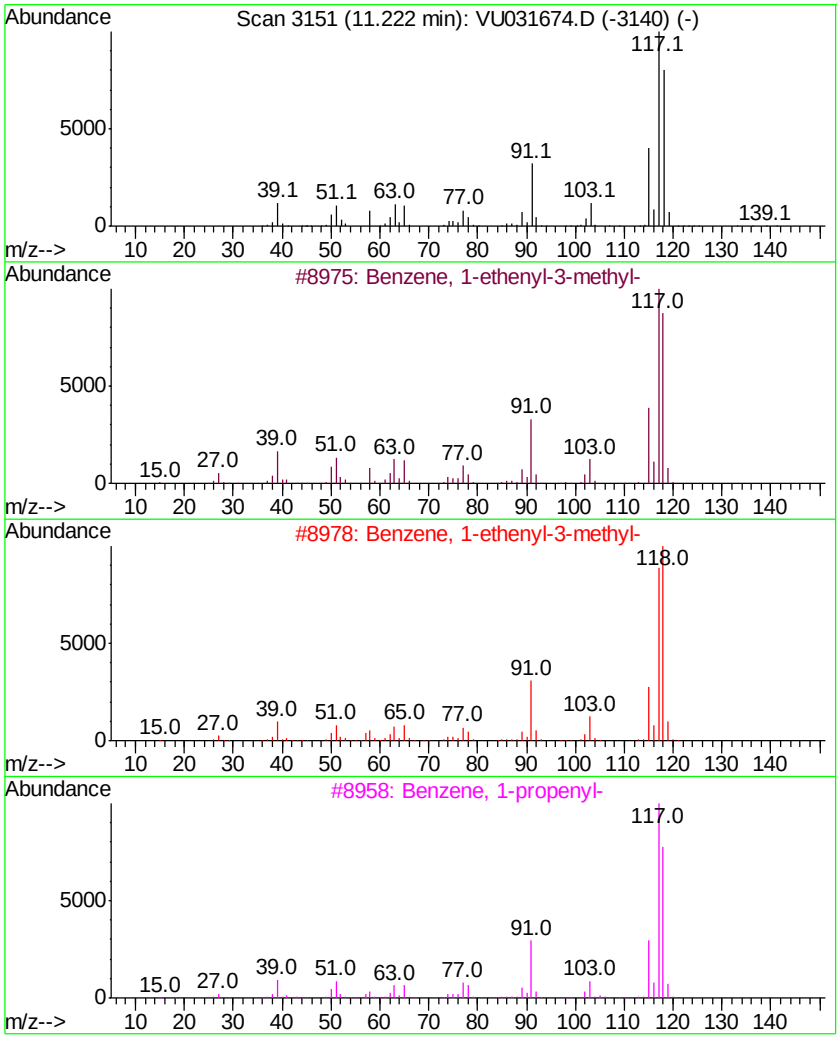
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

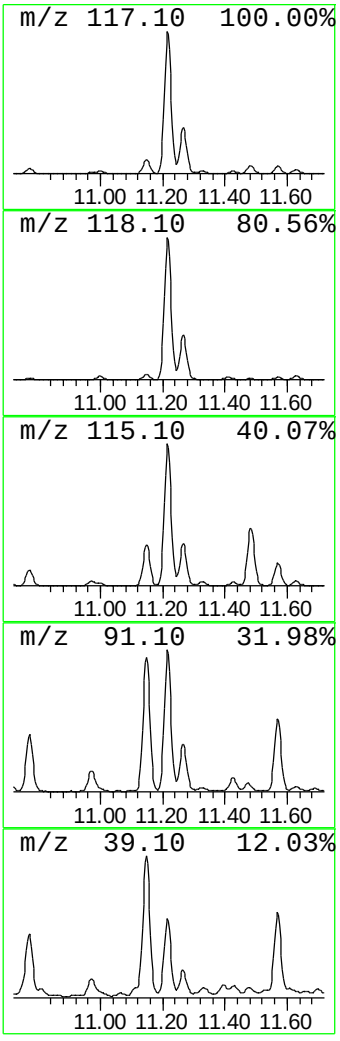
**********

Peak Number 10 Benzene, 1-ethenyl-3-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.22 | 113.95 ug/L | 7546430 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 2 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 3 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 95 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 94 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 94 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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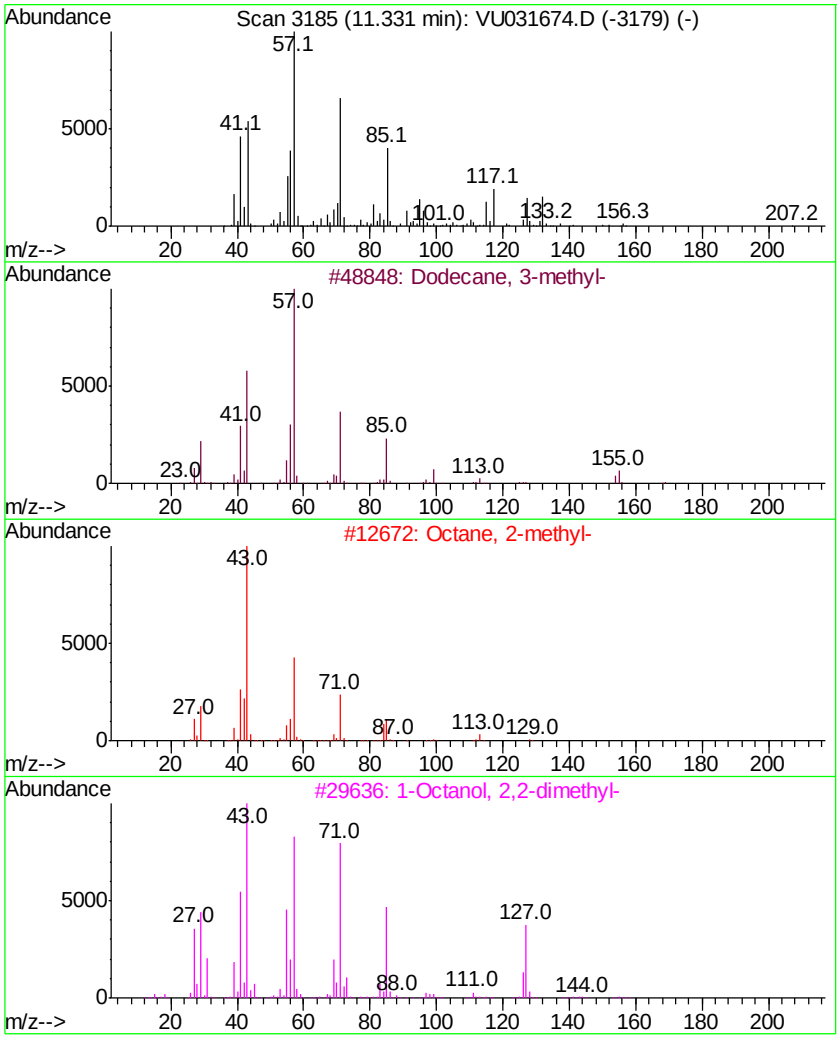
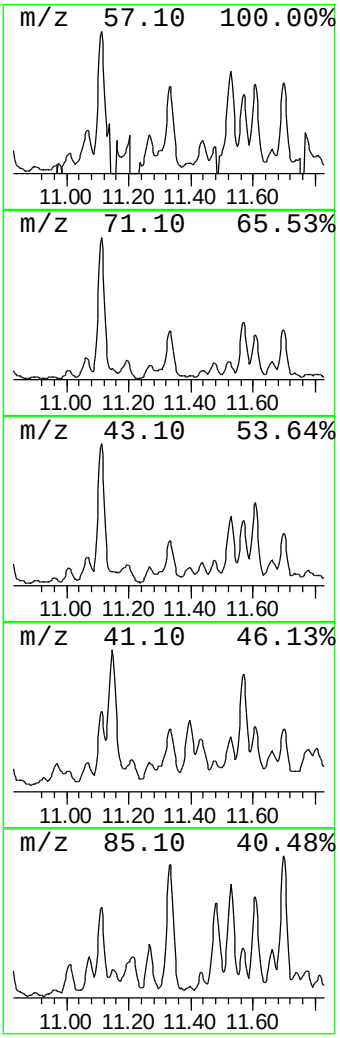
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.33 | 14.06 ug/L | 931123 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 3-methyl- | 184 | C13H28 | 017312-57-1 | 53 |
| 2 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 47 |
| 3 | 1-Octanol, 2,2-dimethyl- | 158 | C10H22O | 002370-14-1 | 43 |
| 4 | Butane, 2,2-dimethyl- | 86 | C6H14 | 000075-83-2 | 38 |
| 5 | Pentane, 2,2-dimethyl- | 100 | C7H16 | 000590-35-2 | 38 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

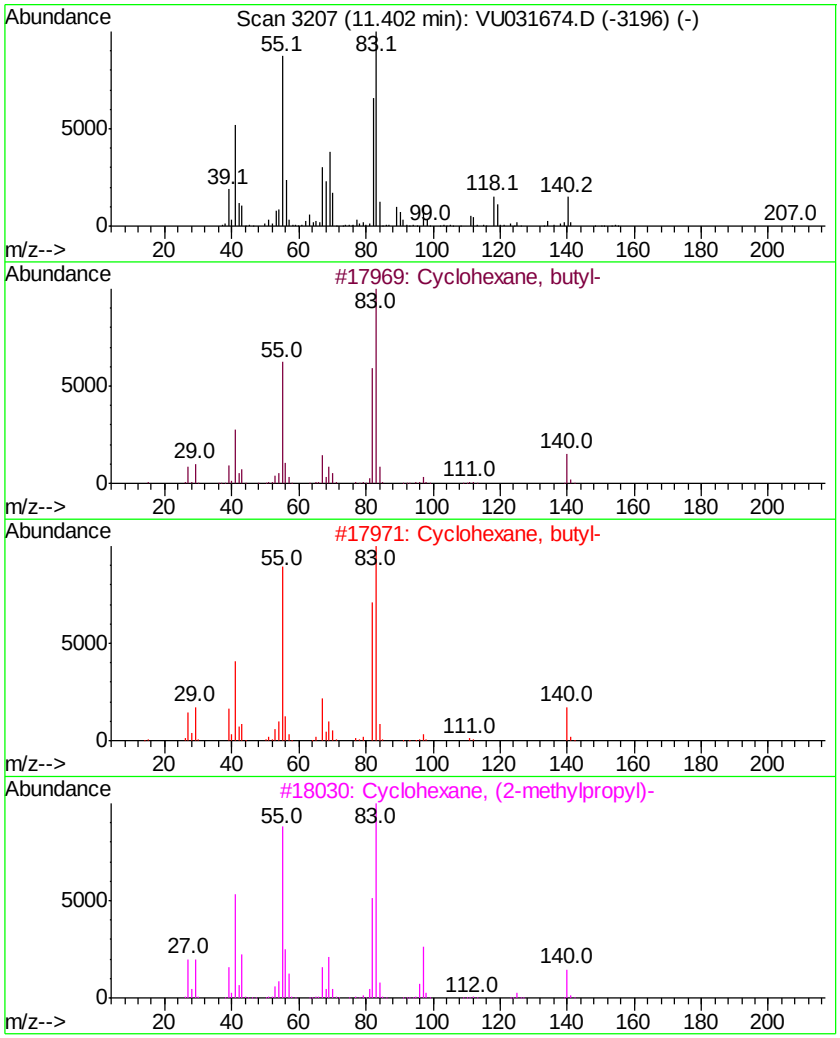
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

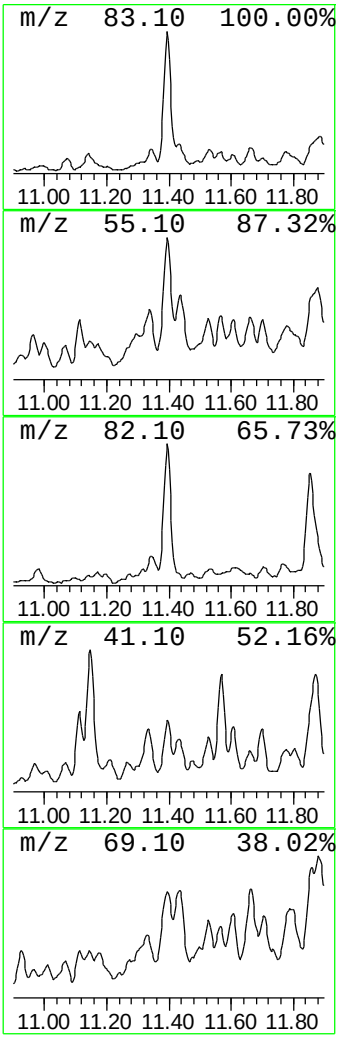
**********

Peak Number 13 (DEL) Alkane: Cyclic11.40 Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.40 | 15.03 ug/L | 995634 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 90 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 80 |
| 3 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 80 |
| 4 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 80 |
| 5 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 80 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

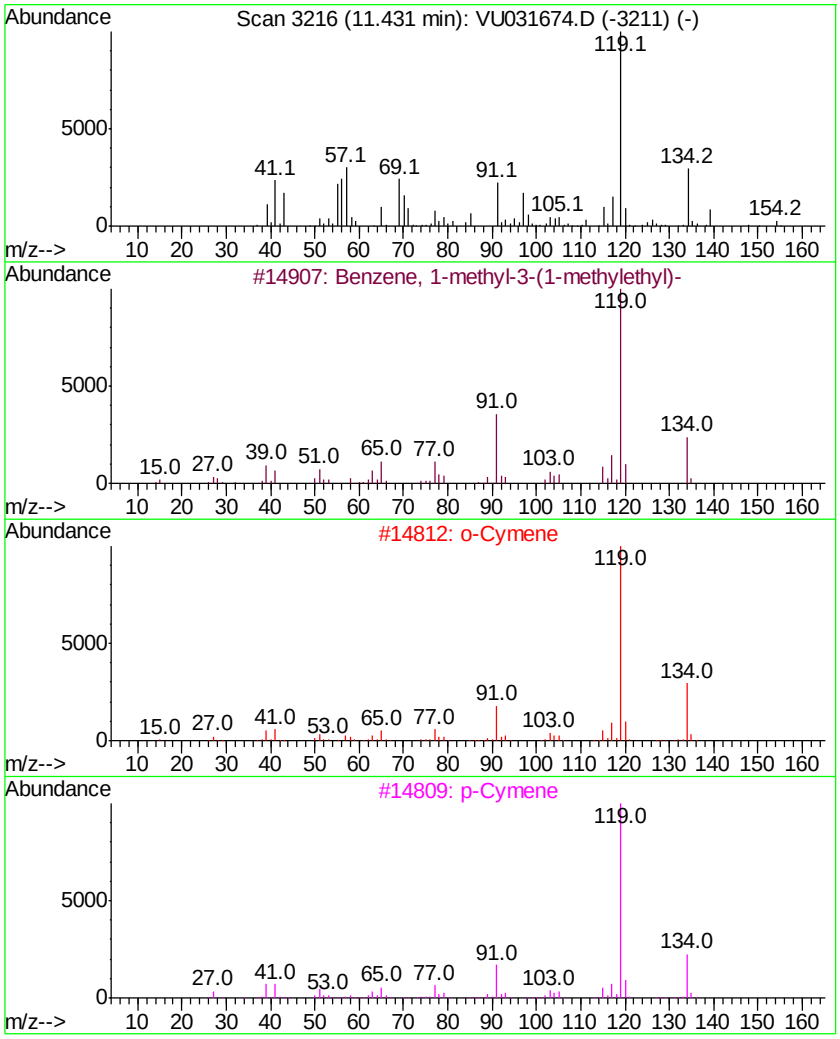
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

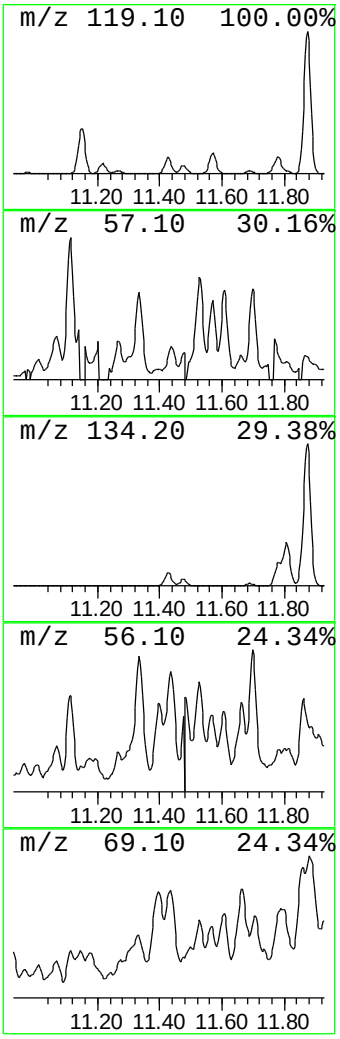
**********

Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.43 | 11.98 ug/L | 793210 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 81 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 81 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 81 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 81 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 81 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

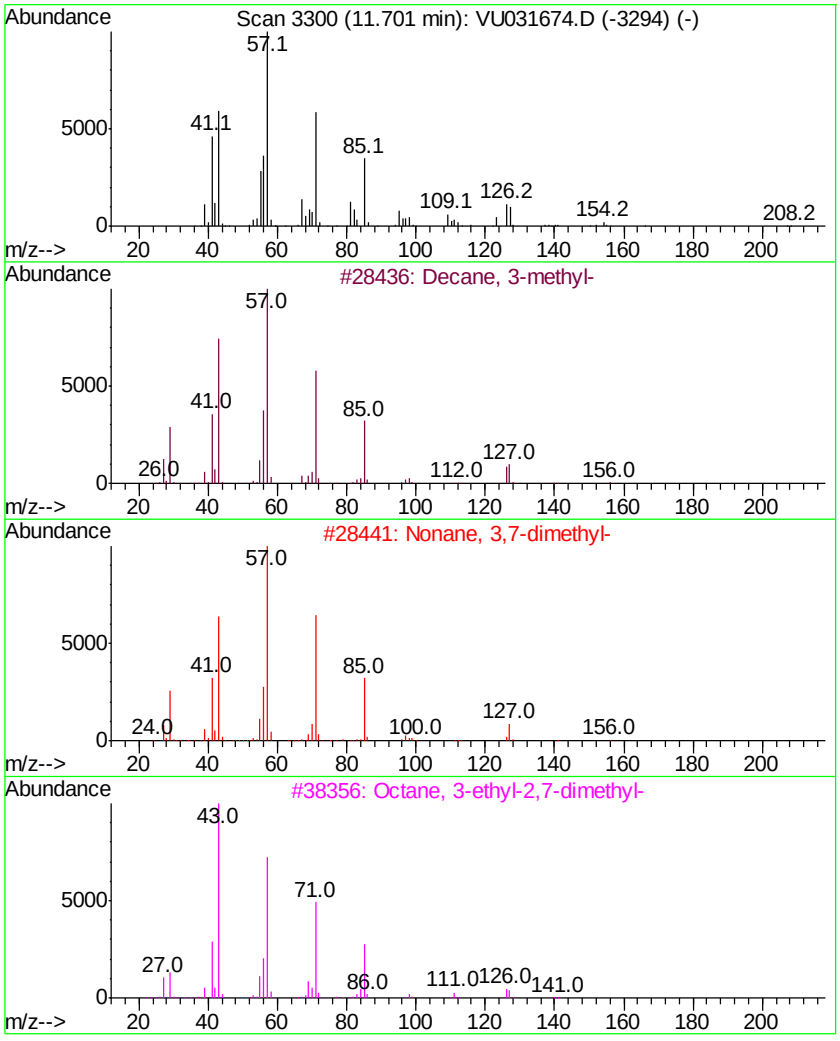
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

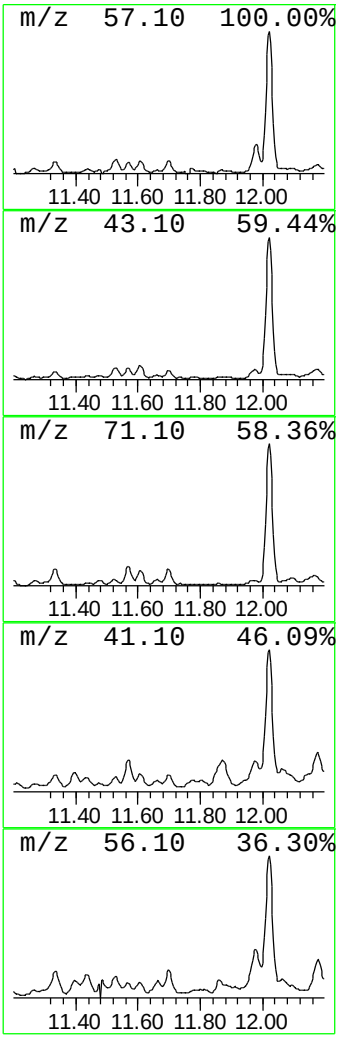
**********

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.70 | 10.12 ug/L | 670335 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 87 |
| 2 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 76 |
| 3 | Octane, 3-ethyl-2,7-dimethyl- | 170 | C12H26 | 062183-55-5 | 64 |
| 4 | Dodecane, 3-methyl- | 184 | C13H28 | 017312-57-1 | 53 |
| 5 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 50 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

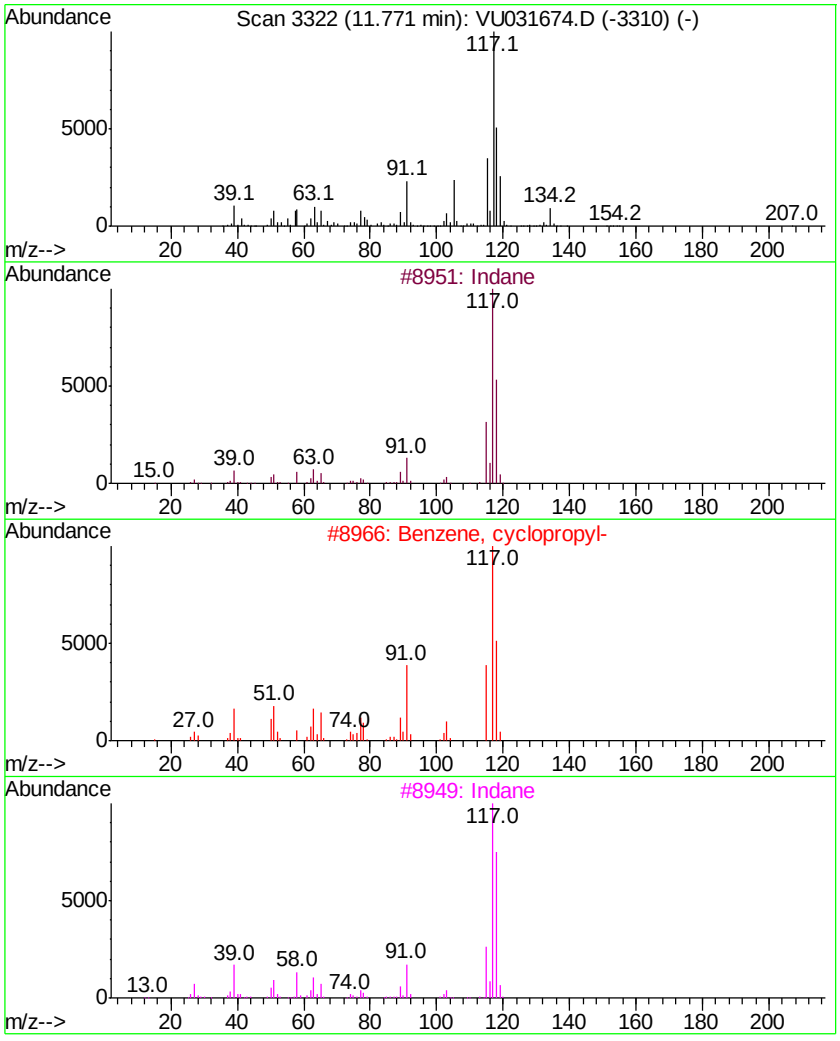
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

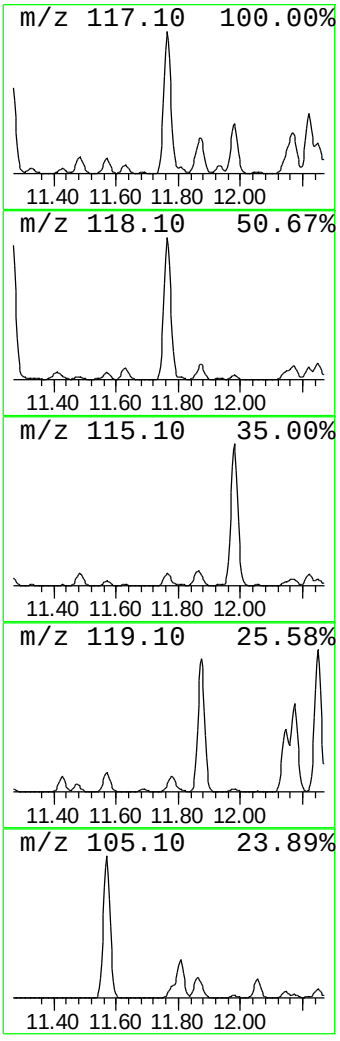
**********

Peak Number 17 Indane Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 64.36 ug/L | 4262130 | 1,4-Dichlorobenzene-d4 | 11.49 |

| 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 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 70 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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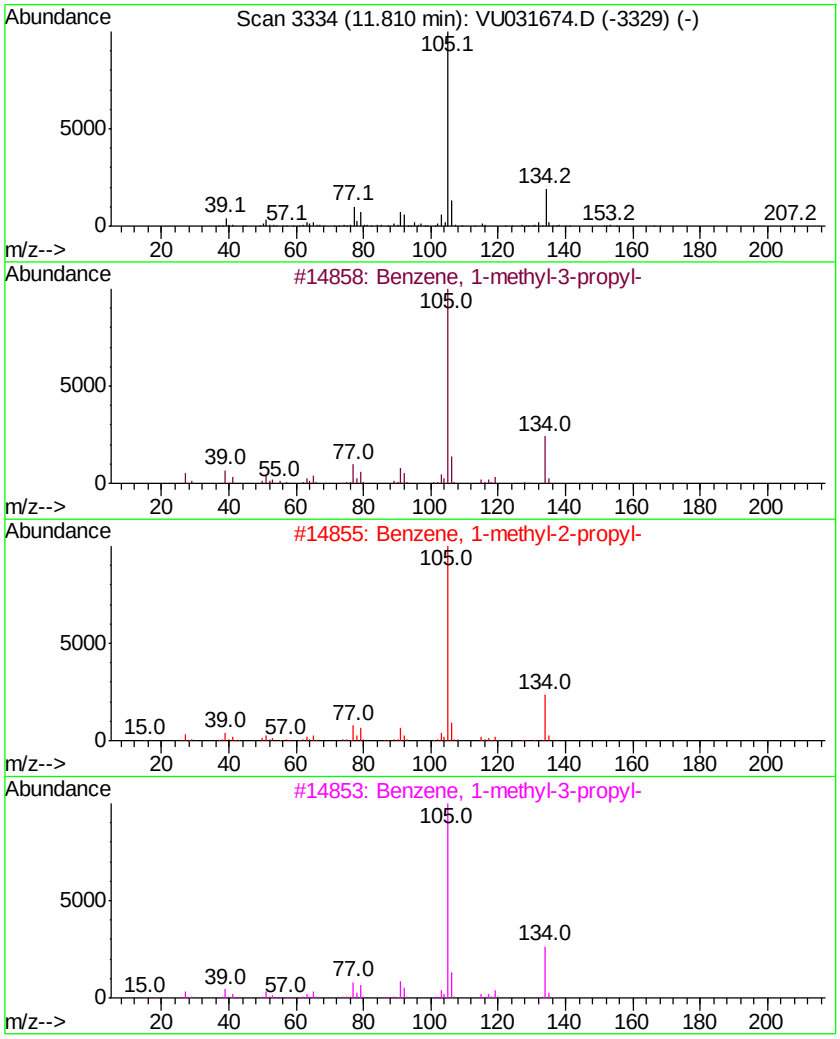
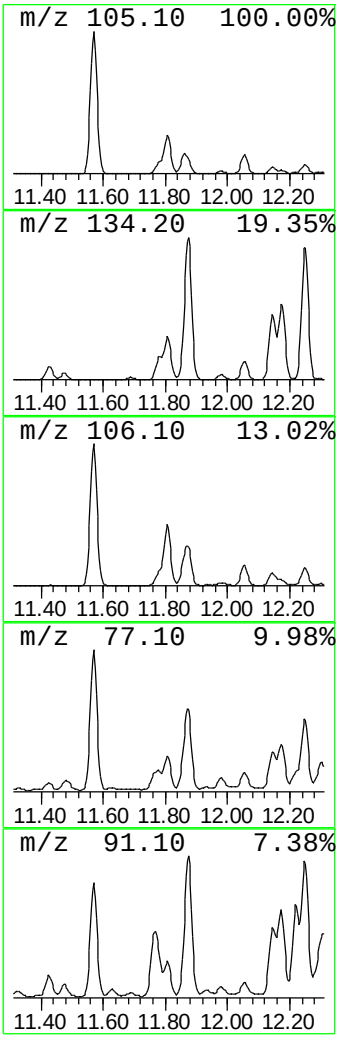
Peak Number 18 Benzene, 1-methyl-3-propyl- Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.81 | 29.55 ug/L | 1956860 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 90 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 90 |
| 3 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 90 |
| 4 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 87 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 87 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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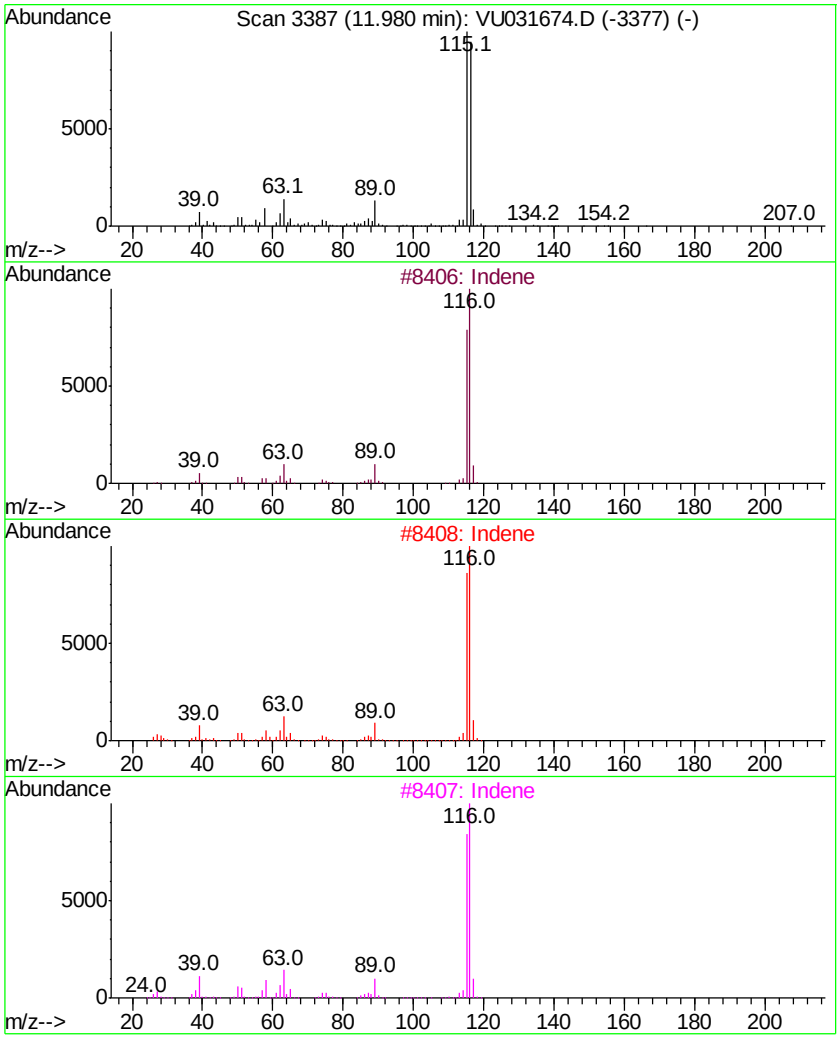
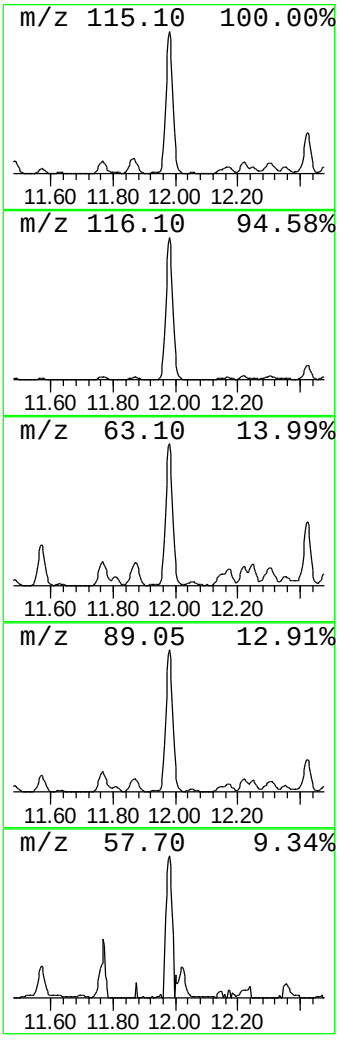
Peak Number 19 Indene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.98 | 188.54 ug/L | 12486400 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 97 |
| 2 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 3 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 4 | 2-Methylphenylacetylene | 116 | C9H8 | 000766-47-2 | 91 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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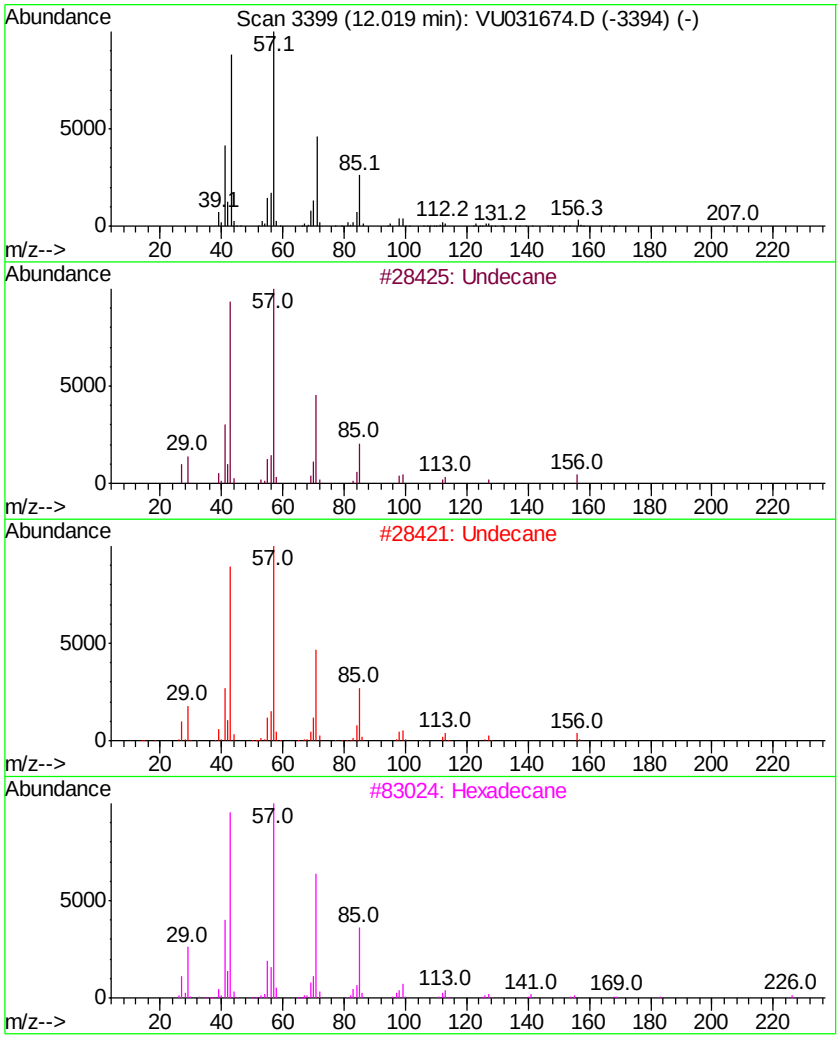
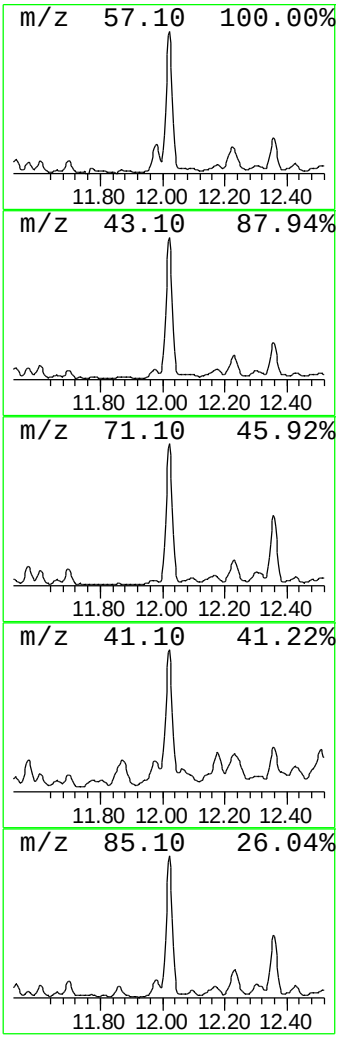
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.02 | 86.09 ug/L | 5701640 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 87 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

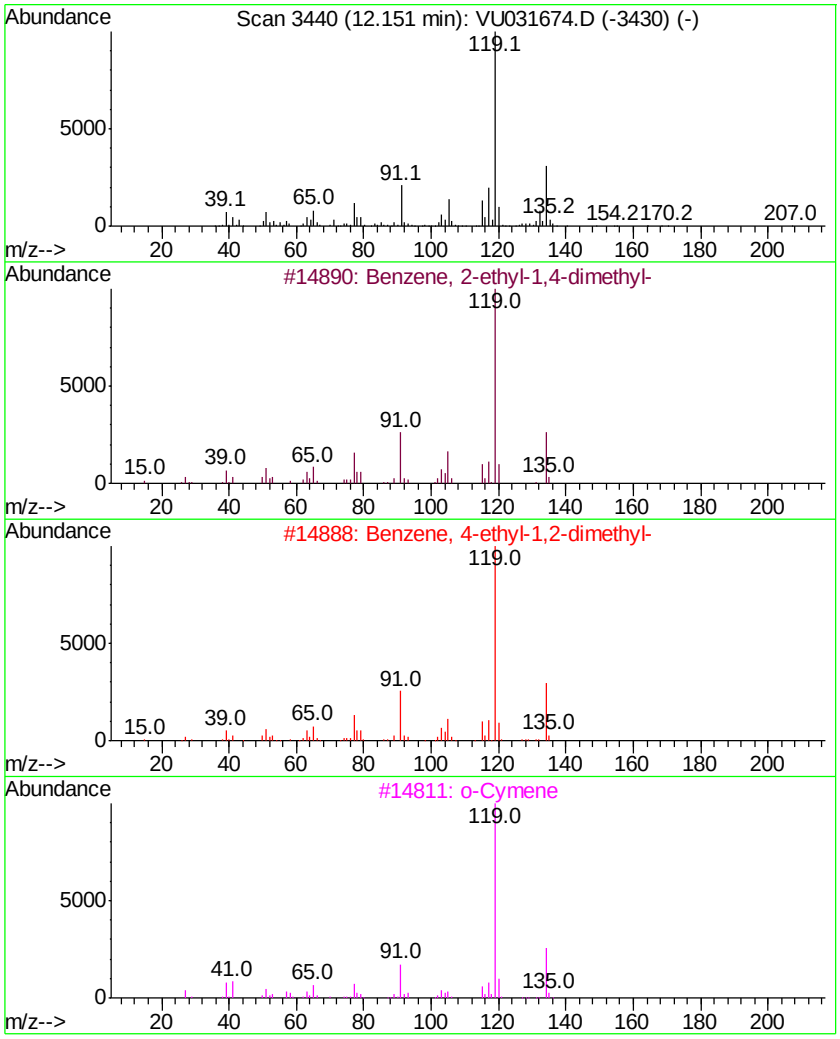
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

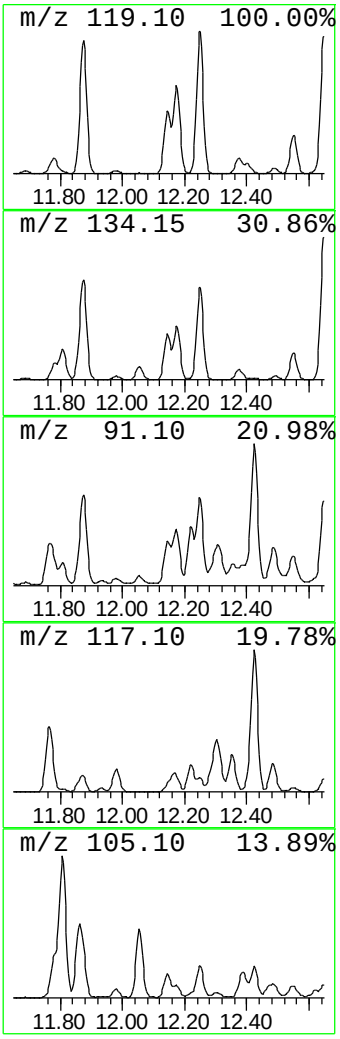
**********

Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.15 | 39.22 ug/L | 2597390 | 1,4-Dichlorobenzene-d4 | 11.49 |

| 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 | 96 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

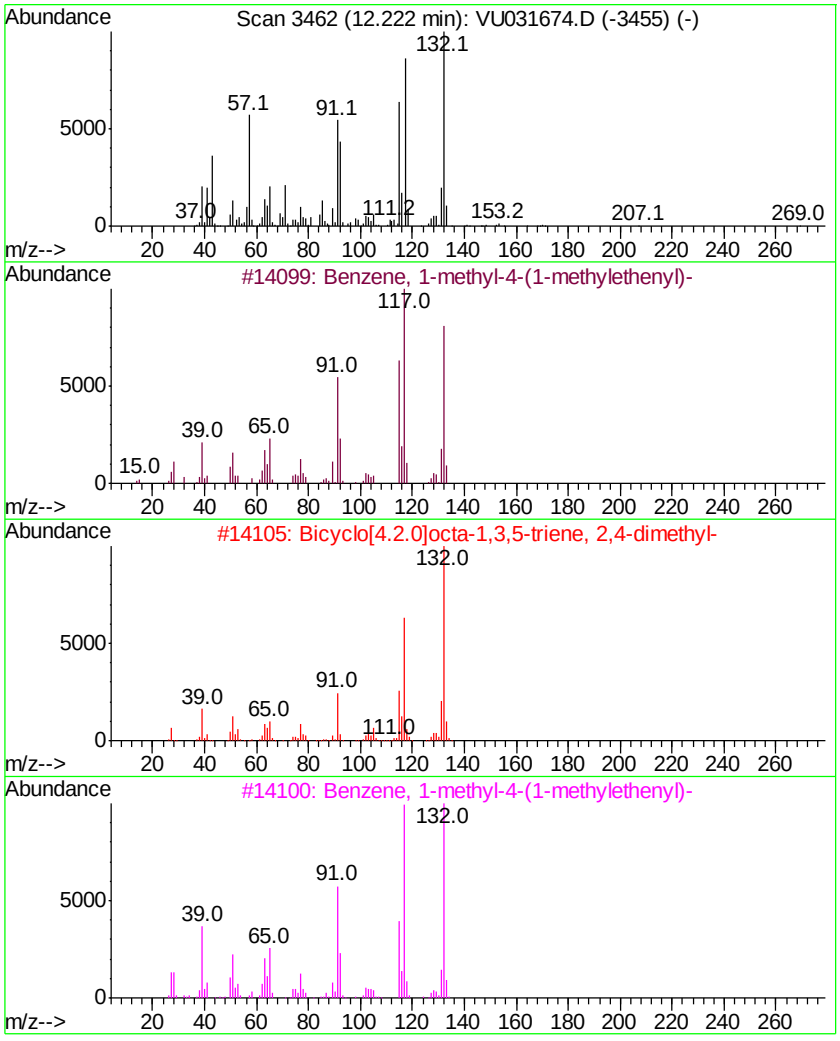
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

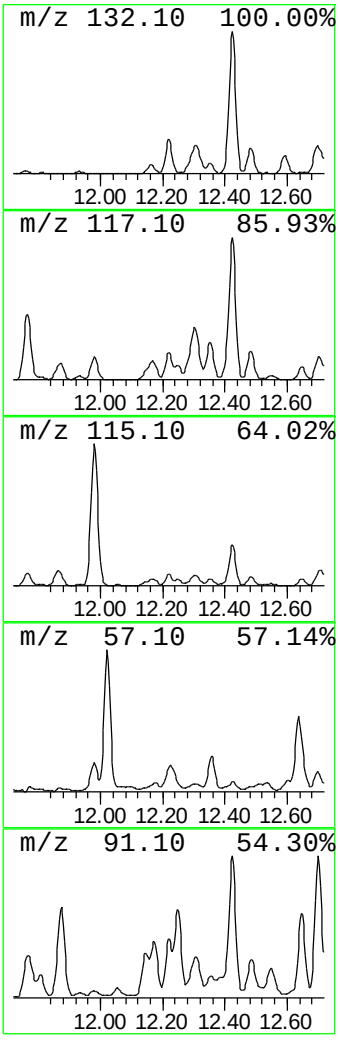
**********

Peak Number 23 Benzene, 1-methyl-4-(1-meth... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.22 | 45.30 ug/L | 2999790 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 95 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 93 |
| 3 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 70 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 68 |
| 5 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 68 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

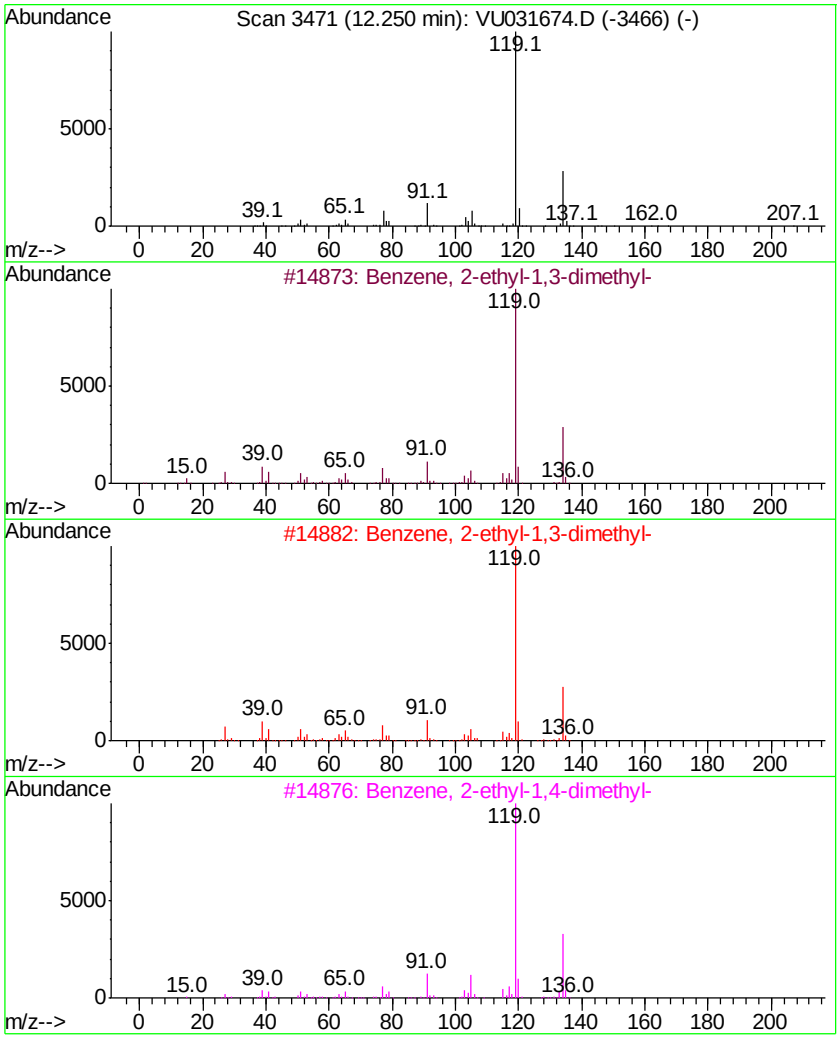
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

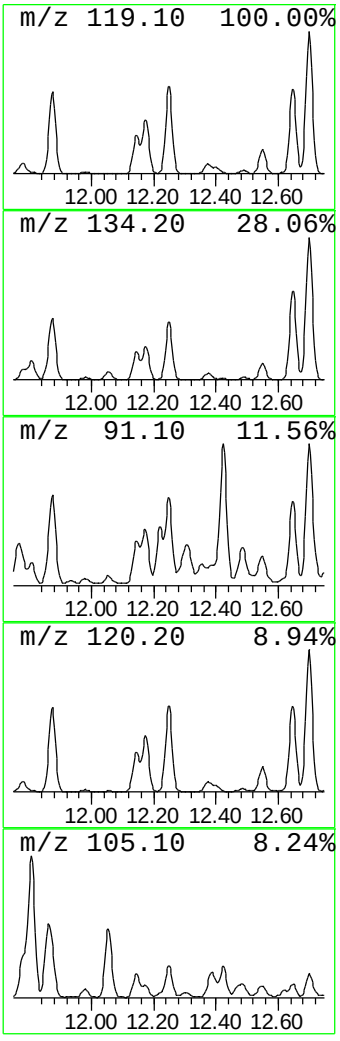
**********

Peak Number 24 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.25 | 66.94 ug/L | 4433300 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 91 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 91 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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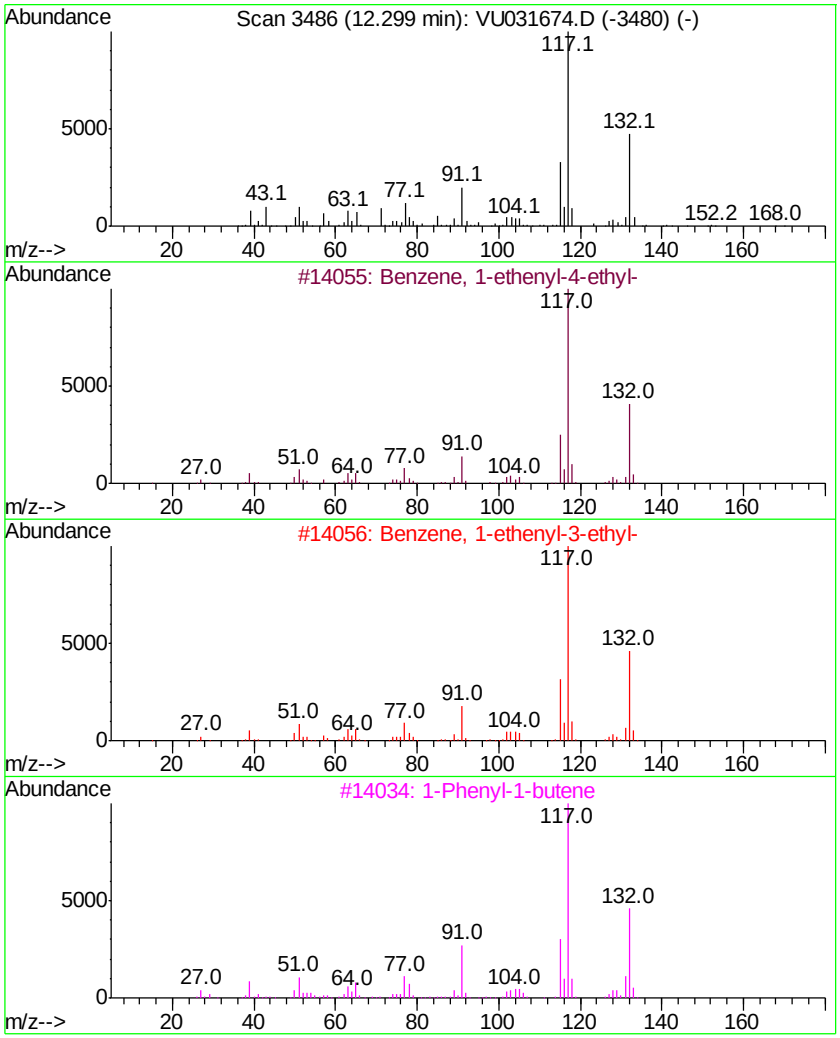
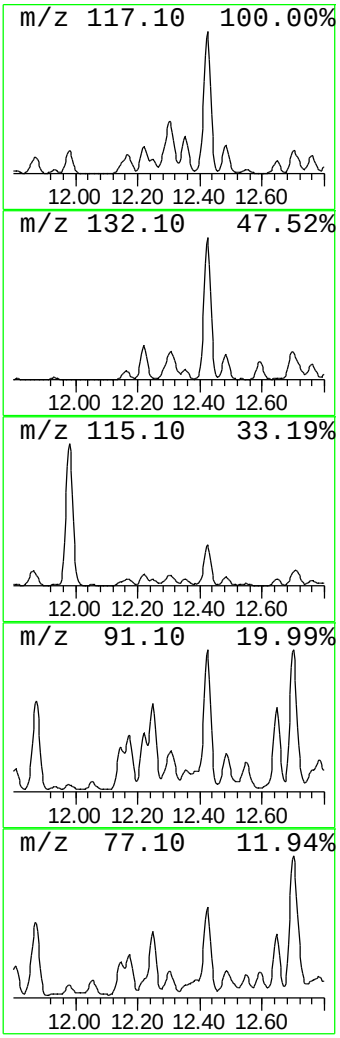
Peak Number 25 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.30 | 37.98 ug/L | 2515230 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 95 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 95 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 94 |
| 4 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 91 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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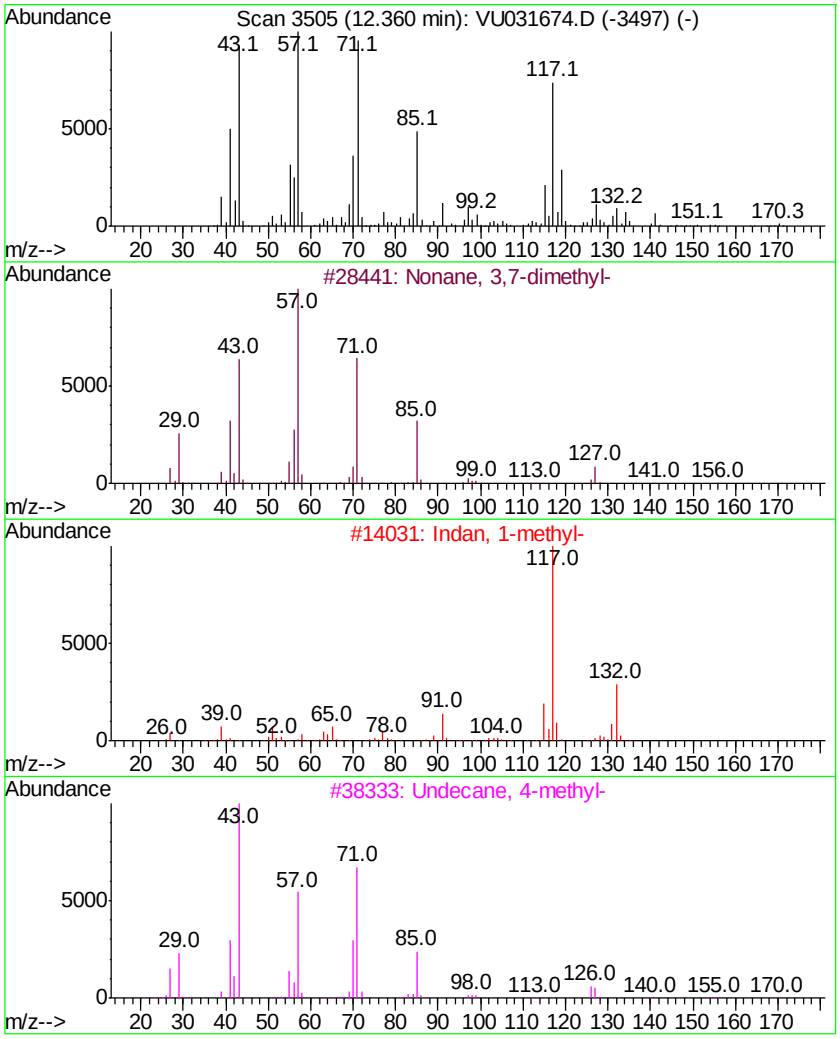
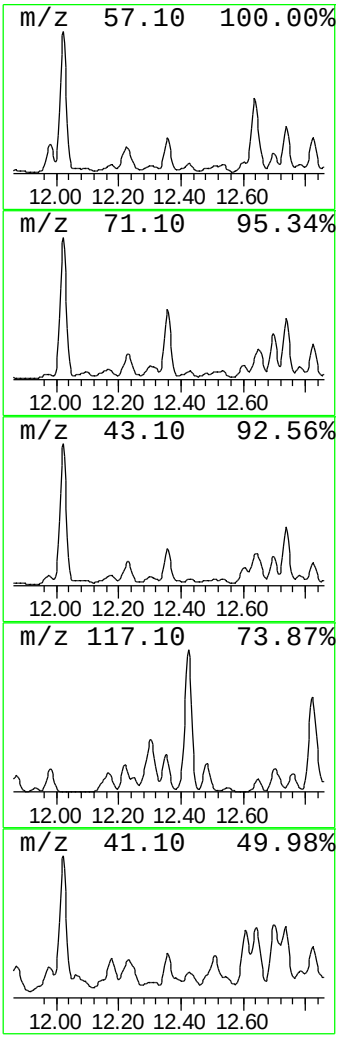
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.36 | 53.16 ug/L | 3520290 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 43 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 42 |
| 3 | Undecane, 4-methyl- | 170 | C12H26 | 002980-69-0 | 38 |
| 4 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 38 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 38 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

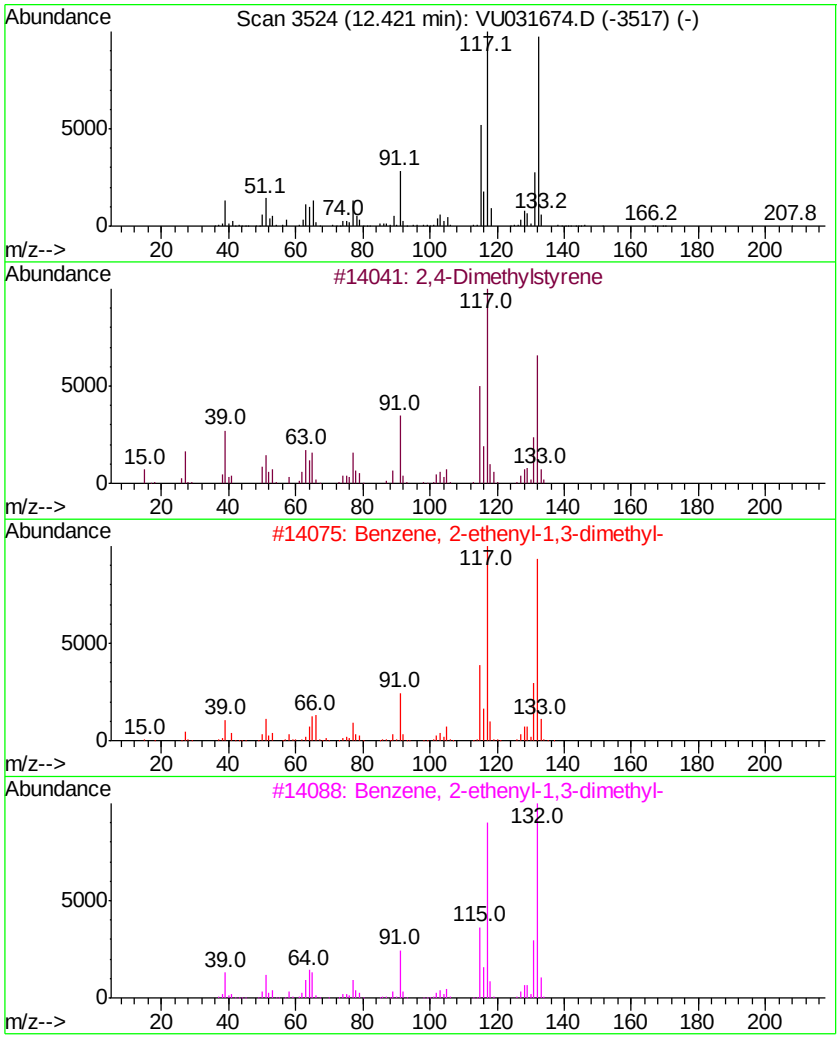
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

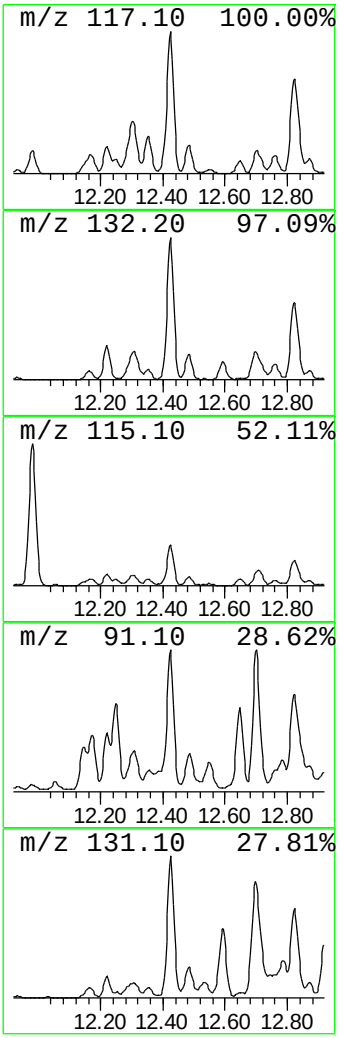
**********

Peak Number 27 2,4-Dimethylstyrene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.42 | 160.18 ug/L | 10608000 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 94 |
| 2 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 94 |
| 3 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 93 |
| 4 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 93 |
| 5 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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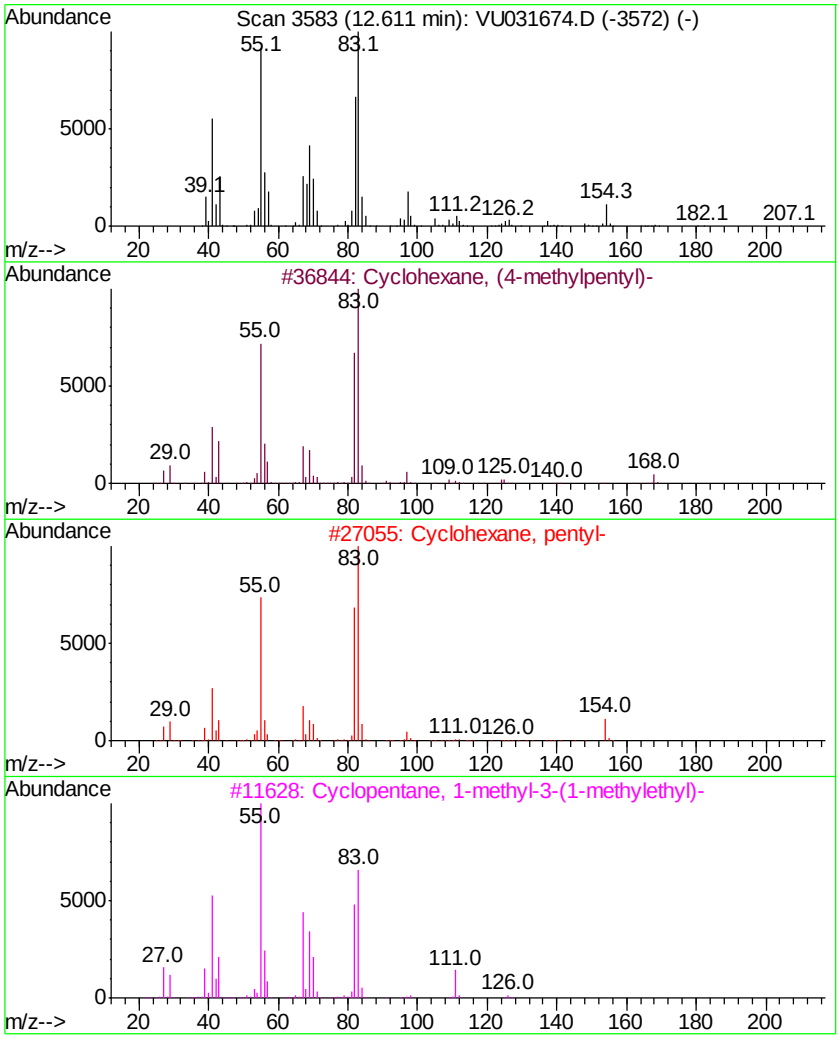
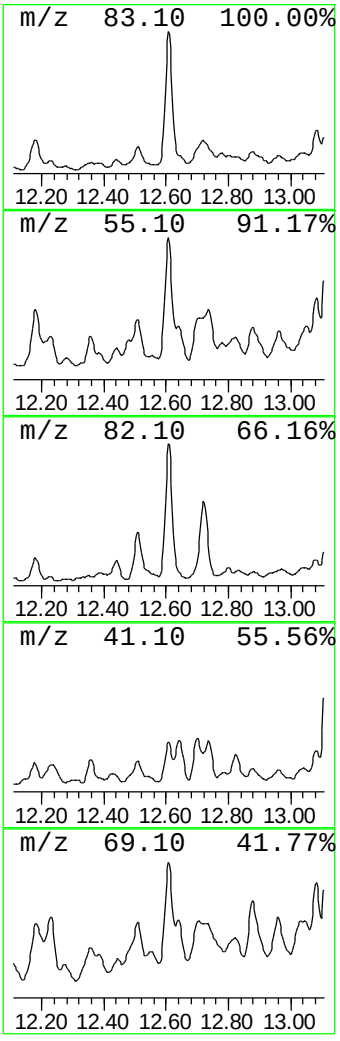
Peak Number 29 (DEL) Alkane: Cyclic12.61 Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.61 | 63.60 ug/L | 4212320 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (4-methylpentyl)- | 168 | C12H24 | 061142-20-9 | 68 |
| 2 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 64 |
| 3 | Cyclopentane, 1-methyl-3-(1-meth... | 126 | C9H18 | 053771-88-3 | 58 |
| 4 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 58 |
| 5 | Cyclopentane, 1-hexyl-3-methyl- | 168 | C12H24 | 061142-68-5 | 49 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

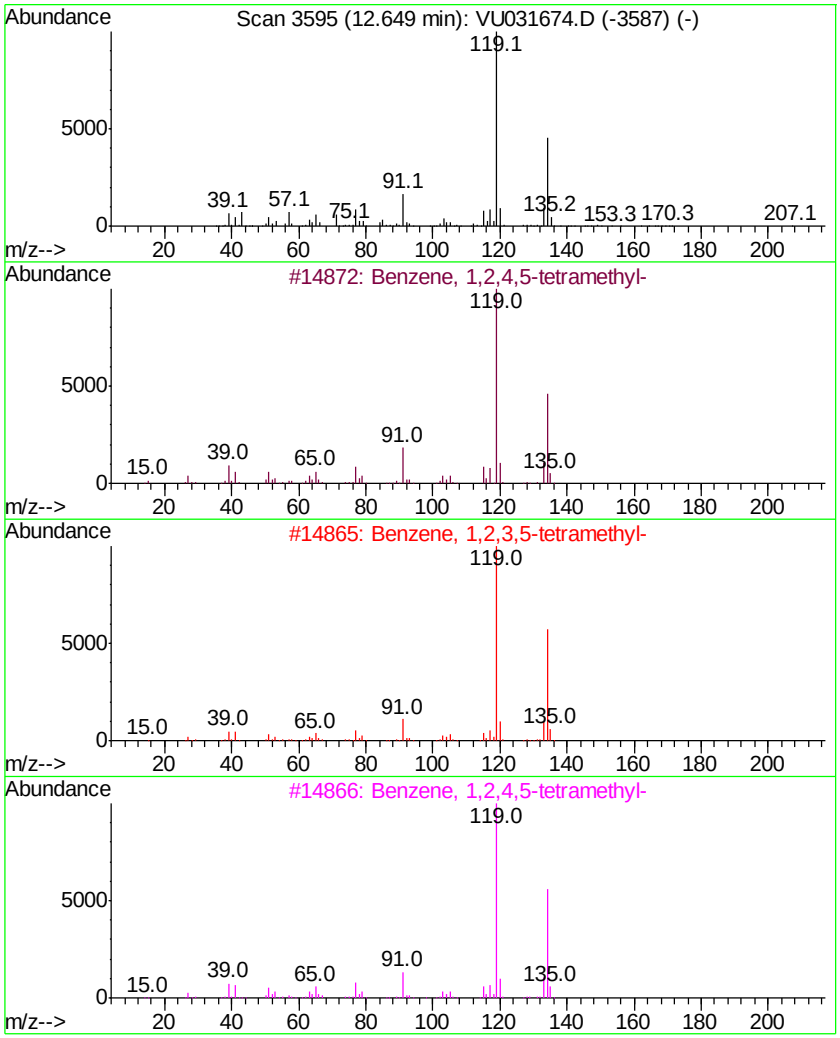
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

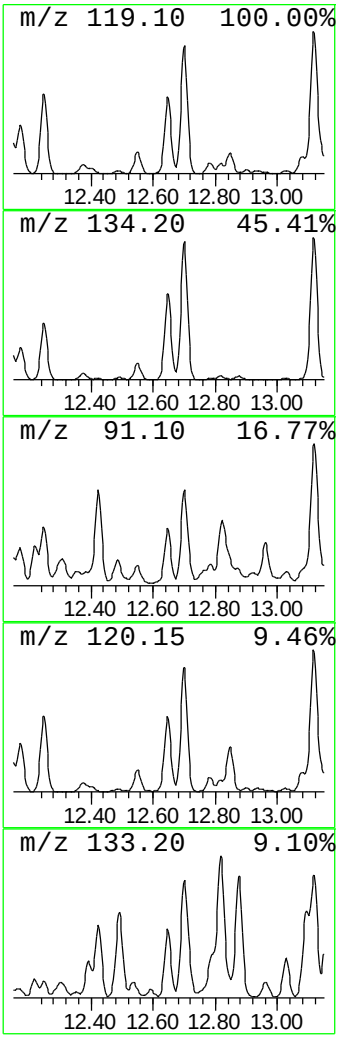
**********

Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.65 | 116.22 ug/L | 7696490 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 93 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

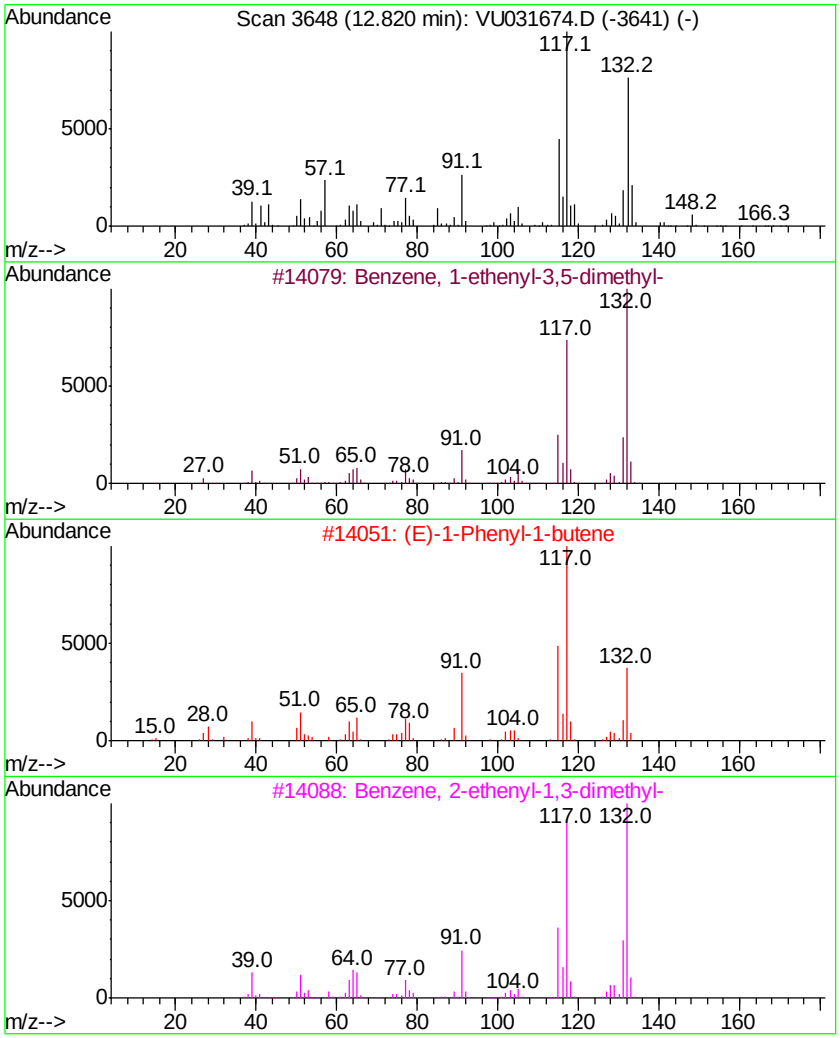
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

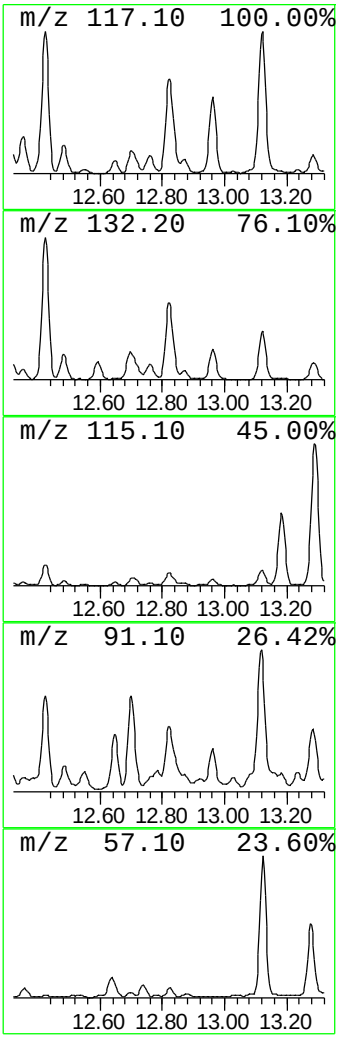
**********

Peak Number 32 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.82 | 119.89 ug/L | 7939770 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12 | 005379-20-4 | 95 |
| 2 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 91 |
| 3 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 91 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 90 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

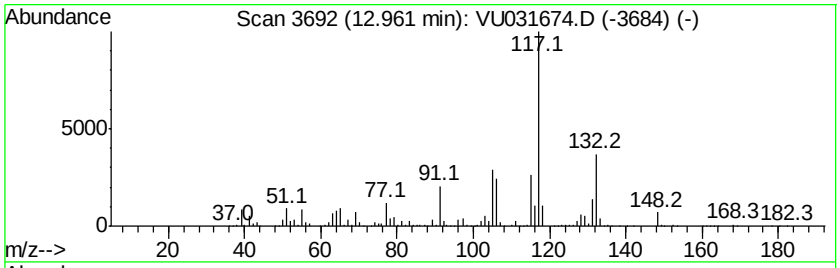
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

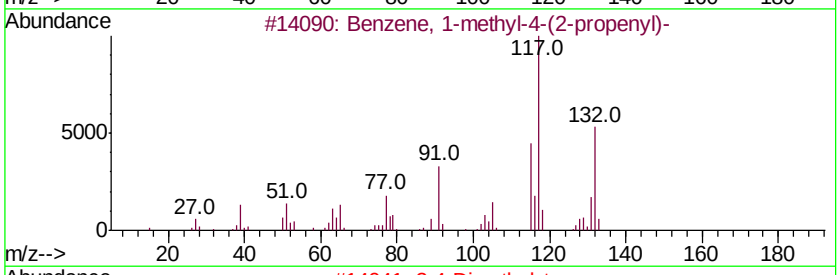
**********

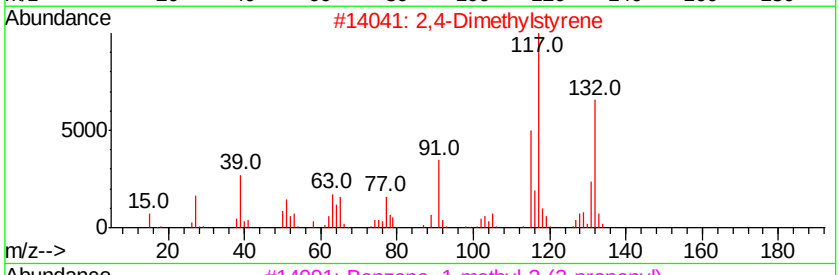
Peak Number 33 Benzene, 1-methyl-4-(2-prop... Concentration Rank 23

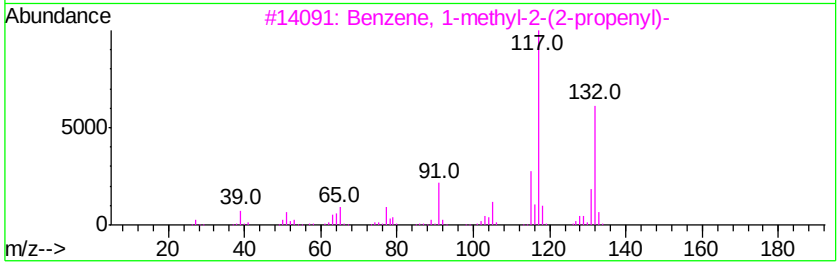
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.96 | 75.10 ug/L | 4973940 | 1,4-Dichlorobenzene-d4 | 11.49 |

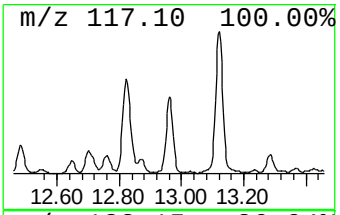
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 90 |
| 2 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 87 |
| 3 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 81 |
| 4 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 76 |
| 5 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 76 |

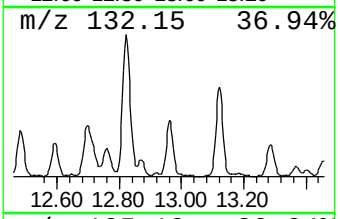


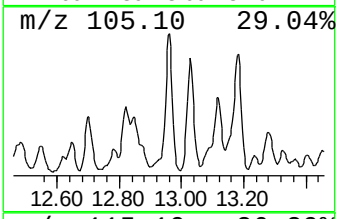



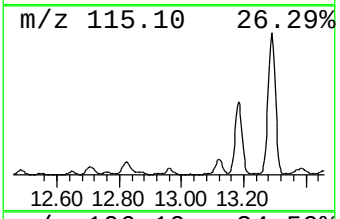



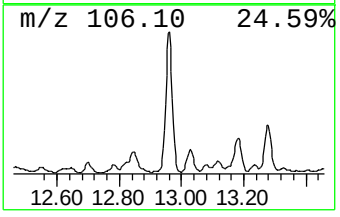



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

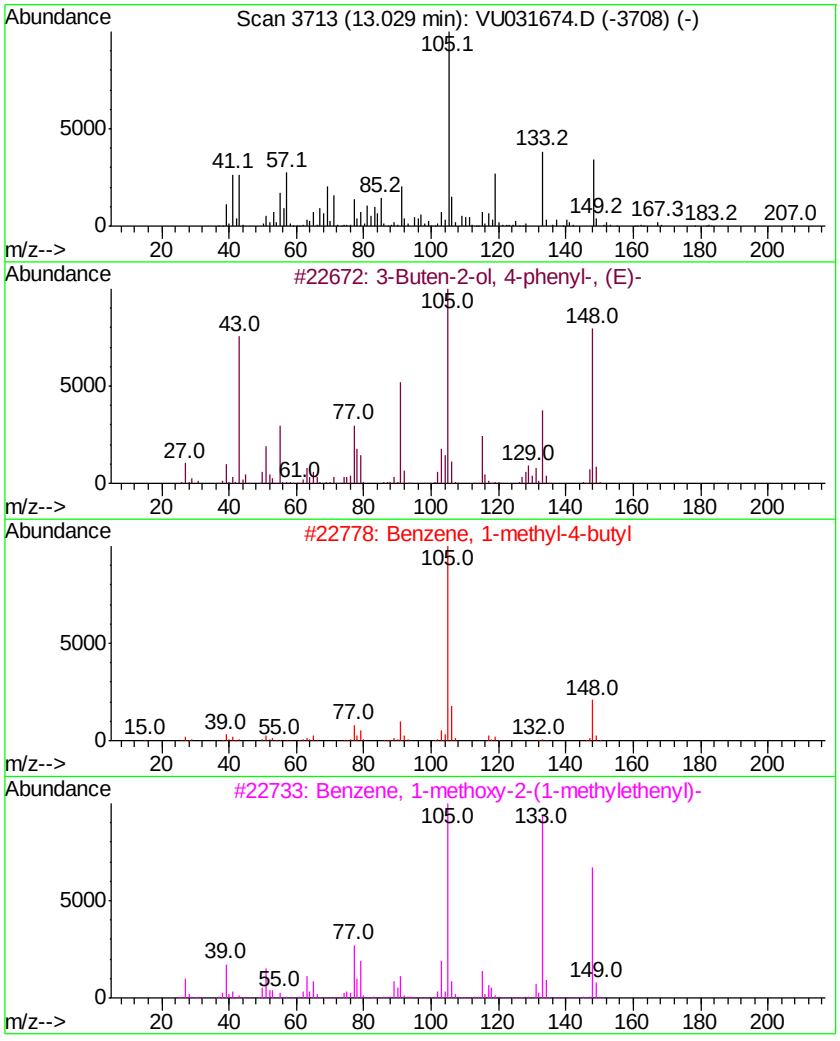
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

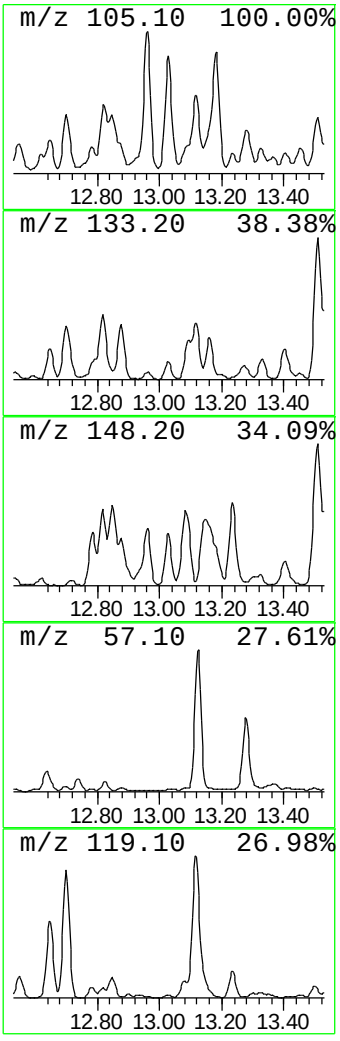
**********

Peak Number 34 unknown-01 Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.03 | 22.16 ug/L | 1467380 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Buten-2-ol, 4-phenyl-, (E)- | 148 | C10H12O | 1000163-70-9 | 38 |
| 2 | Benzene, 1-methyl-4-butyl | 148 | C11H16 | 001595-05-7 | 25 |
| 3 | Benzene, 1-methoxy-2-(1-methylet... | 148 | C10H12O | 010278-02-1 | 25 |
| 4 | Benzene, (1,2-dimethylpropyl)- | 148 | C11H16 | 004481-30-5 | 22 |
| 5 | Benzene, (1-methylbutyl)- | 148 | C11H16 | 002719-52-0 | 22 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

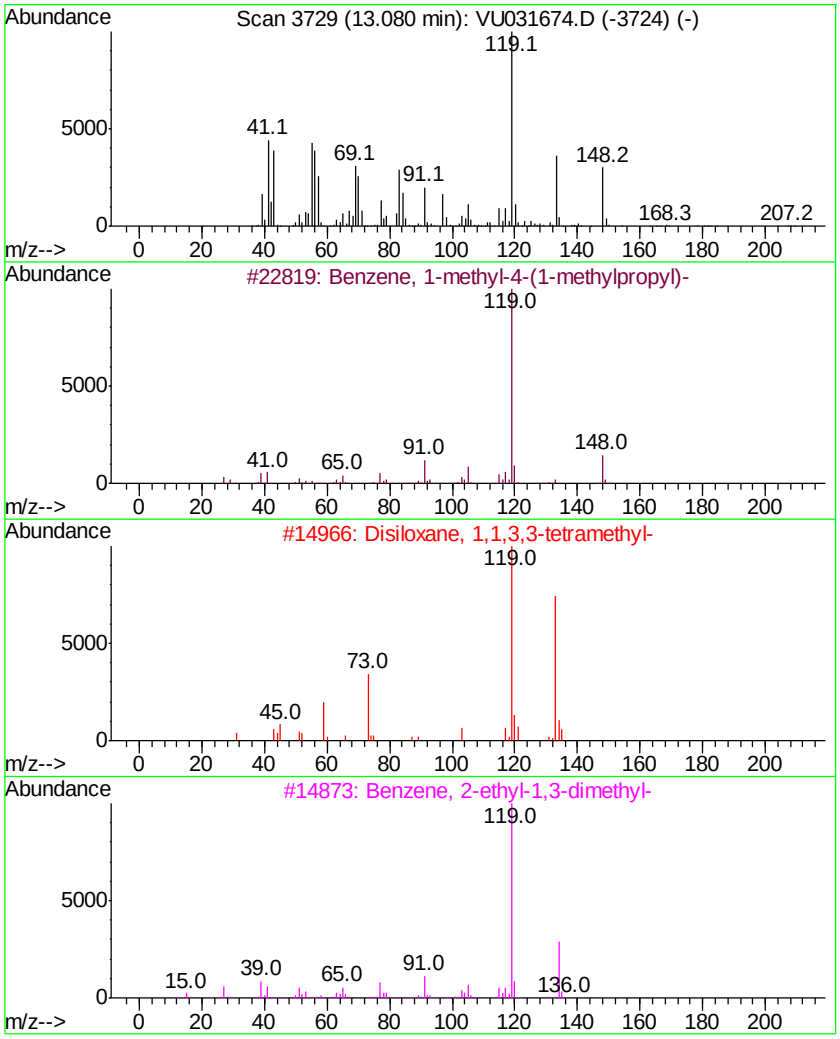
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

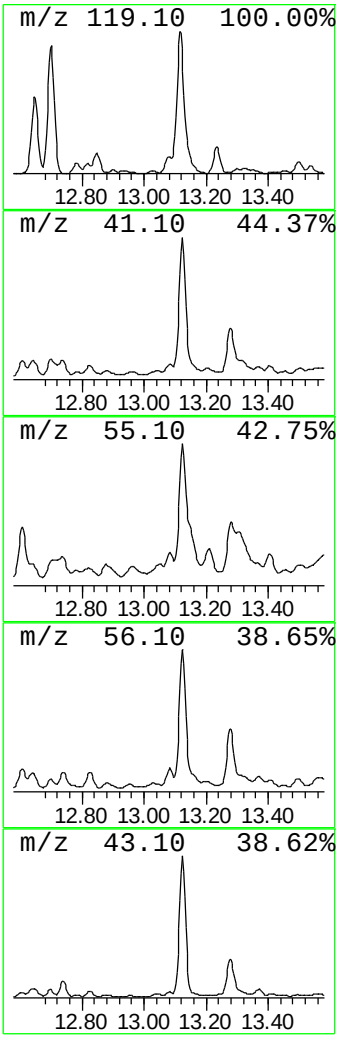
**********

Peak Number 35 unknown-02 Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.08 | 26.49 ug/L | 1754540 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 46 |
| 2 | Disiloxane, 1,1,3,3-tetramethyl- | 134 | C4H14OSi2 | 003277-26-7 | 43 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 38 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 38 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 38 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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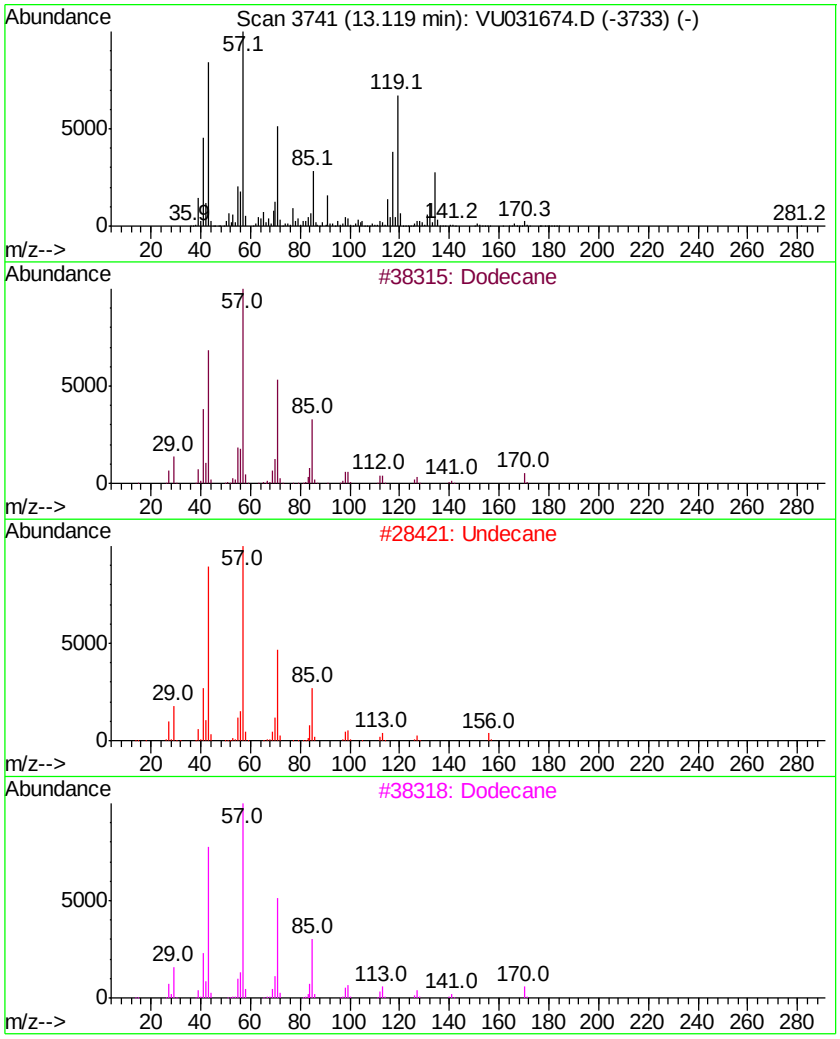
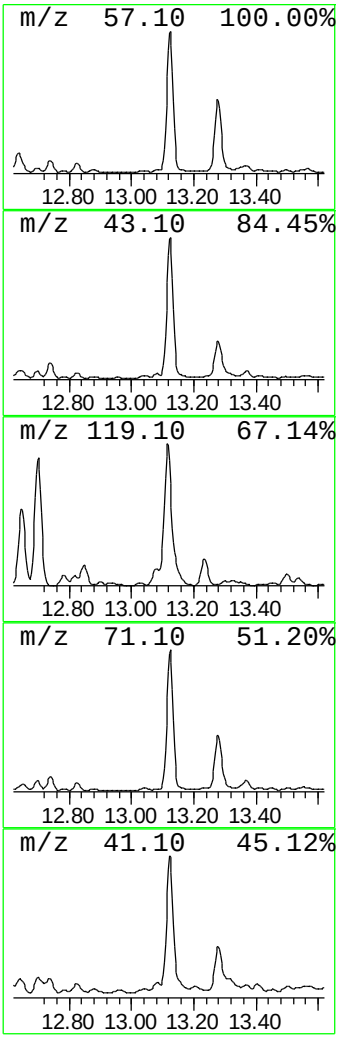
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.12 | 658.49 ug/L | 43609800 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane | 170 | C12H26 | 000112-40-3 | 86 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 42 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 41 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 30 |
| 5 | Heptane, 3,4-dimethyl- | 128 | C9H20 | 000922-28-1 | 30 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

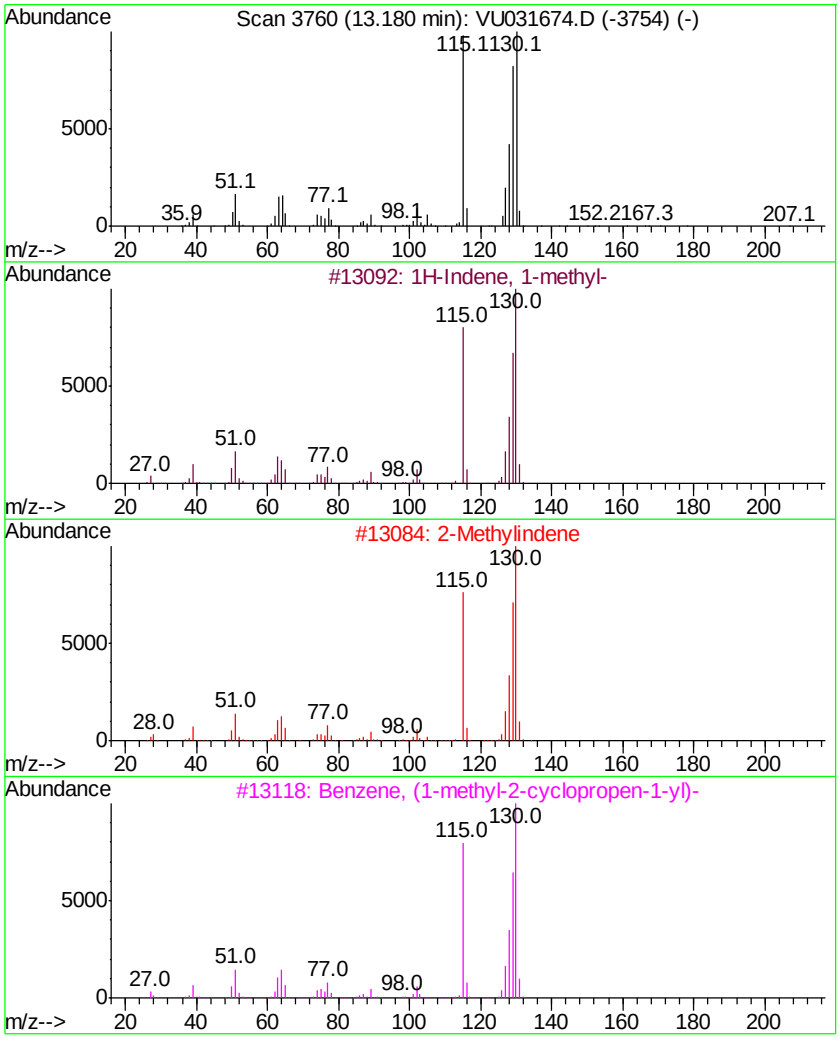
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

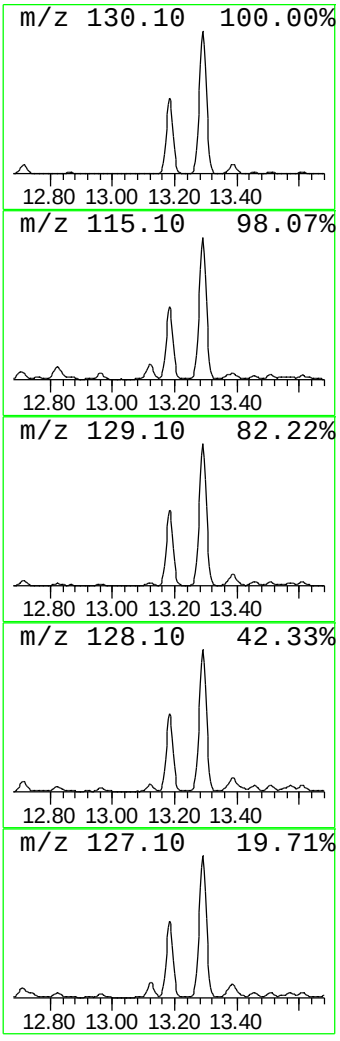
**********

Peak Number 37 1H-Indene, 1-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.18 | 289.41 ug/L | 19166700 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 94 |
| 2 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 93 |
| 3 | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 93 |
| 4 | 1H-Indene, 3-methyl- | 130 | C10H10 | 000767-60-2 | 91 |
| 5 | Benzene,1-methyl-1,2-propadienyl- | 130 | C10H10 | 022433-39-2 | 90 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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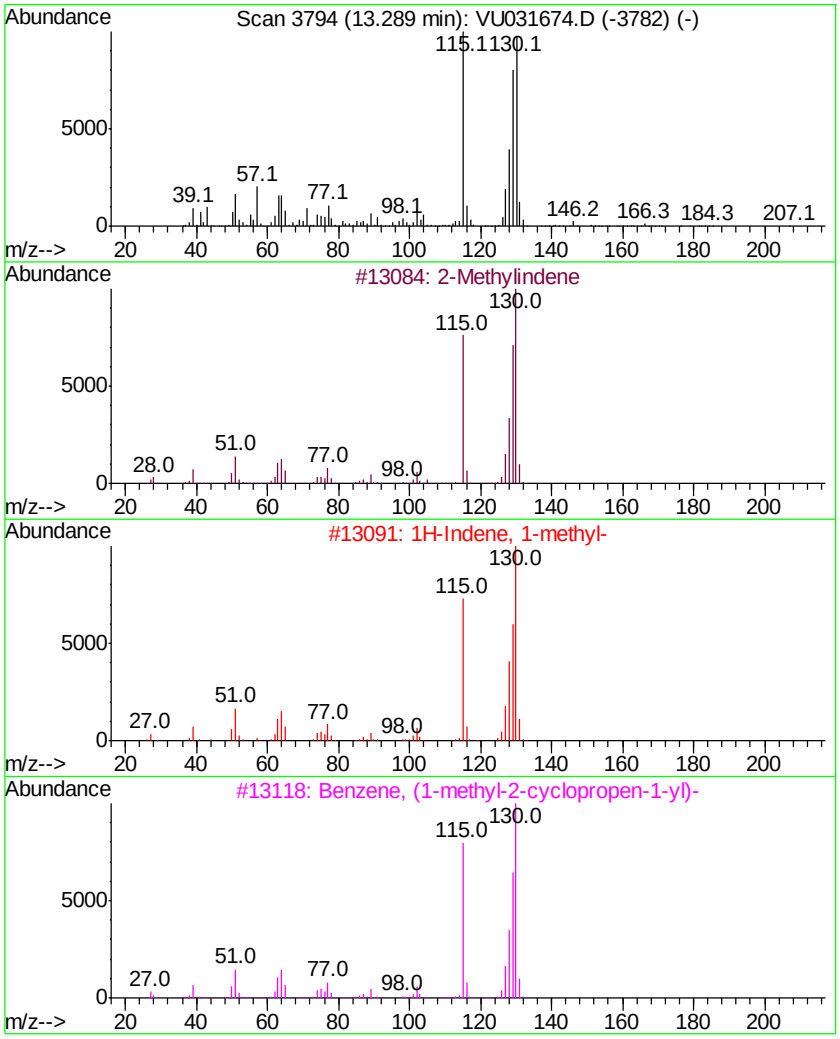
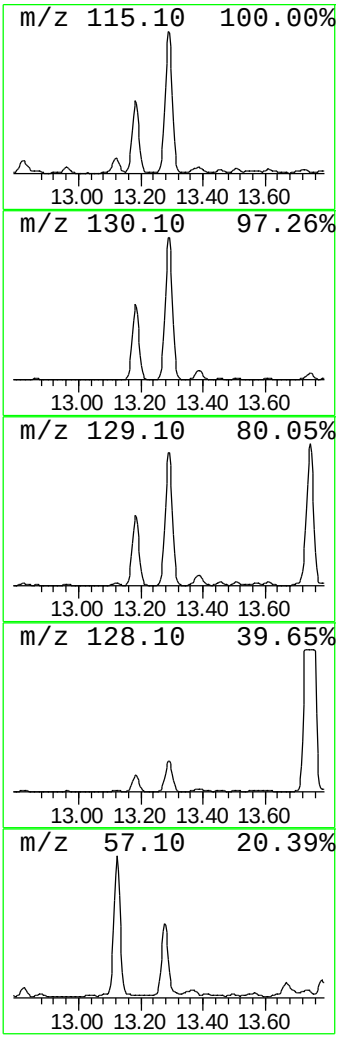
Peak Number 38 2-Methylindene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.29 | 835.11 ug/L | 55306500 | 1,4-Dichlorobenzene-d4 | 11.49 |

| 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-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 96 |
| 4 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 96 |
| 5 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 95 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

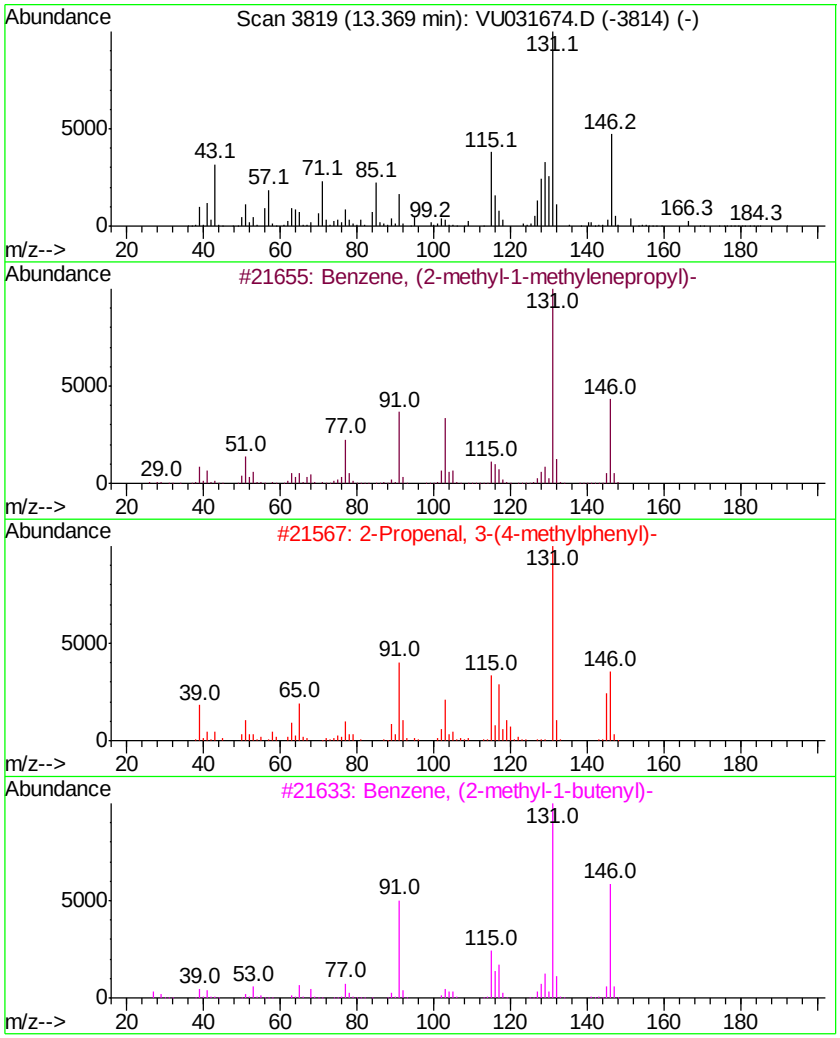
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

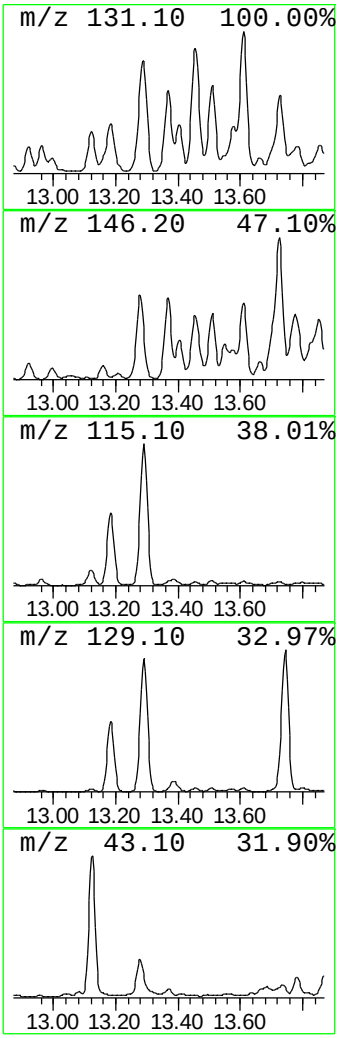
**********

Peak Number 39 unknown-03 Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.37 | 33.46 ug/L | 2215890 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-methylenepr... | 146 | C11H14 | 017498-71-4 | 45 |
| 2 | 2-Propenal, 3-(4-methylphenyl)- | 146 | C10H10O | 001504-75-2 | 43 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 43 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 43 |
| 5 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 43 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

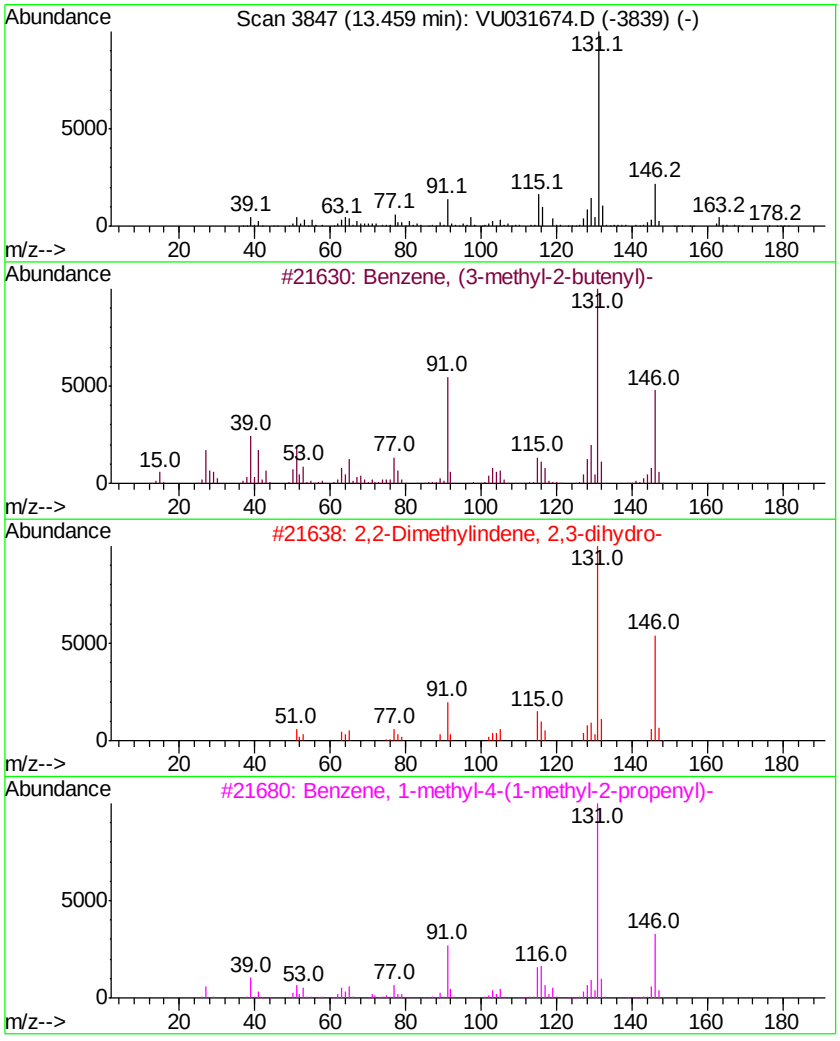
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

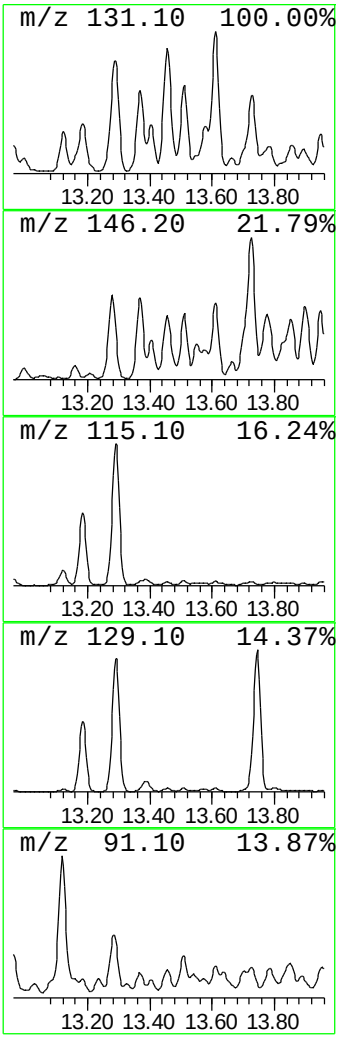
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Benzene, (3-methyl-2-butenyl)- Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.46 | 37.69 ug/L | 2495920 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 94 |
| 2 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 3 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

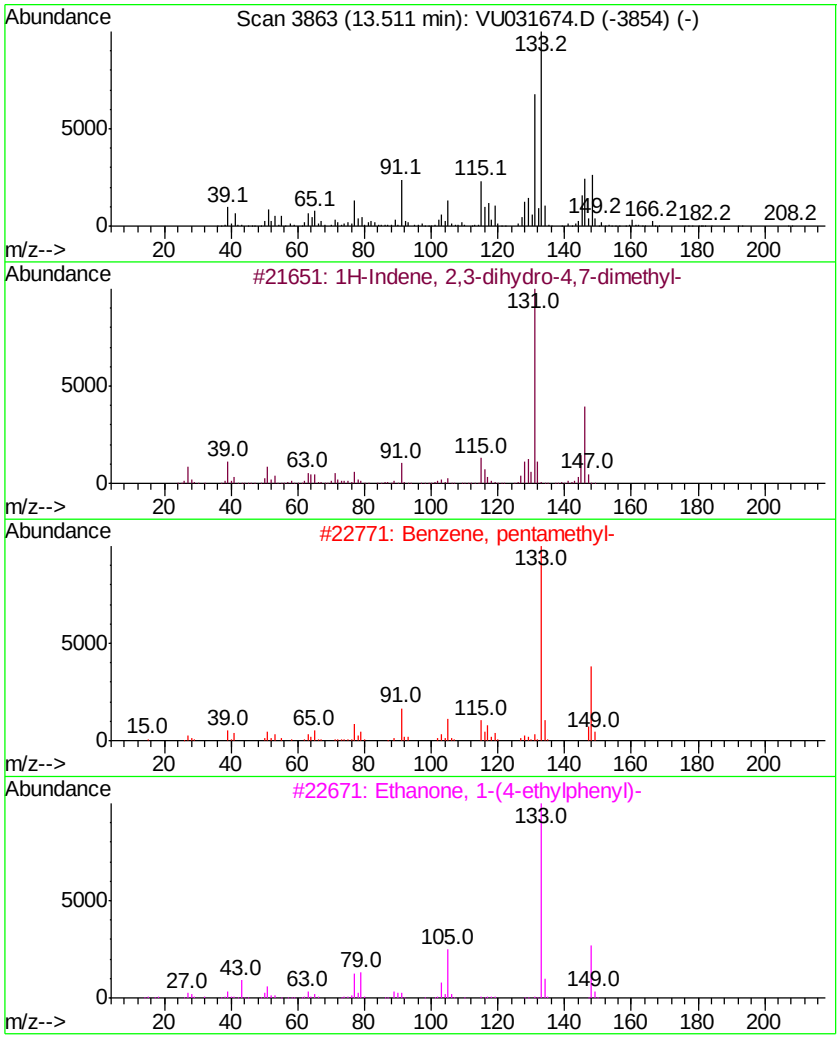
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

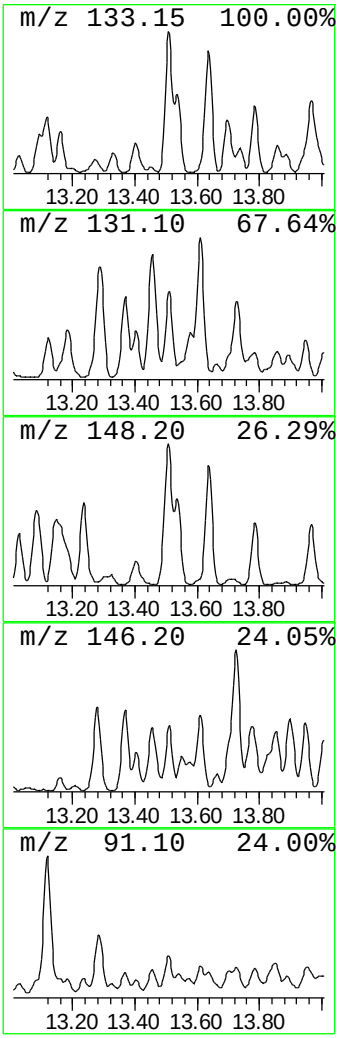
**********

Peak Number 41 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.51 | 74.74 ug/L | 4949730 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 83 |
| 2 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 55 |
| 3 | Ethanone, 1-(4-ethylphenyl)- | 148 | C10H12O | 000937-30-4 | 50 |
| 4 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 49 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 46 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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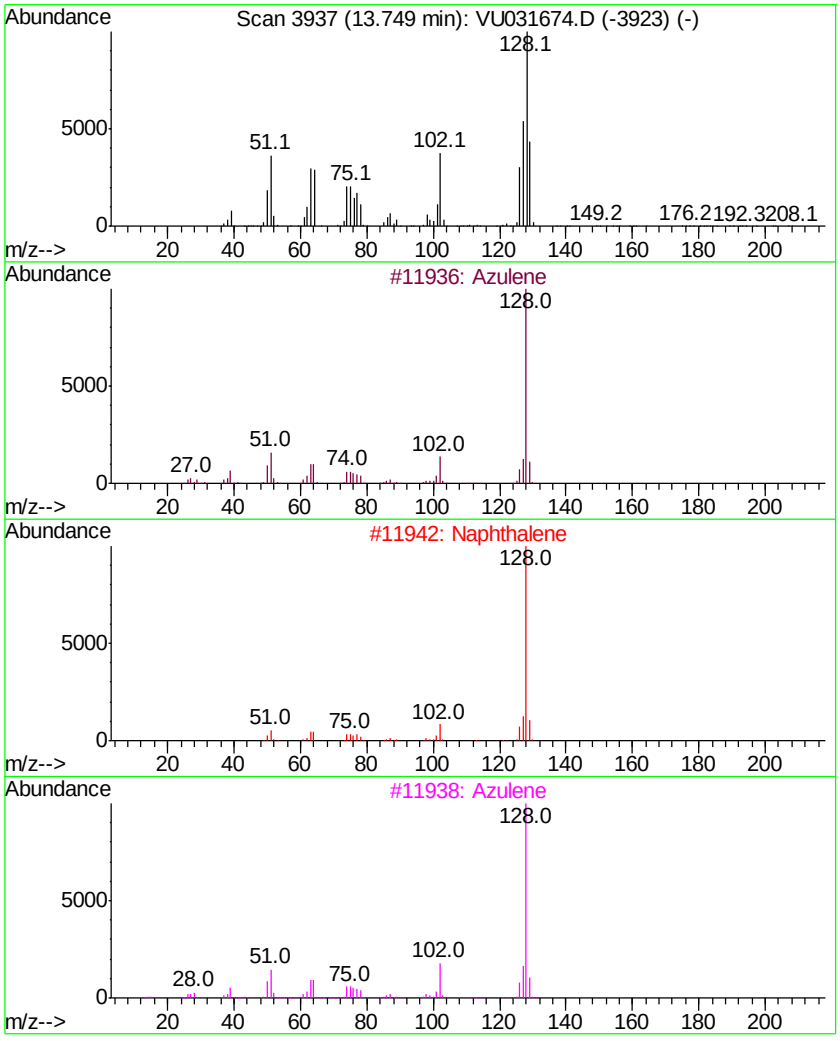
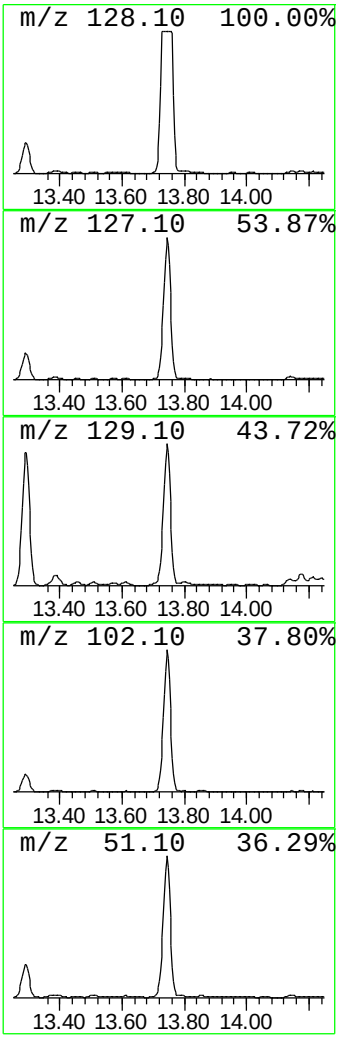
Peak Number 43 Azulene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.75 | 1520.65 ug/L | 100707000 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Azulene | 128 | C10H8 | 000275-51-4 | 95 |
| 2 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 3 | Azulene | 128 | C10H8 | 000275-51-4 | 90 |
| 4 | 4-Phenylbut-3-ene-1-yne | 128 | C10H8 | 1000222-12-0 | 76 |
| 5 | Azulene | 128 | C10H8 | 000275-51-4 | 68 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

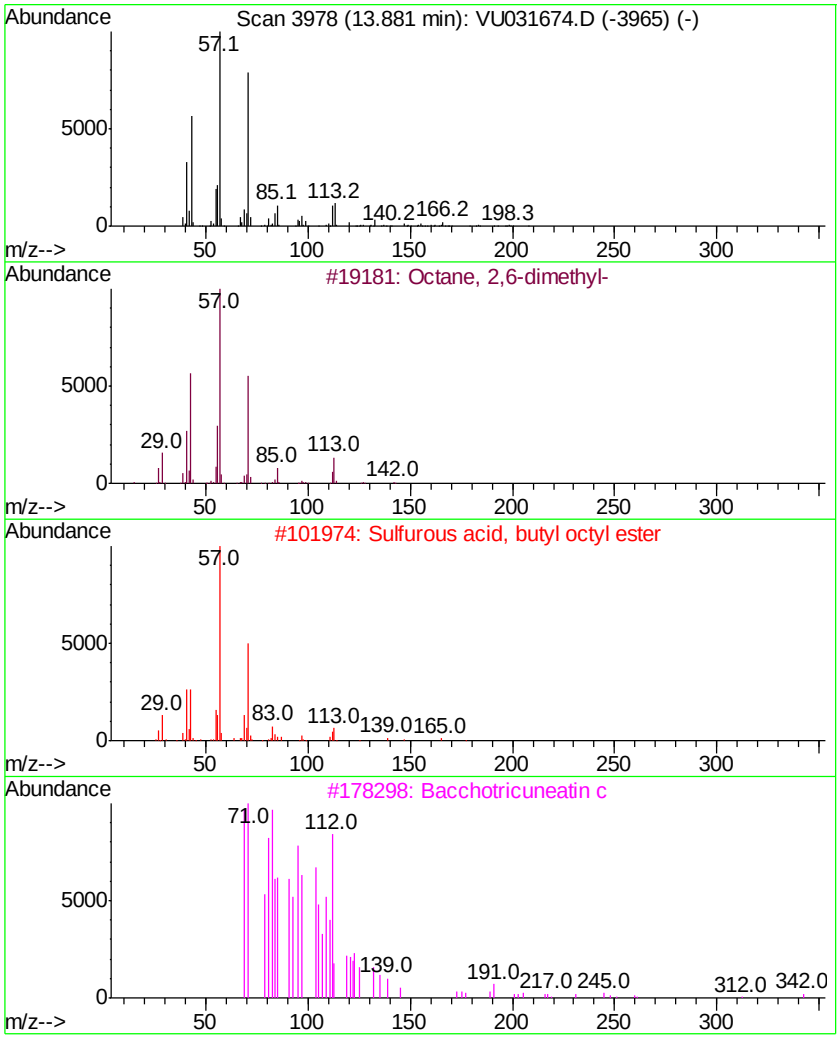
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

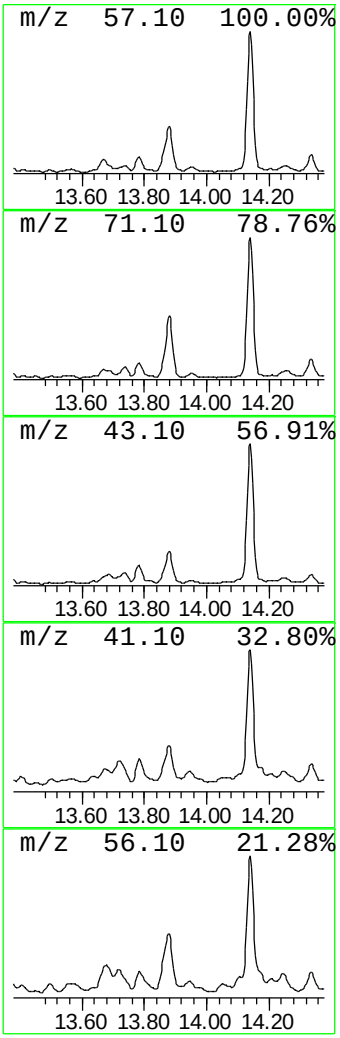
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.88 | 219.80 ug/L | 14556300 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 78 |
| 2 | Sulfurous acid, butyl octyl ester | 250 | C12H26O3S | 1000309-17-5 | 72 |
| 3 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 72 |
| 4 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 64 |
| 5 | Heptane, 5-ethyl-2-methyl- | 142 | C10H22 | 013475-78-0 | 64 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

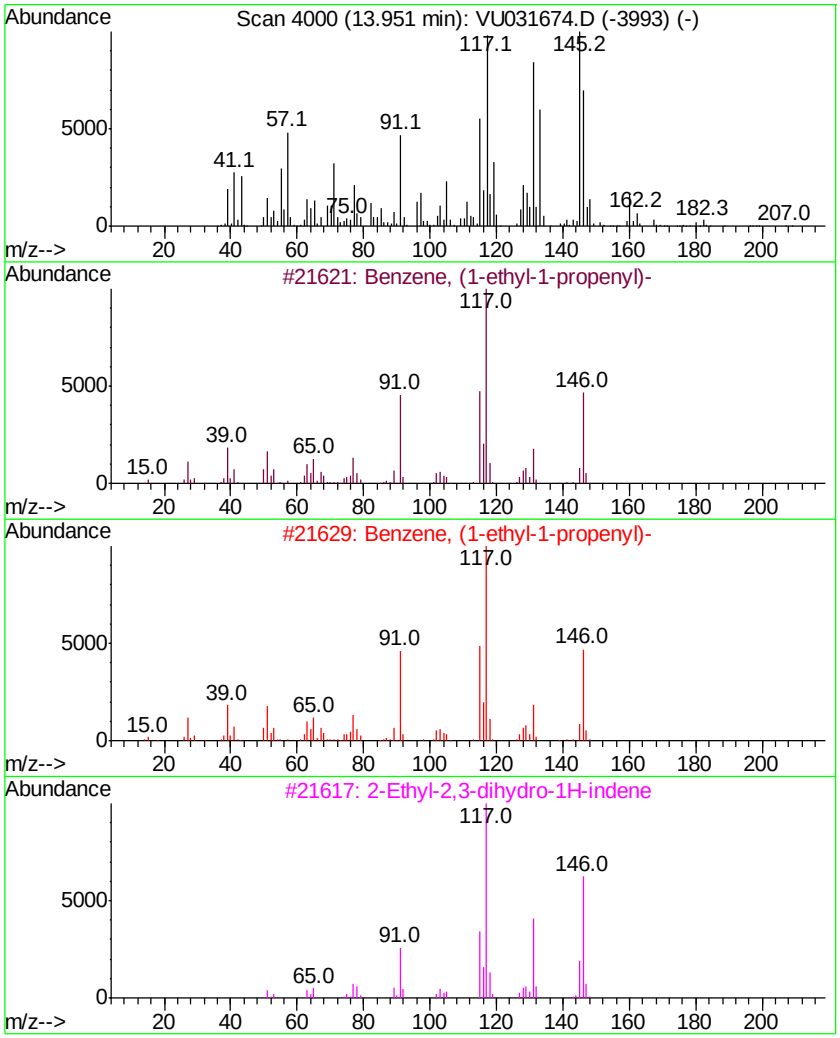
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

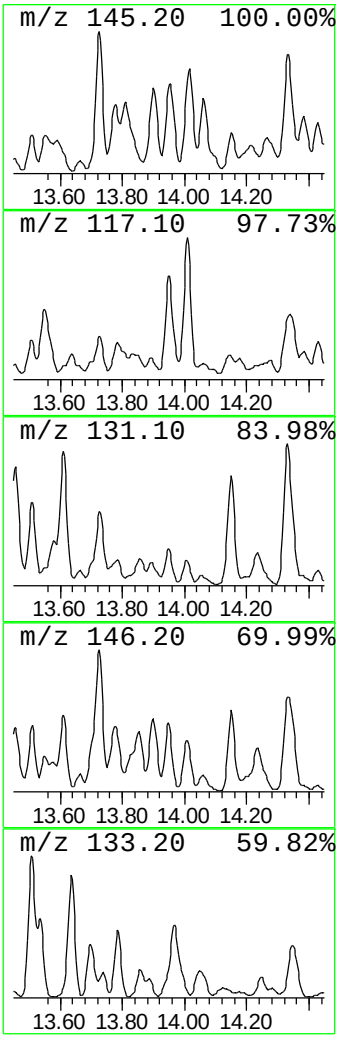
**********

Peak Number 45 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.95 | 54.71 ug/L | 3623420 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 86 |
| 2 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 86 |
| 3 | 2-Ethyl-2,3-dihydro-1H-indene | 146 | C11H14 | 056147-63-8 | 50 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 50 |
| 5 | 2-Propenal, 2-methyl-3-phenyl- | 146 | C10H10O | 000101-39-3 | 50 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

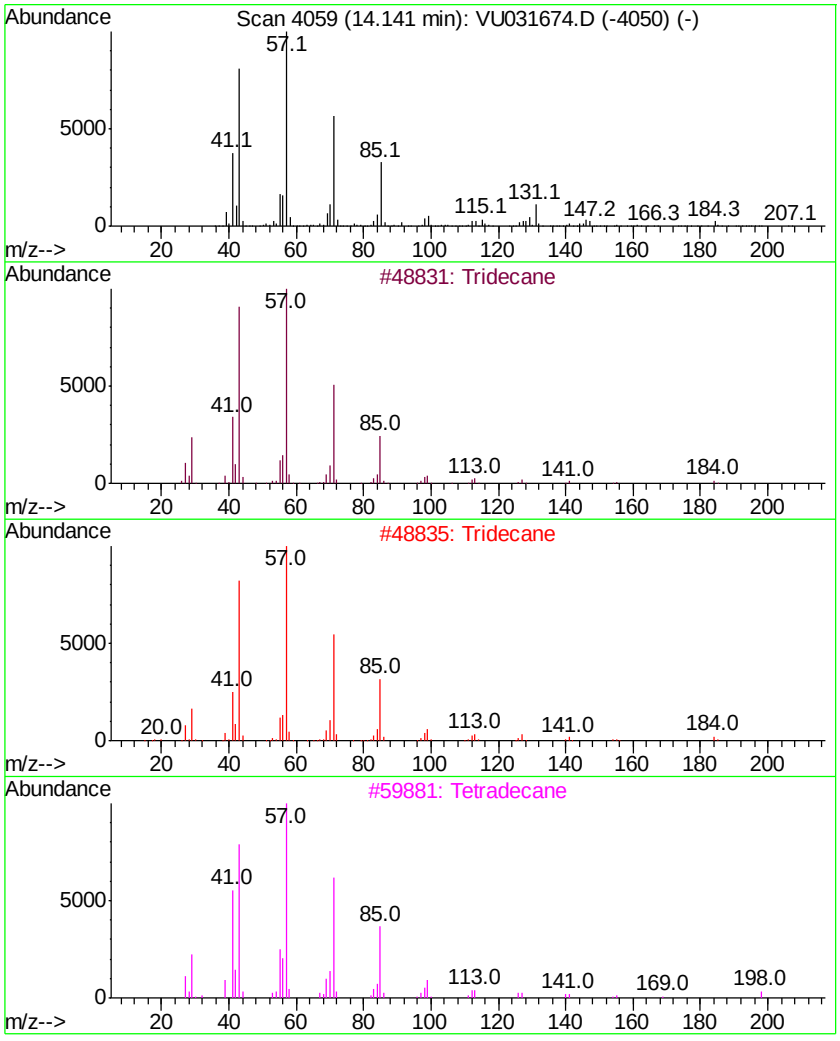
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

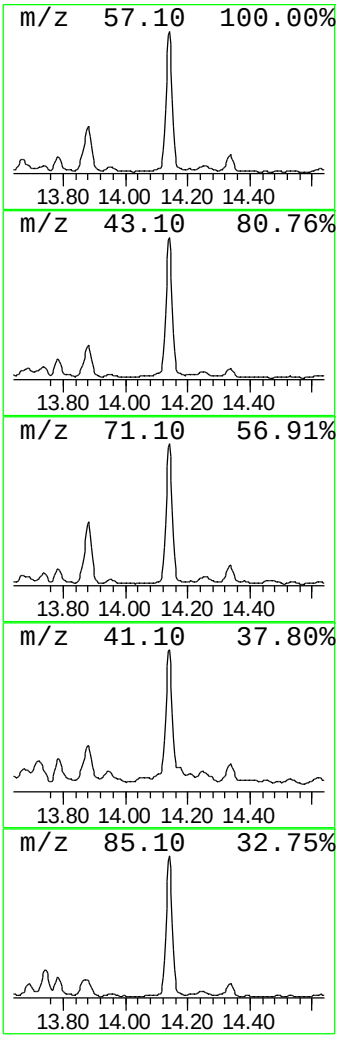
**********

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.14 | 412.34 ug/L | 27307500 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 95 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 93 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 93 |
| 5 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 80 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

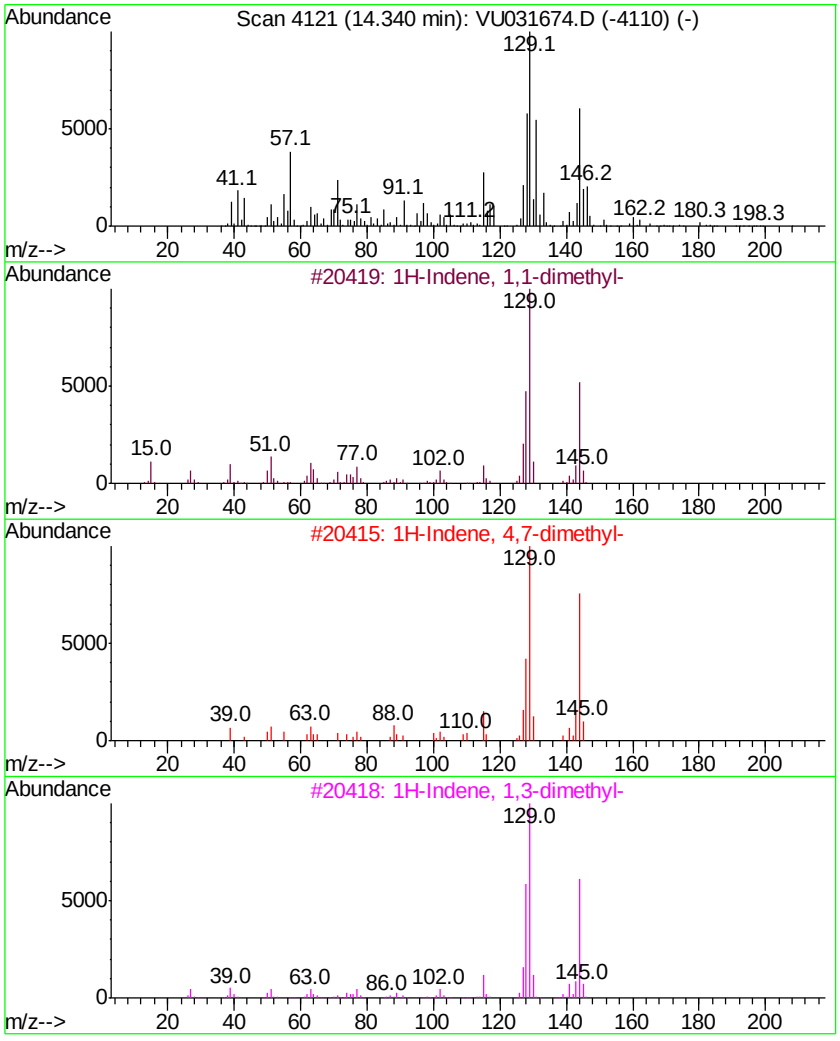
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

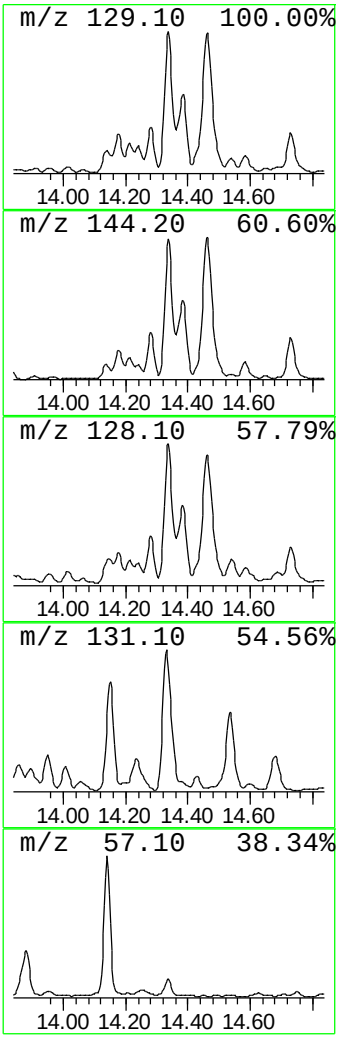
**********

Peak Number 47 1H-Indene, 1,1-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.34 | 251.45 ug/L | 16652900 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1,1-dimethyl- | 144 | C11H12 | 018636-55-0 | 93 |
| 2 | 1H-Indene, 4,7-dimethyl- | 144 | C11H12 | 006974-97-6 | 70 |
| 3 | 1H-Indene, 1,3-dimethyl- | 144 | C11H12 | 002177-48-2 | 70 |
| 4 | 1H-Cyclopropa[b]naphthalene, 1a,... | 144 | C11H12 | 006571-72-8 | 70 |
| 5 | 1H-Indene, 2,3-dimethyl- | 144 | C11H12 | 004773-82-4 | 70 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

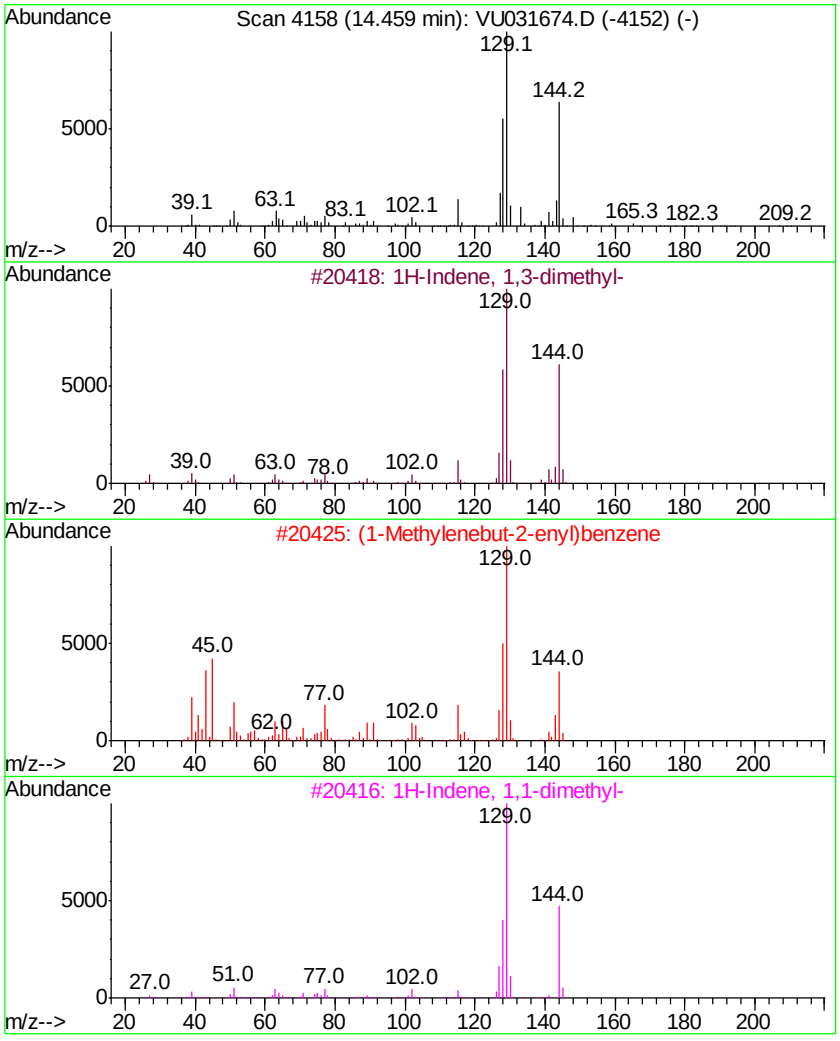
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

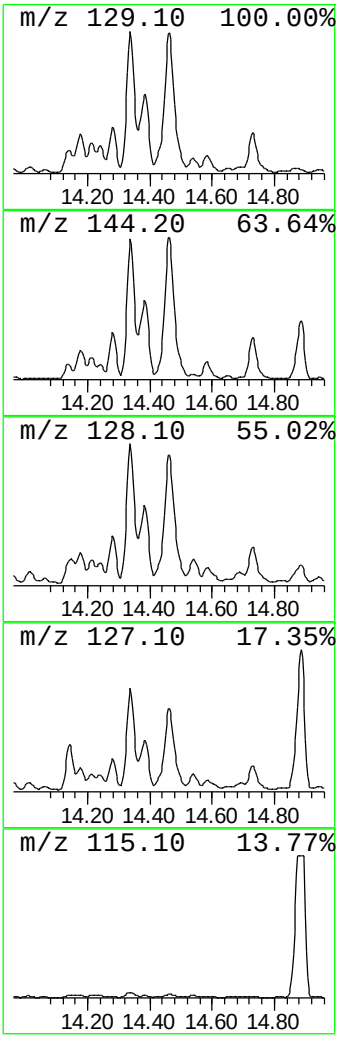
**********

Peak Number 48 1H-Indene, 1,3-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.46 | 123.18 ug/L | 8157920 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1,3-dimethyl- | 144 | C11H12 | 002177-48-2 | 96 |
| 2 | (1-Methylenebut-2-enyl)benzene | 144 | C11H12 | 070588-46-4 | 87 |
| 3 | 1H-Indene, 1,1-dimethyl- | 144 | C11H12 | 018636-55-0 | 87 |
| 4 | 1H-Cyclopropa[b]naphthalene, 1a,... | 144 | C11H12 | 006571-72-8 | 87 |
| 5 | (1-Methylbuta-1,3-dienyl)benzene | 144 | C11H12 | 054758-36-0 | 83 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

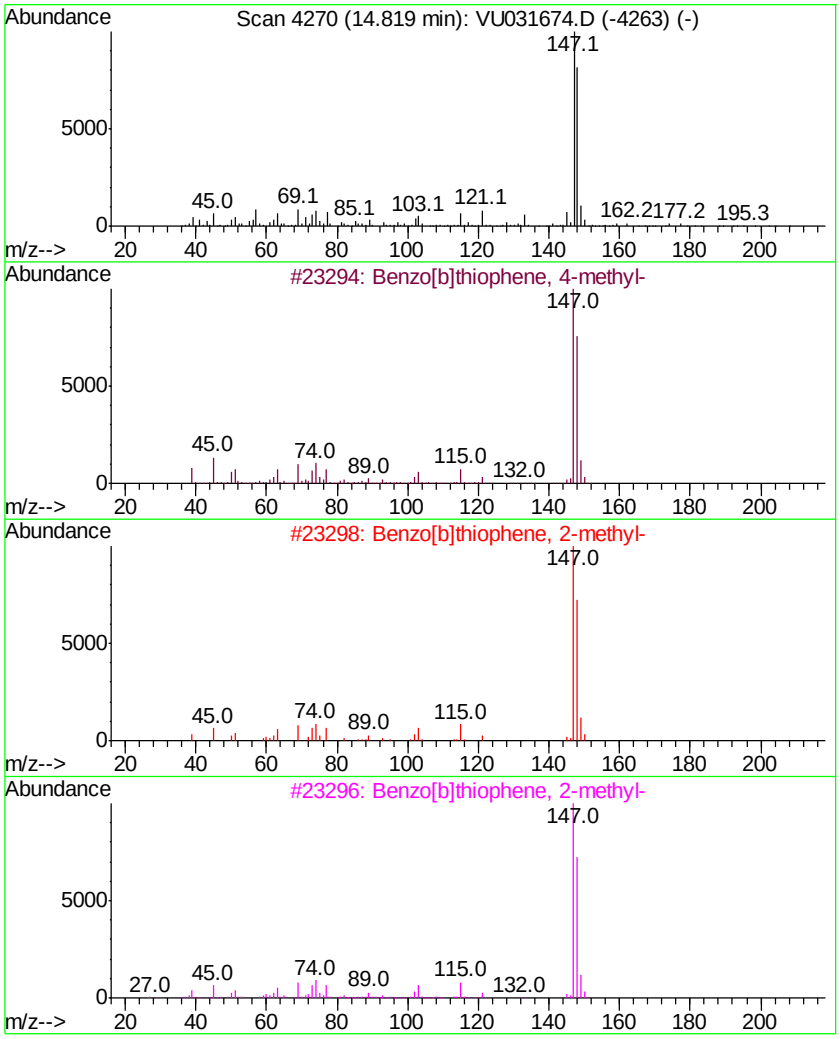
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

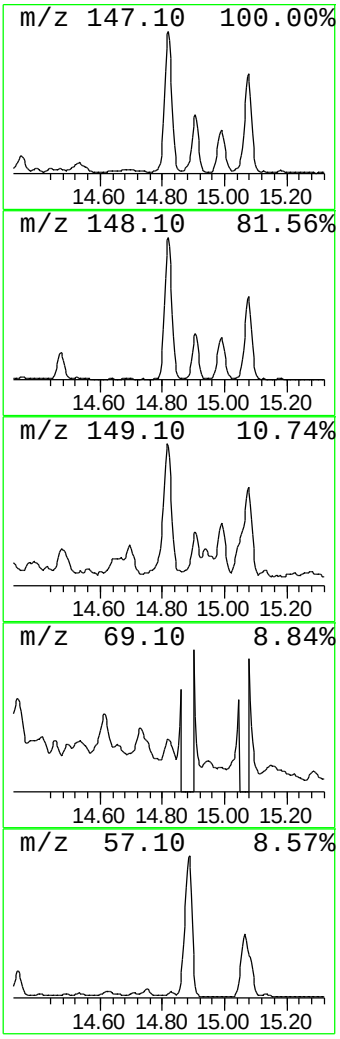
**********

Peak Number 49 Benzo[b]thiophene, 4-methyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.82 | 46.81 ug/L | 3099880 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene, 4-methyl- | 148 | C9H8S | 014315-11-8 | 93 |
| 2 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 91 |
| 3 | Benzo[b]thiophene, 2-methyl- | 148 | C9H8S | 001195-14-8 | 91 |
| 4 | 3-Methylbenzothiophene | 148 | C9H8S | 001455-18-1 | 90 |
| 5 | Benzo[b]thiophene, 5-methyl- | 148 | C9H8S | 014315-14-1 | 90 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

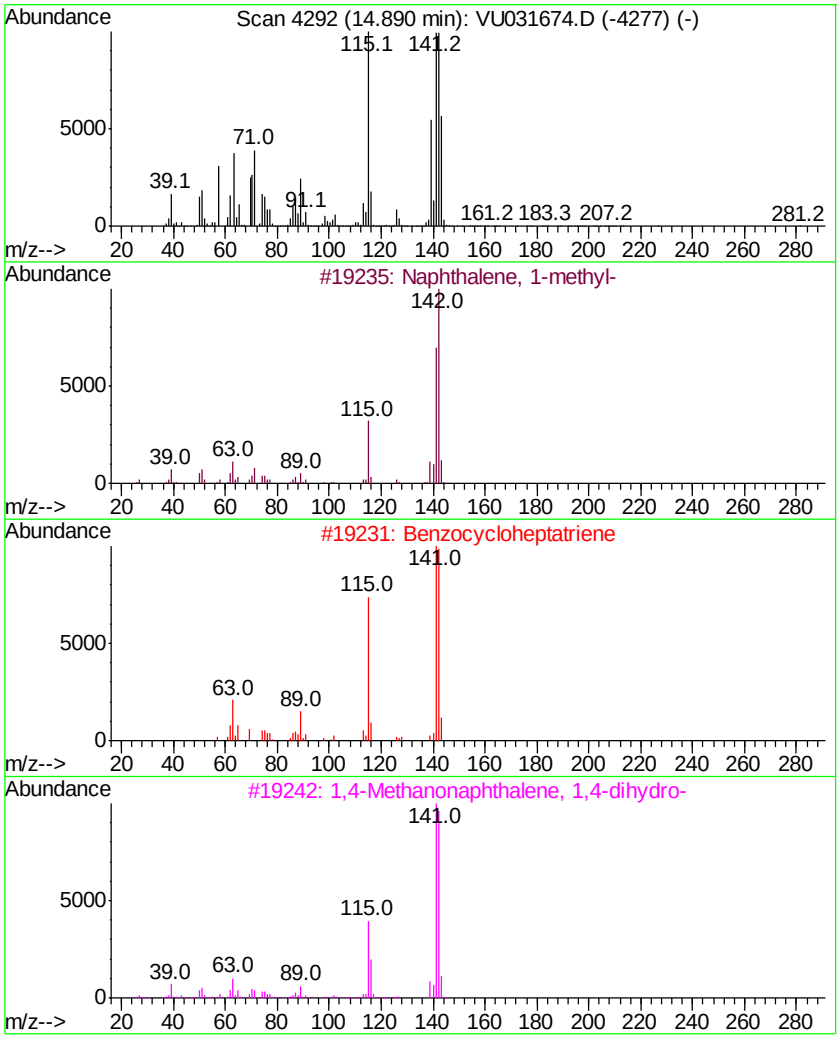
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

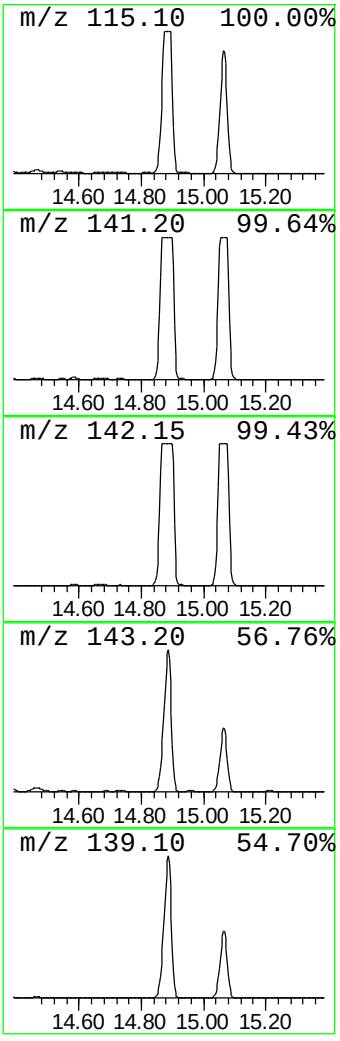
**********

Peak Number 50 Naphthalene, 1-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.89 | 2960.53 ug/L | 196066000 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 93 |
| 2 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 93 |
| 3 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 89 |
| 4 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 87 |
| 5 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 76 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

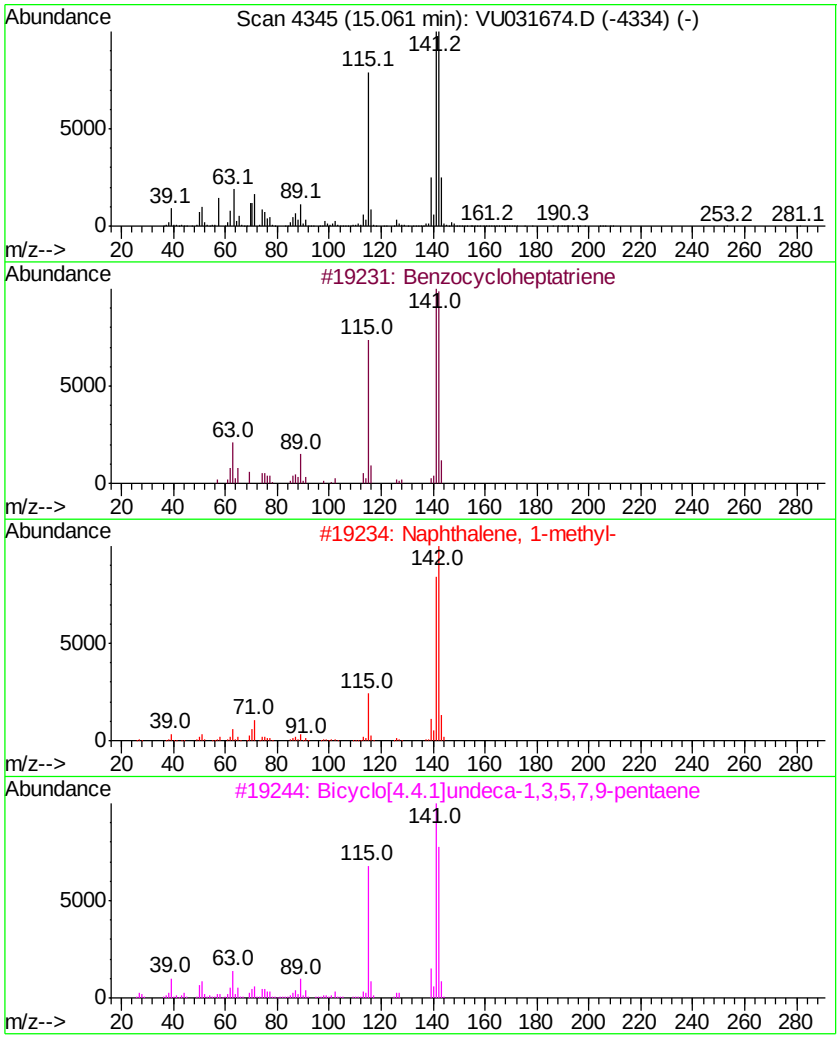
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

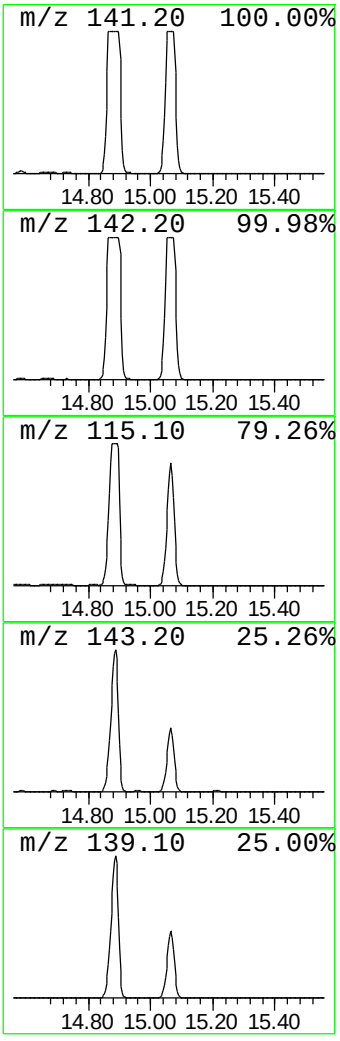
**********

Peak Number 51 Benzocycloheptatriene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.06 | 1710.55 ug/L | 113284000 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 95 |
| 3 | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10 | 002443-46-1 | 94 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

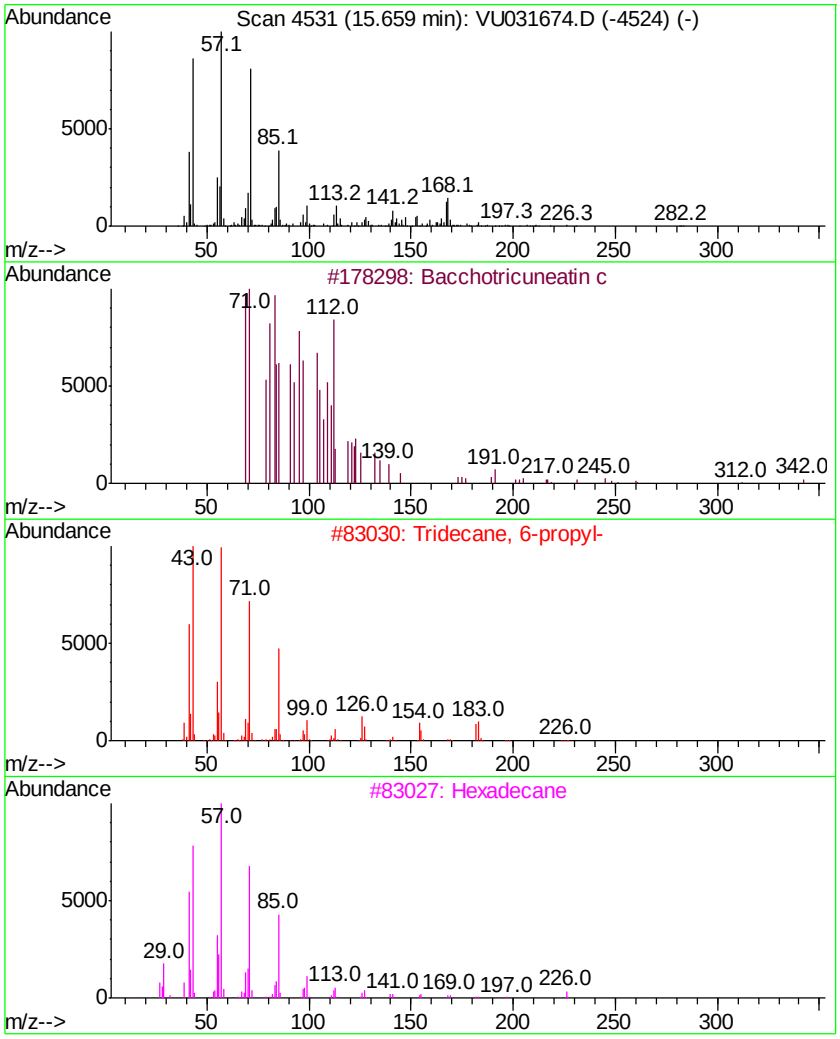
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

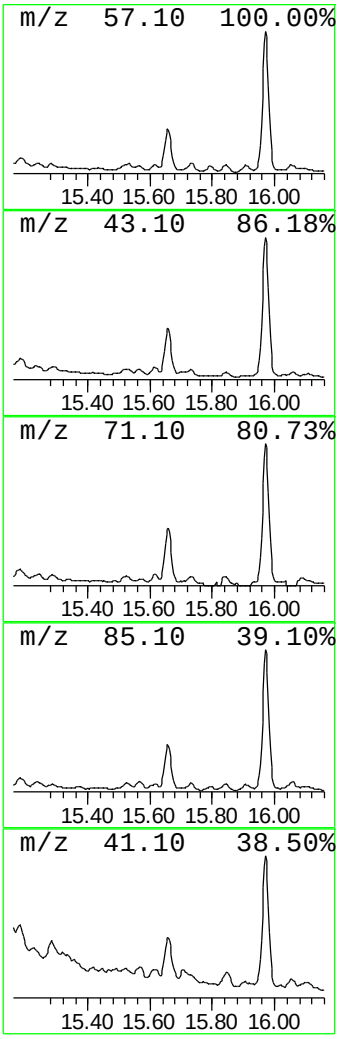
**********

Peak Number 52 Bacchotricuneatin c Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.66 | 15.20 ug/L | 1006500 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 96 |
| 2 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 81 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 74 |
| 5 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

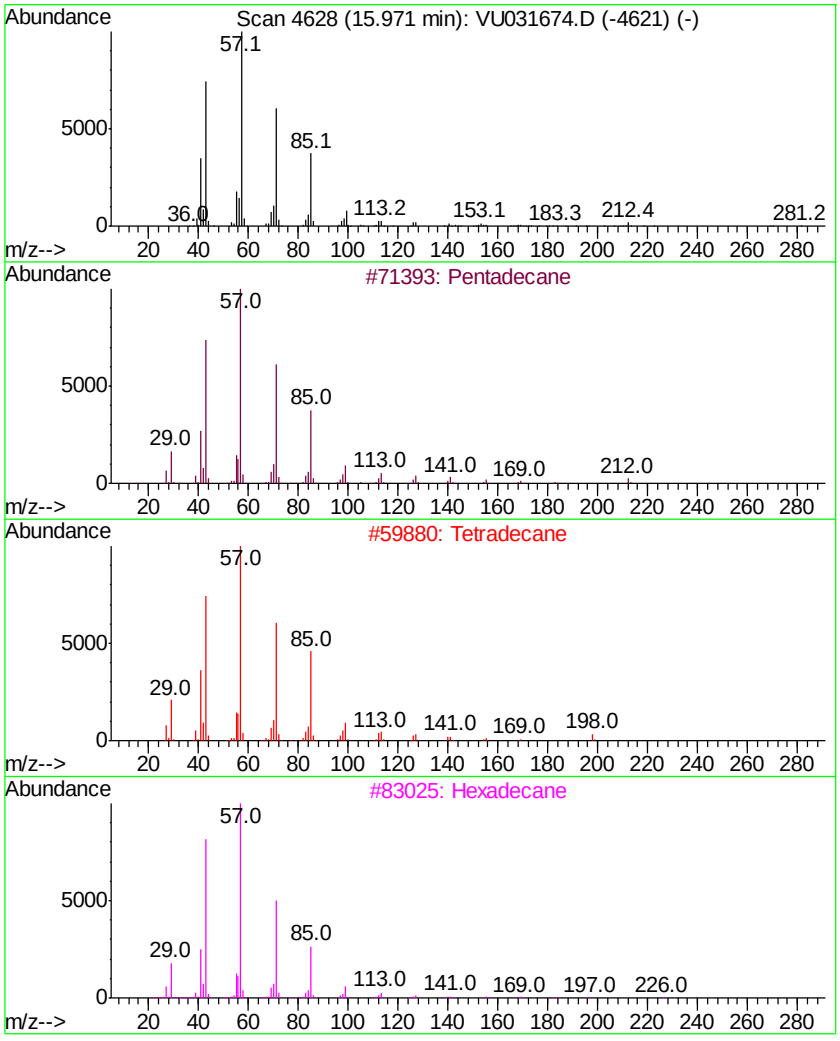
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

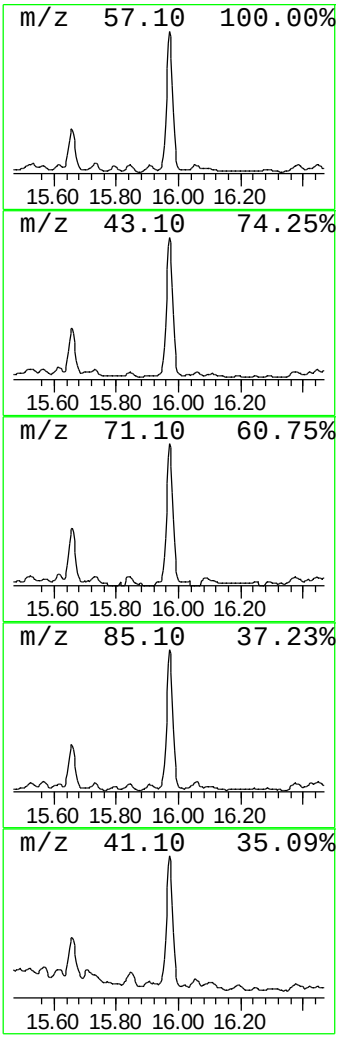
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.97 | 32.24 ug/L | 2135260 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 94 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |
| 5 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 68 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

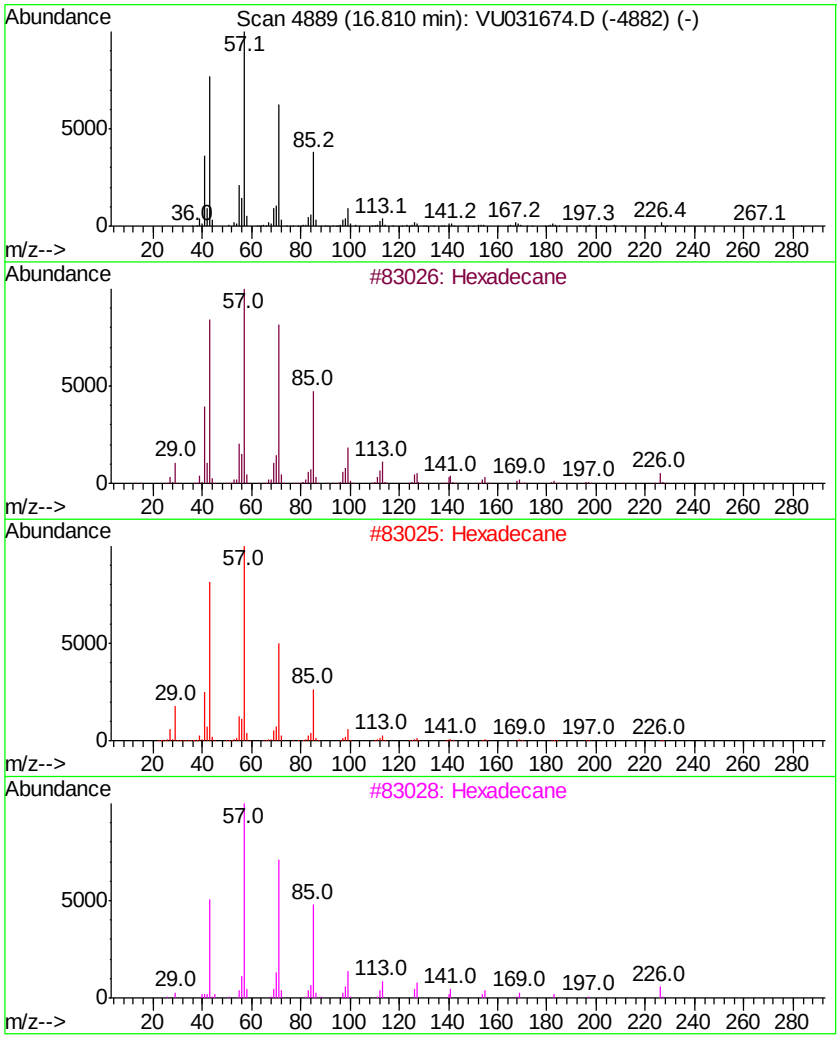
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

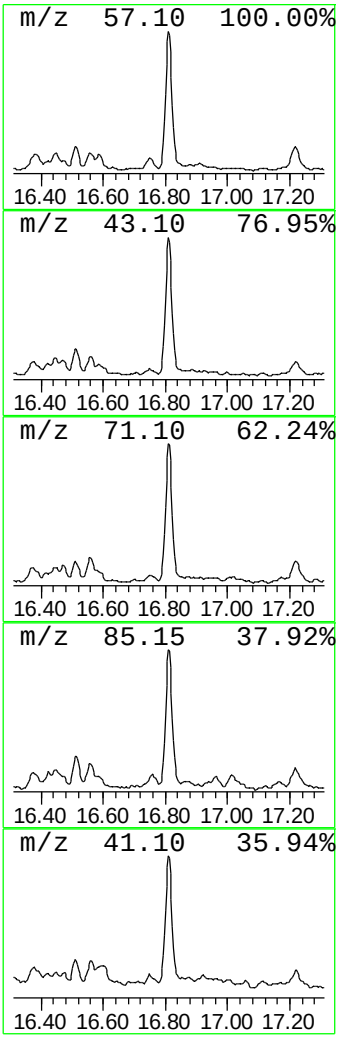
**********

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.81 | 15.67 ug/L | 1037630 | 1,4-Dichlorobenzene-d4 | 11.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031674.D
Acq On : 01 May 2019 11:14
Operator : JC/SP
Sample : K2604-04
Misc : 5.04g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ78

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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... | 9.95 | 5.2 | ug/L | 352495 | 2 | 9.09 | 3396430 | 50.0 |
| (DEL) Alkane: Str... | 10.09 | 3.3 | ug/L | 222893 | 2 | 9.09 | 3396430 | 50.0 |
| Benzene, 1-ethyl-... | 10.68 | 59.5 | ug/L | 3939380 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1,2,3-tr... | 10.77 | 109.5 | ug/L | 7252230 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 11.07 | 3.7 | ug/L | 244998 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 11.11 | 13.6 | ug/L | 899695 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1-etheny... | 11.22 | 114.0 | ug/L | 7546430 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 11.33 | 14.1 | ug/L | 931123 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Cyc... | 11.40 | 15.0 | ug/L | 995634 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1-methyl... | 11.43 | 12.0 | ug/L | 793210 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 11.70 | 10.1 | ug/L | 670335 | 3 | 11.49 | 3311330 | 50.0 |
| Indane | 11.77 | 64.4 | ug/L | 4262130 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1-methyl... | 11.81 | 29.6 | ug/L | 1956860 | 3 | 11.49 | 3311330 | 50.0 |
| Indene | 11.98 | 188.5 | ug/L | 12486400 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 12.02 | 86.1 | ug/L | 5701640 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 2-ethyl-... | 12.15 | 39.2 | ug/L | 2597390 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1-methyl... | 12.22 | 45.3 | ug/L | 2999790 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 2-ethyl-... | 12.25 | 66.9 | ug/L | 4433300 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1-etheny... | 12.30 | 38.0 | ug/L | 2515230 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 12.36 | 53.2 | ug/L | 3520290 | 3 | 11.49 | 3311330 | 50.0 |
| 2,4-Dimethylstyrene | 12.42 | 160.2 | ug/L | 10608000 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Cyc... | 12.61 | 63.6 | ug/L | 4212320 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1,2,4,5-... | 12.65 | 116.2 | ug/L | 7696490 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1-etheny... | 12.82 | 119.9 | ug/L | 7939770 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, 1-methyl... | 12.96 | 75.1 | ug/L | 4973940 | 3 | 11.49 | 3311330 | 50.0 |
| unknown-01 | 13.03 | 22.2 | ug/L | 1467380 | 3 | 11.49 | 3311330 | 50.0 |
| unknown-02 | 13.08 | 26.5 | ug/L | 1754540 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 13.12 | 658.5 | ug/L | 43609800 | 3 | 11.49 | 3311330 | 50.0 |
| 1H-Indene, 1-methyl- | 13.18 | 289.4 | ug/L | 19166700 | 3 | 11.49 | 3311330 | 50.0 |
| 2-Methylindene | 13.29 | 835.1 | ug/L | 55306500 | 3 | 11.49 | 3311330 | 50.0 |
| unknown-03 | 13.37 | 33.5 | ug/L | 2215890 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, (3-methy... | 13.46 | 37.7 | ug/L | 2495920 | 3 | 11.49 | 3311330 | 50.0 |
| 1H-Indene, 2,3-di... | 13.51 | 74.7 | ug/L | 4949730 | 3 | 11.49 | 3311330 | 50.0 |
| Azulene | 13.75 | 1520.7 | ug/L | 100707000 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 13.88 | 219.8 | ug/L | 14556300 | 3 | 11.49 | 3311330 | 50.0 |
| Benzene, (1-ethyl... | 13.95 | 54.7 | ug/L | 3623420 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 14.14 | 412.3 | ug/L | 27307500 | 3 | 11.49 | 3311330 | 50.0 |
| 1H-Indene, 1,1-di... | 14.34 | 251.4 | ug/L | 16652900 | 3 | 11.49 | 3311330 | 50.0 |
| 1H-Indene, 1,3-di... | 14.46 | 123.2 | ug/L | 8157920 | 3 | 11.49 | 3311330 | 50.0 |
| Benzo[b]thiophene... | 14.82 | 46.8 | ug/L | 3099880 | 3 | 11.49 | 3311330 | 50.0 |
| Naphthalene, 1-me... | 14.89 | 2960.5 | ug/L | 196066000 | 3 | 11.49 | 3311330 | 50.0 |
| Benzocycloheptatr... | 15.06 | 1710.6 | ug/L | 113284000 | 3 | 11.49 | 3311330 | 50.0 |
| Bacchotricuneatin c | 15.66 | 15.2 | ug/L | 1006500 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 15.97 | 32.2 | ug/L | 2135260 | 3 | 11.49 | 3311330 | 50.0 |
| (DEL) Alkane: Str... | 16.81 | 15.7 | ug/L | 1037630 | 3 | 11.49 | 3311330 | 50.0 |