LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

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\SOMULM041719WMA.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 | 1.180 | 23 | 28 | 38 | rVB | 19444 | 20203 | 0.03% | 0.013% |
| 2 | 1.392 | 88 | 94 | 106 | rVB | 241903 | 270233 | 0.46% | 0.168% |
| 3 | 1.678 | 176 | 183 | 194 | rBV | 216297 | 274077 | 0.47% | 0.171% |
| 4 | 2.264 | 355 | 365 | 378 | rVB | 455342 | 699542 | 1.19% | 0.435% |
| 5 | 2.527 | 443 | 447 | 451 | rBV6 | 1320 | 1170 | 0.00% | 0.001% |
| 6 | 2.617 | 469 | 475 | 478 | rBV3 | 994 | 1151 | 0.00% | 0.001% |
| 7 | 2.694 | 491 | 499 | 507 | rBV7 | 4476 | 8088 | 0.01% | 0.005% |
| 8 | 3.299 | 684 | 687 | 695 | rVV4 | 2058 | 1929 | 0.00% | 0.001% |
| 9 | 3.408 | 717 | 721 | 725 | rBV3 | 1101 | 1037 | 0.00% | 0.001% |
| 10 | 3.981 | 894 | 899 | 901 | rBV4 | 2193 | 1920 | 0.00% | 0.001% |
| 11 | 4.045 | 915 | 919 | 921 | rBV | 1456 | 1176 | 0.00% | 0.001% |
| 12 | 4.080 | 924 | 930 | 935 | rVV4 | 2540 | 4016 | 0.01% | 0.002% |
| 13 | 4.196 | 951 | 966 | 1002 | rBV | 156582 | 550736 | 0.94% | 0.343% |
| 14 | 4.640 | 1089 | 1104 | 1132 | rVV | 321414 | 769881 | 1.31% | 0.479% |
| 15 | 4.977 | 1201 | 1209 | 1210 | rBV5 | 6365 | 6578 | 0.01% | 0.004% |
| 16 | 5.077 | 1227 | 1240 | 1254 | rVB4 | 10984 | 25856 | 0.04% | 0.016% |
| 17 | 5.212 | 1272 | 1282 | 1293 | rBV6 | 5962 | 12832 | 0.02% | 0.008% |
| 18 | 5.334 | 1297 | 1320 | 1349 | rBV2 | 627075 | 1869890 | 3.19% | 1.163% |
| 19 | 5.688 | 1427 | 1430 | 1435 | rVB5 | 1576 | 1140 | 0.00% | 0.001% |
| 20 | 5.752 | 1446 | 1450 | 1451 | rBV3 | 1901 | 1590 | 0.00% | 0.001% |
| 21 | 5.781 | 1451 | 1459 | 1470 | rVB7 | 7572 | 13745 | 0.02% | 0.009% |
| 22 | 5.881 | 1476 | 1490 | 1518 | rBV | 811520 | 1667325 | 2.84% | 1.037% |
| 23 | 6.093 | 1552 | 1556 | 1559 | rBV2 | 1824 | 1542 | 0.00% | 0.001% |
| 24 | 6.180 | 1573 | 1583 | 1586 | rBV6 | 5872 | 9101 | 0.02% | 0.006% |
| 25 | 6.328 | 1614 | 1629 | 1648 | rBV | 466538 | 978412 | 1.67% | 0.609% |
| 26 | 6.530 | 1685 | 1692 | 1704 | rVB10 | 6891 | 12123 | 0.02% | 0.008% |
| 27 | 6.633 | 1718 | 1724 | 1735 | rVB8 | 4468 | 8373 | 0.01% | 0.005% |
| 28 | 6.730 | 1746 | 1754 | 1762 | rBV8 | 3278 | 5477 | 0.01% | 0.003% |
| 29 | 6.919 | 1799 | 1813 | 1829 | rBV5 | 18313 | 42051 | 0.07% | 0.026% |
| 30 | 7.048 | 1836 | 1853 | 1861 | rBV9 | 11543 | 27501 | 0.05% | 0.017% |
| 31 | 7.180 | 1886 | 1894 | 1898 | rBV5 | 5678 | 8293 | 0.01% | 0.005% |
| 32 | 7.225 | 1898 | 1908 | 1927 | rVV | 260029 | 480422 | 0.82% | 0.299% |
| 33 | 7.562 | 1990 | 2013 | 2030 | rBV | 937814 | 1720346 | 2.93% | 1.070% |
| 34 | 7.849 | 2086 | 2102 | 2119 | rBV2 | 160297 | 297496 | 0.51% | 0.185% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

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\SOMULM041719WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.038 | 2152 | 2161 | 2164 | rBV7 | 4045 | 4619 | 0.01% | 0.003% |
| 36 | 8.228 | 2214 | 2220 | 2228 | rVB7 | 2126 | 2989 | 0.01% | 0.002% |
| 37 | 8.318 | 2236 | 2248 | 2281 | rBV | 600739 | 1160318 | 1.98% | 0.722% |
| 38 | 8.543 | 2312 | 2318 | 2326 | rVB7 | 5158 | 7838 | 0.01% | 0.005% |
| 39 | 8.595 | 2330 | 2334 | 2336 | rBV4 | 2143 | 1992 | 0.00% | 0.001% |
| 40 | 8.807 | 2396 | 2400 | 2402 | rBV4 | 1434 | 1036 | 0.00% | 0.001% |
| 41 | 8.906 | 2425 | 2431 | 2440 | rVB7 | 5645 | 7379 | 0.01% | 0.005% |
| 42 | 9.009 | 2458 | 2463 | 2464 | rBV3 | 2579 | 1986 | 0.00% | 0.001% |
| 43 | 9.025 | 2464 | 2468 | 2469 | rBV2 | 3237 | 2070 | 0.00% | 0.001% |
| 44 | 9.086 | 2475 | 2487 | 2516 | rBV | 957538 | 1660611 | 2.83% | 1.033% |
| 45 | 9.250 | 2528 | 2538 | 2554 | rBV | 49844 | 87117 | 0.15% | 0.054% |
| 46 | 9.369 | 2562 | 2575 | 2595 | rBV | 1586593 | 2737107 | 4.66% | 1.703% |
| 47 | 9.778 | 2689 | 2702 | 2738 | rVB4 | 950321 | 1893740 | 3.23% | 1.178% |
| 48 | 9.903 | 2738 | 2741 | 2743 | rBV4 | 1541 | 1223 | 0.00% | 0.001% |
| 49 | 10.164 | 2813 | 2822 | 2832 | rBV6 | 7690 | 15146 | 0.03% | 0.009% |
| 50 | 10.254 | 2846 | 2850 | 2852 | rBV5 | 2066 | 1707 | 0.00% | 0.001% |
| 51 | 10.292 | 2858 | 2862 | 2864 | rBV4 | 2570 | 1957 | 0.00% | 0.001% |
| 52 | 10.431 | 2893 | 2905 | 2918 | rBV | 610923 | 979321 | 1.67% | 0.609% |
| 53 | 10.588 | 2945 | 2954 | 2965 | rBV2 | 22289 | 36621 | 0.06% | 0.023% |
| 54 | 10.678 | 2972 | 2982 | 2999 | rBV | 255448 | 553158 | 0.94% | 0.344% |
| 55 | 10.768 | 2999 | 3010 | 3020 | rBV | 349041 | 552819 | 0.94% | 0.344% |
| 56 | 10.971 | 3064 | 3073 | 3076 | rBV | 89725 | 129582 | 0.22% | 0.081% |
| 57 | 11.144 | 3111 | 3127 | 3138 | rBV | 1145464 | 1776523 | 3.03% | 1.105% |
| 58 | 11.212 | 3138 | 3148 | 3157 | rVV | 1355873 | 2049908 | 3.49% | 1.275% |
| 59 | 11.263 | 3157 | 3164 | 3178 | rVB | 493462 | 769640 | 1.31% | 0.479% |
| 60 | 11.479 | 3221 | 3231 | 3246 | rBV | 1069713 | 1708375 | 2.91% | 1.063% |
| 61 | 11.569 | 3250 | 3259 | 3268 | rVV | 356813 | 559989 | 0.95% | 0.348% |
| 62 | 11.627 | 3269 | 3277 | 3294 | rVB | 153866 | 246971 | 0.42% | 0.154% |
| 63 | 11.765 | 3309 | 3320 | 3328 | rBV | 237965 | 403196 | 0.69% | 0.251% |
| 64 | 11.858 | 3339 | 3349 | 3366 | rVB2 | 938843 | 1569208 | 2.67% | 0.976% |
| 65 | 11.977 | 3374 | 3386 | 3408 | rBV | 5755692 | 9060020 | 15.44% | 5.636% |
| 66 | 12.147 | 3431 | 3439 | 3441 | rBV2 | 45834 | 59262 | 0.10% | 0.037% |
| 67 | 12.221 | 3454 | 3462 | 3466 | rBV3 | 88257 | 134757 | 0.23% | 0.084% |
| 68 | 12.424 | 3516 | 3525 | 3535 | rVB | 372430 | 563042 | 0.96% | 0.350% |
| 69 | 12.482 | 3536 | 3543 | 3556 | rVB2 | 98146 | 154868 | 0.26% | 0.096% |
| 70 | 12.646 | 3587 | 3594 | 3602 | rVB2 | 88408 | 125679 | 0.21% | 0.078% |
| 71 | 12.704 | 3602 | 3612 | 3624 | rBV4 | 260389 | 524400 | 0.89% | 0.326% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
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Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

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\SOMULM041719WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.823 | 3640 | 3649 | 3659 | rBV | 260745 | 444248 | 0.76% | 0.276% |
| 73 | 12.961 | 3685 | 3692 | 3704 | rVB2 | 80078 | 114883 | 0.20% | 0.071% |
| 74 | 13.118 | 3733 | 3741 | 3750 | rVB3 | 331281 | 490355 | 0.84% | 0.305% |
| 75 | 13.180 | 3750 | 3760 | 3773 | rVB | 1345759 | 2040141 | 3.48% | 1.269% |
| 76 | 13.289 | 3782 | 3794 | 3810 | rVB | 1511602 | 2472985 | 4.21% | 1.538% |
| 77 | 13.385 | 3813 | 3824 | 3839 | rVB2 | 207836 | 391912 | 0.67% | 0.244% |
| 78 | 13.742 | 3920 | 3935 | 3961 | rBV2 | 36093830 | 58678642 | 100.00% | 36.505% |
| 79 | 13.858 | 3964 | 3971 | 3993 | rVB | 341396 | 579195 | 0.99% | 0.360% |
| 80 | 14.141 | 4052 | 4059 | 4065 | rBV5 | 69965 | 107181 | 0.18% | 0.067% |
| 81 | 14.337 | 4111 | 4120 | 4128 | rBV | 177576 | 308251 | 0.53% | 0.192% |
| 82 | 14.581 | 4190 | 4196 | 4209 | rVB | 74917 | 115366 | 0.20% | 0.072% |
| 83 | 14.726 | 4236 | 4241 | 4258 | rVB3 | 130628 | 230502 | 0.39% | 0.143% |
| 84 | 14.816 | 4262 | 4269 | 4275 | rBV | 103968 | 157882 | 0.27% | 0.098% |
| 85 | 14.874 | 4275 | 4287 | 4309 | rVB | 12924560 | 19854892 | 33.84% | 12.352% |
| 86 | 15.057 | 4332 | 4344 | 4365 | rBV | 7722289 | 12098080 | 20.62% | 7.526% |
| 87 | 15.604 | 4504 | 4514 | 4525 | rBV | 1169090 | 1786989 | 3.05% | 1.112% |
| 88 | 15.794 | 4567 | 4573 | 4580 | rBV | 281192 | 374918 | 0.64% | 0.233% |
| 89 | 15.909 | 4597 | 4609 | 4625 | rBV | 2325423 | 3995498 | 6.81% | 2.486% |
| 90 | 16.054 | 4644 | 4654 | 4661 | rBV | 2644945 | 4221081 | 7.19% | 2.626% |
| 91 | 16.093 | 4662 | 4666 | 4680 | rVB | 1391750 | 1883395 | 3.21% | 1.172% |
| 92 | 16.186 | 4686 | 4695 | 4707 | rVV | 904227 | 1382014 | 2.36% | 0.860% |
| 93 | 16.279 | 4708 | 4724 | 4749 | rVB2 | 740204 | 1975379 | 3.37% | 1.229% |
| 94 | 16.427 | 4761 | 4770 | 4785 | rBV2 | 436518 | 718877 | 1.23% | 0.447% |
| 95 | 16.520 | 4788 | 4799 | 4817 | rVB2 | 1919822 | 3483974 | 5.94% | 2.167% |
| 96 | 16.733 | 4858 | 4865 | 4870 | rBV2 | 270084 | 413464 | 0.70% | 0.257% |
| 97 | 16.967 | 4932 | 4938 | 4945 | rBV2 | 357390 | 500599 | 0.85% | 0.311% |
| 98 | 17.163 | 4990 | 4999 | 5009 | rBV | 707140 | 1101498 | 1.88% | 0.685% |
| 99 | 17.224 | 5010 | 5018 | 5028 | rVB2 | 427844 | 667140 | 1.14% | 0.415% |
| 100 | 17.523 | 5103 | 5111 | 5126 | rVB3 | 441412 | 812243 | 1.38% | 0.505% |

Sum of corrected areas: 160743010

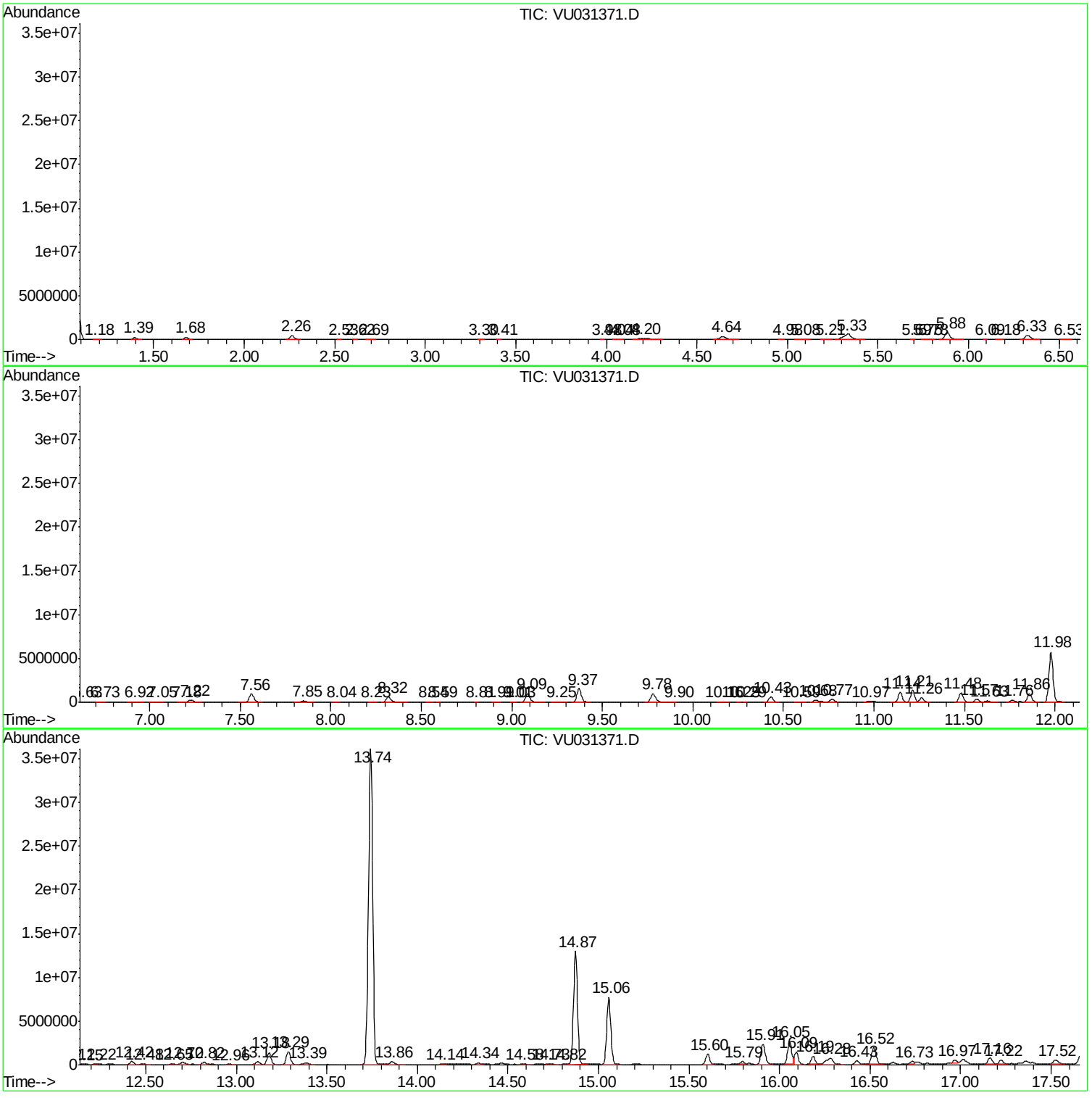
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

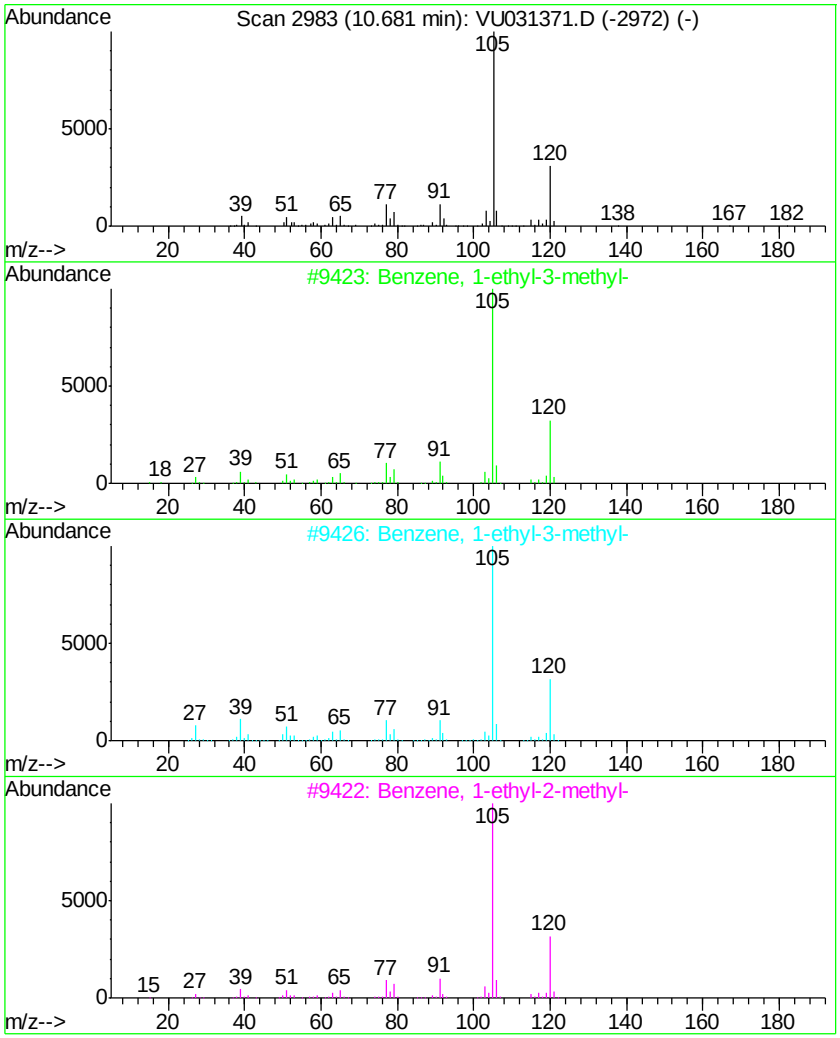
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

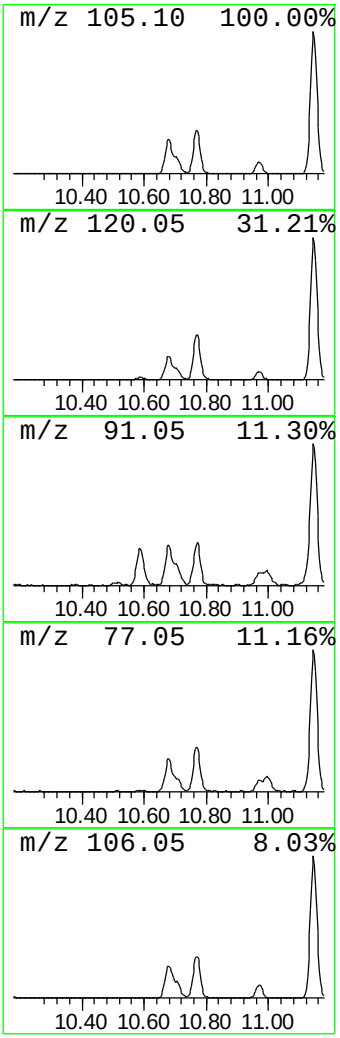
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.68 | 16.19 ug/L | 553158 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 97 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

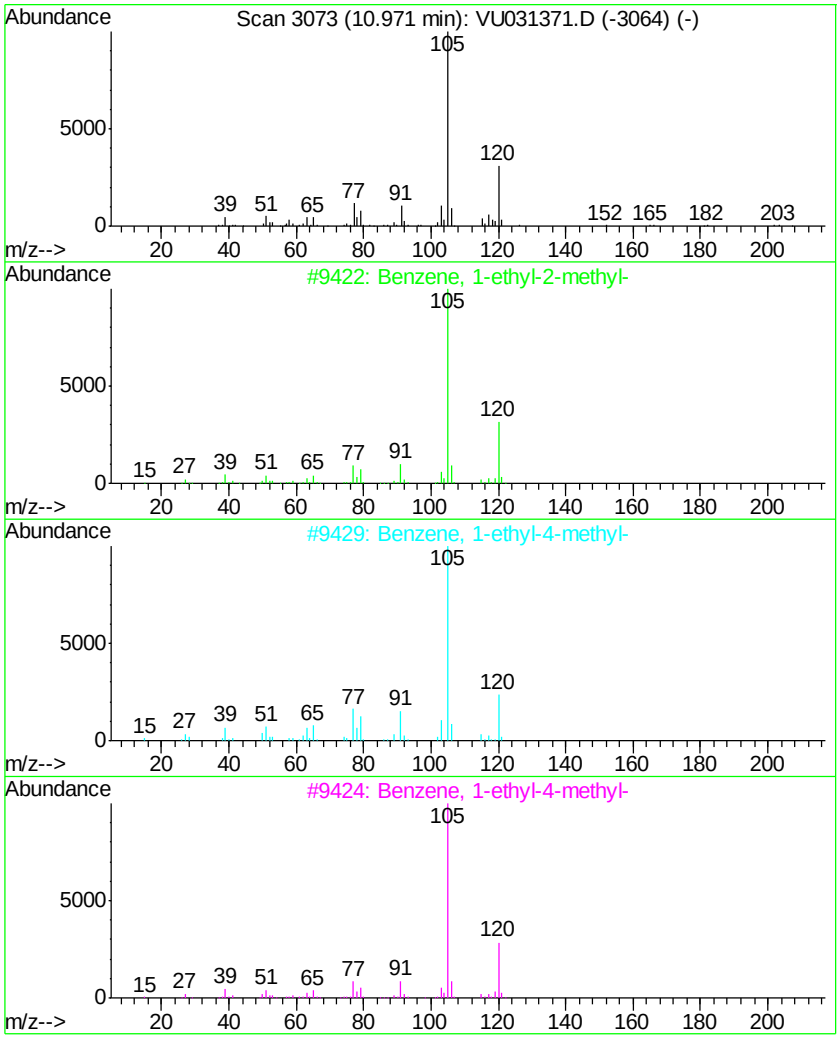
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

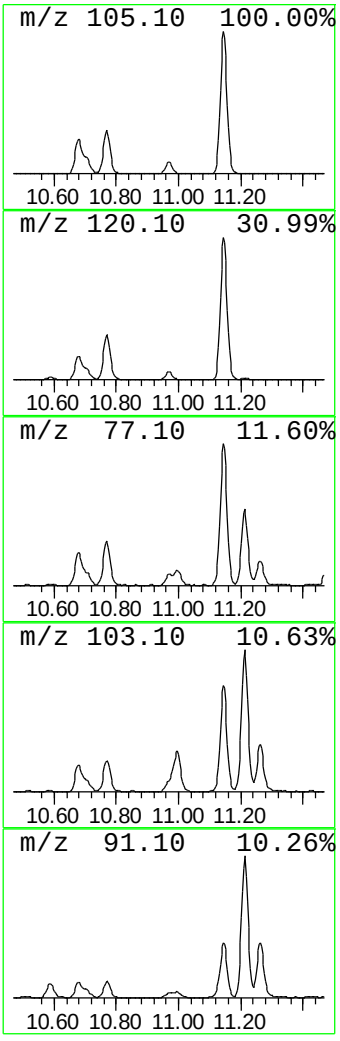
**********

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.97 | 3.79 ug/L | 129582 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 90 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

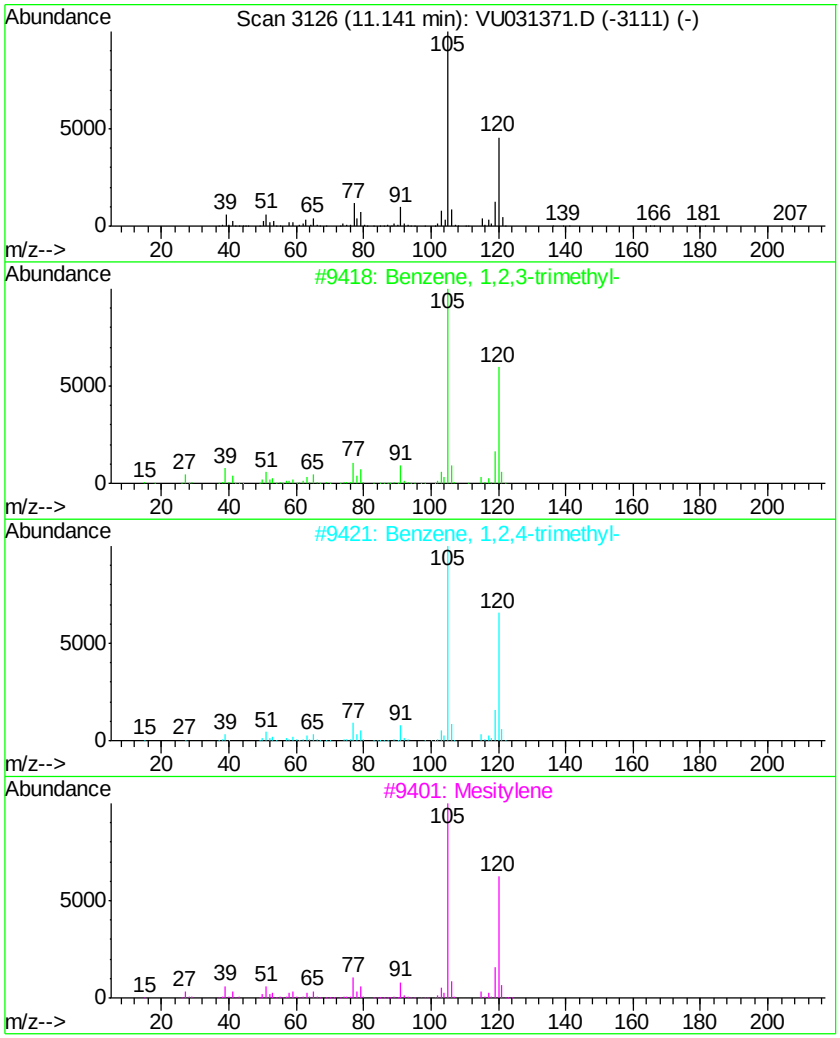
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

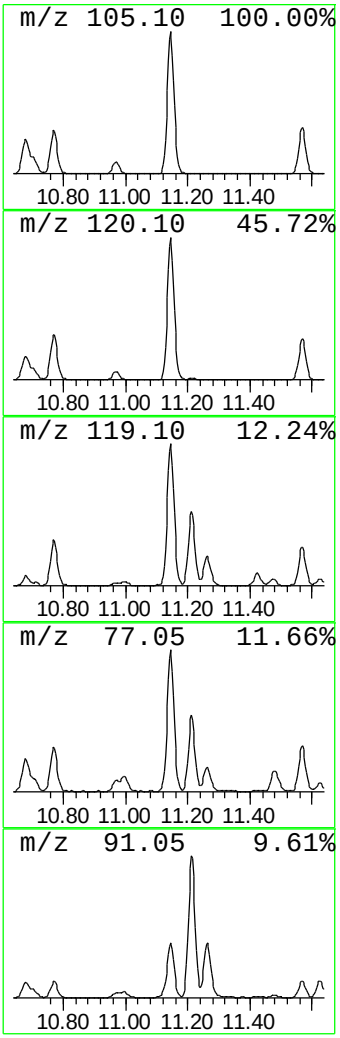
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.14 | 51.99 ug/L | 1776520 | 1,4-Dichlorobenzene-d4 | 11.48 |

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

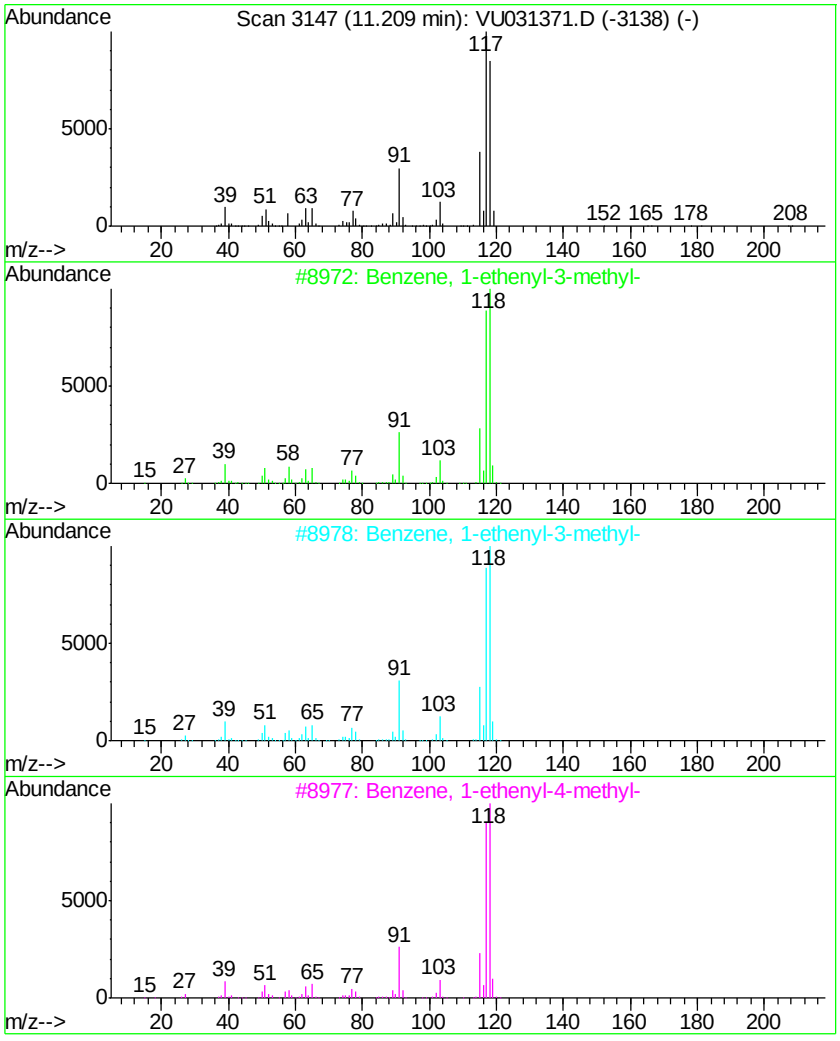
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

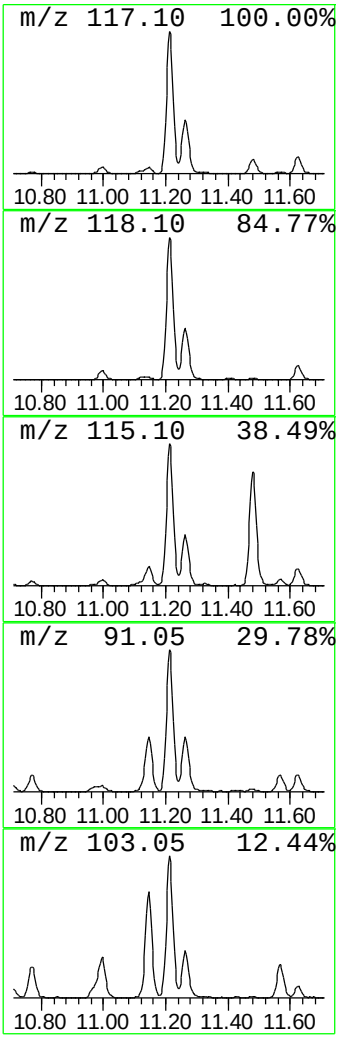
**********

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.21 | 60.00 ug/L | 2049910 | 1,4-Dichlorobenzene-d4 | 11.48 |

| 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-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 95 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 94 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 94 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

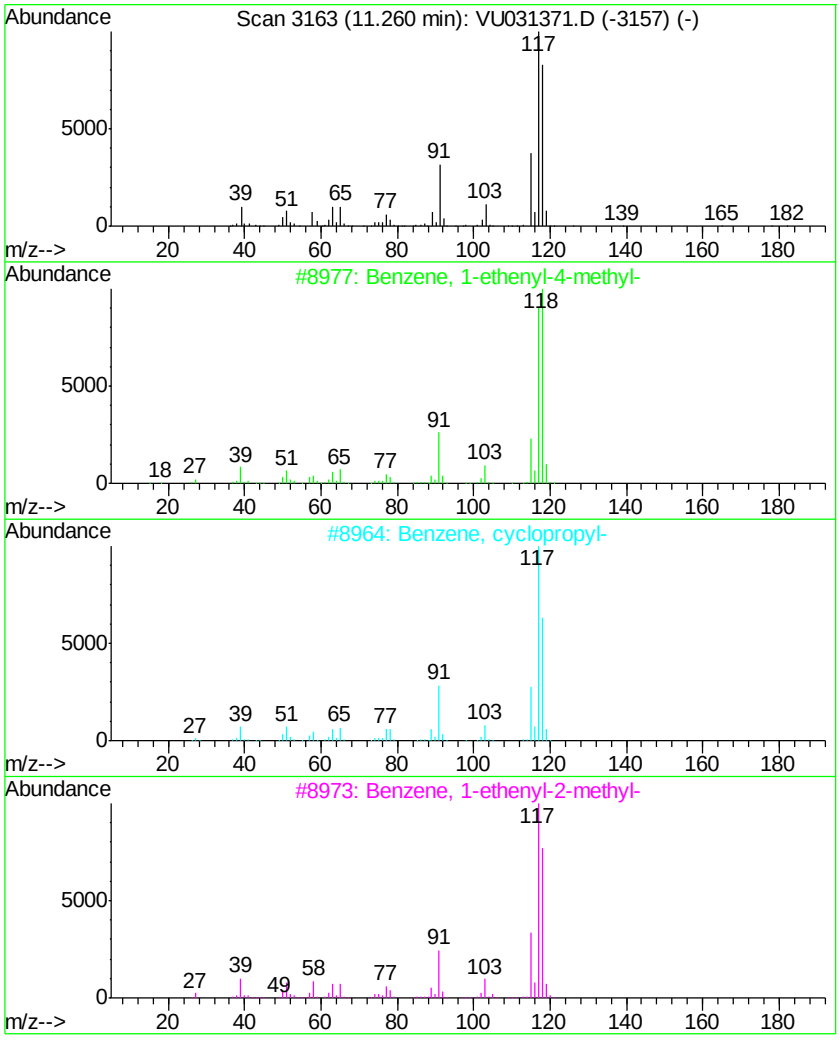
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

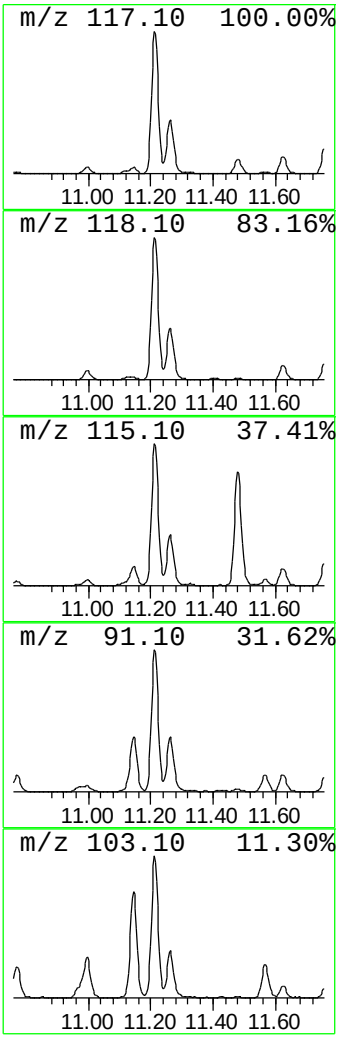
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethenyl-4-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.26 | 22.53 ug/L | 769640 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 95 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 94 |
| 3 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 94 |
| 4 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 93 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 93 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

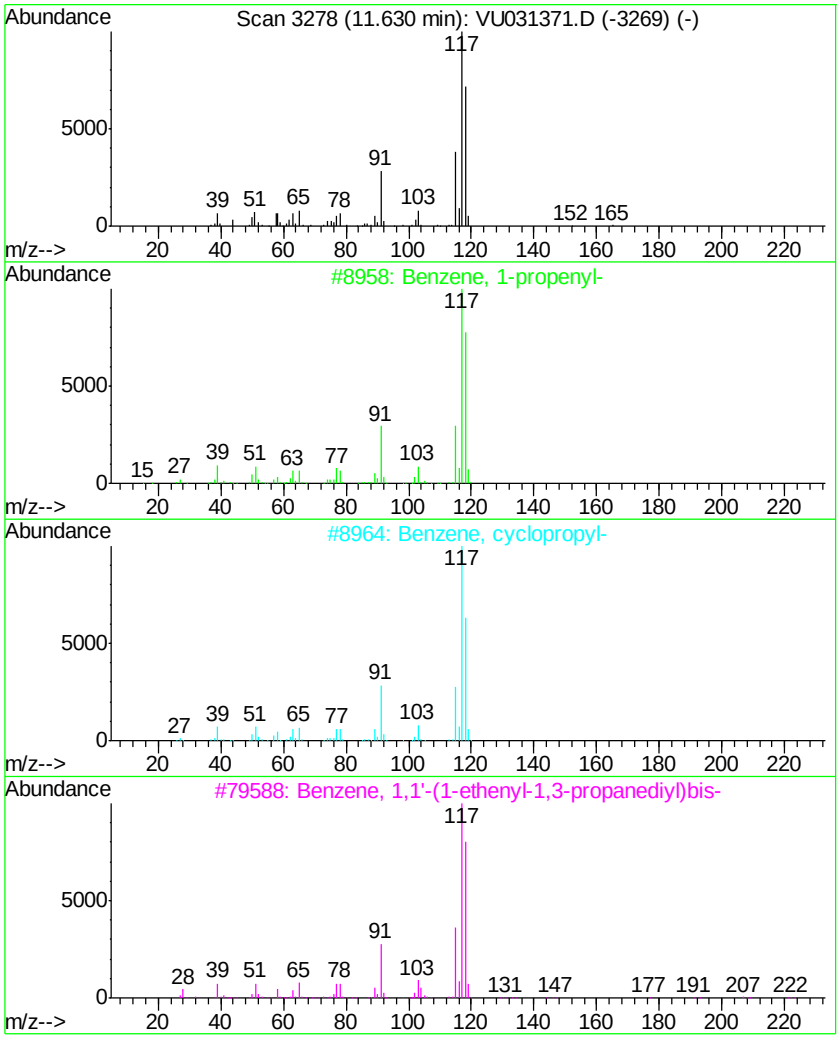
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

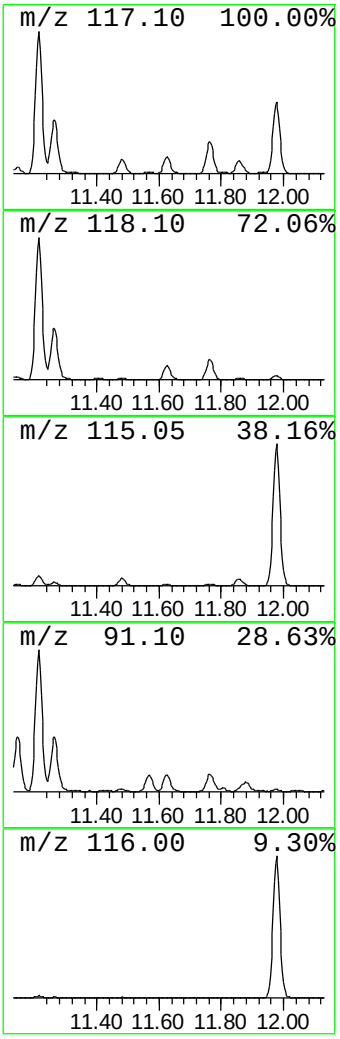
**********

Peak Number 9 Benzene, 1-propenyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.63 | 7.23 ug/L | 246971 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 95 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 93 |
| 3 | Benzene, 1,1'-(1-ethenyl-1,3-pro... | 222 | C17H18 | 061141-97-7 | 91 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 89 |
| 5 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 89 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

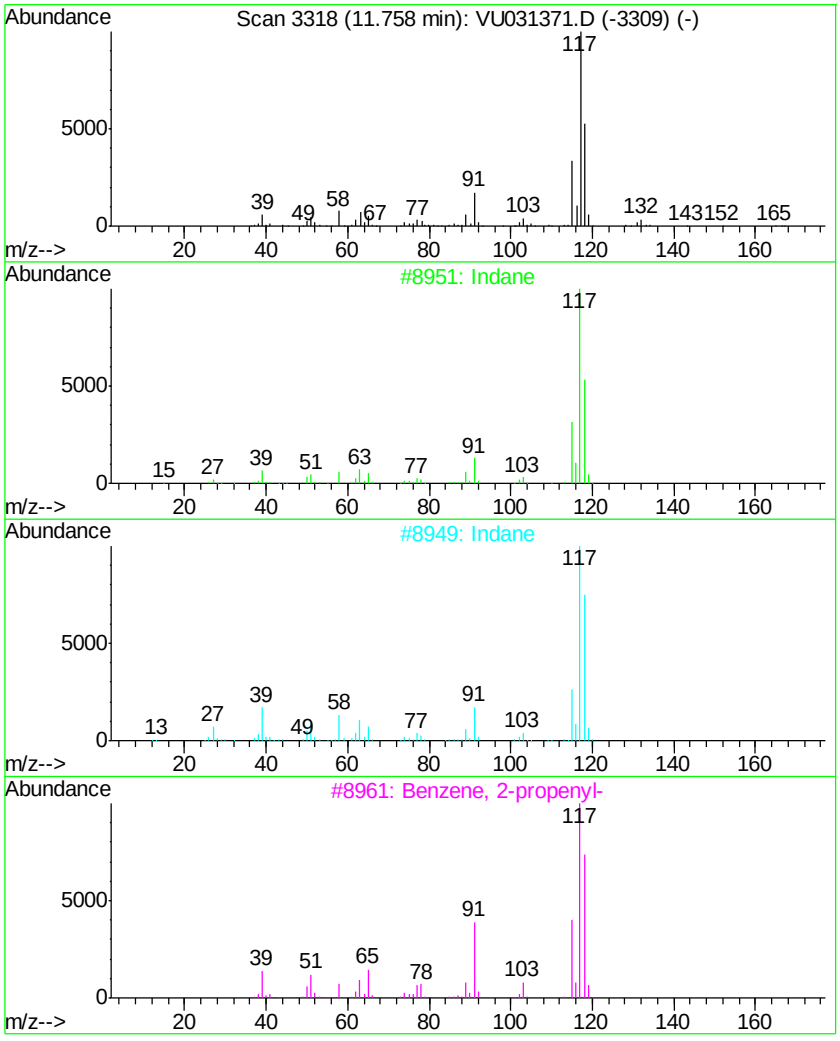
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

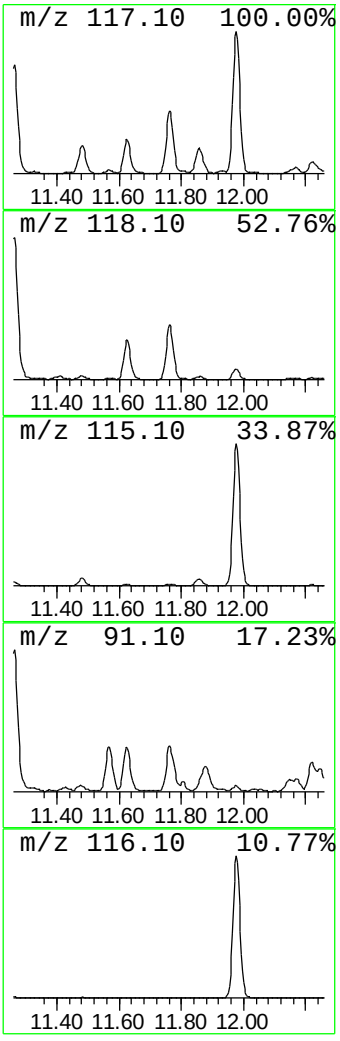
**********

Peak Number 10 Indane Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.76 | 11.80 ug/L | 403196 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 87 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 83 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 83 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

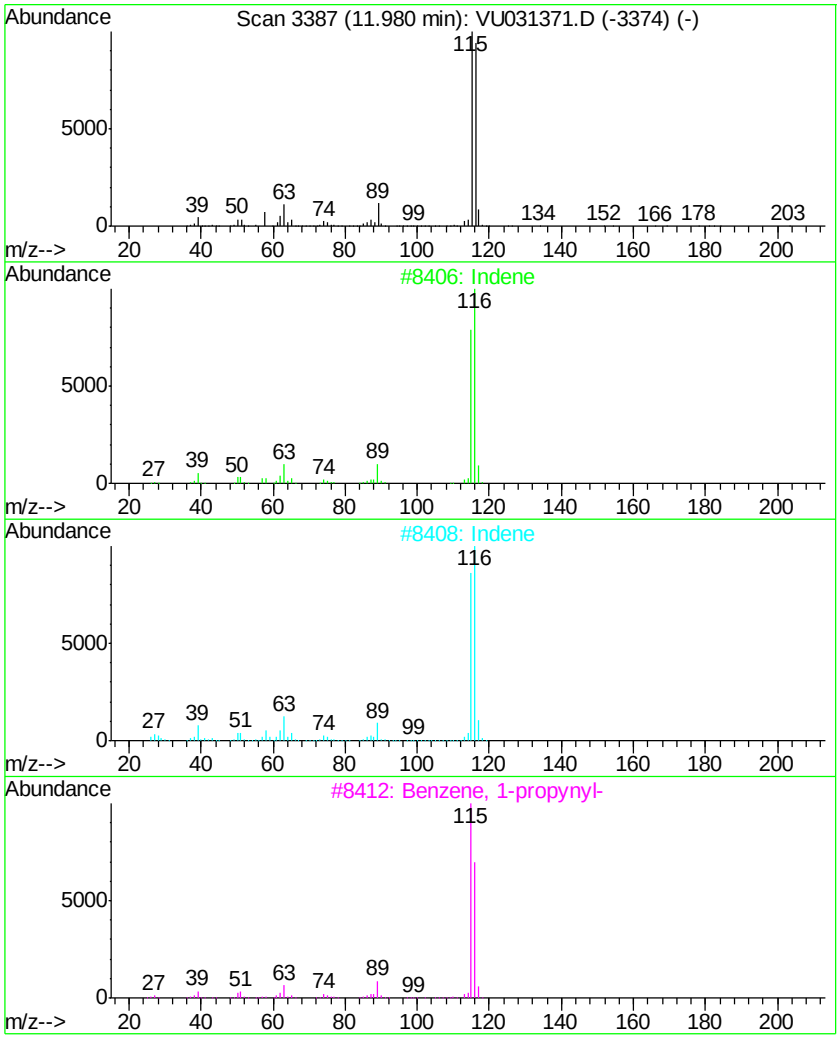
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

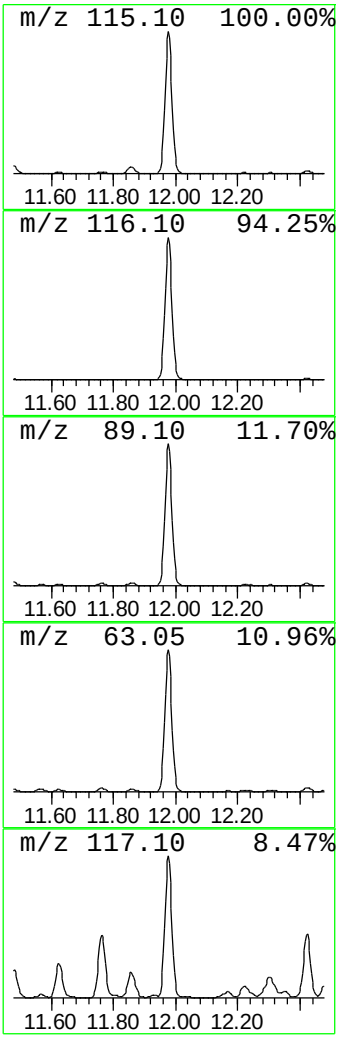
**********

Peak Number 11 Indene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.98 | 265.17 ug/L | 9060020 | 1,4-Dichlorobenzene-d4 | 11.48 |

| 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 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 4 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 5 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

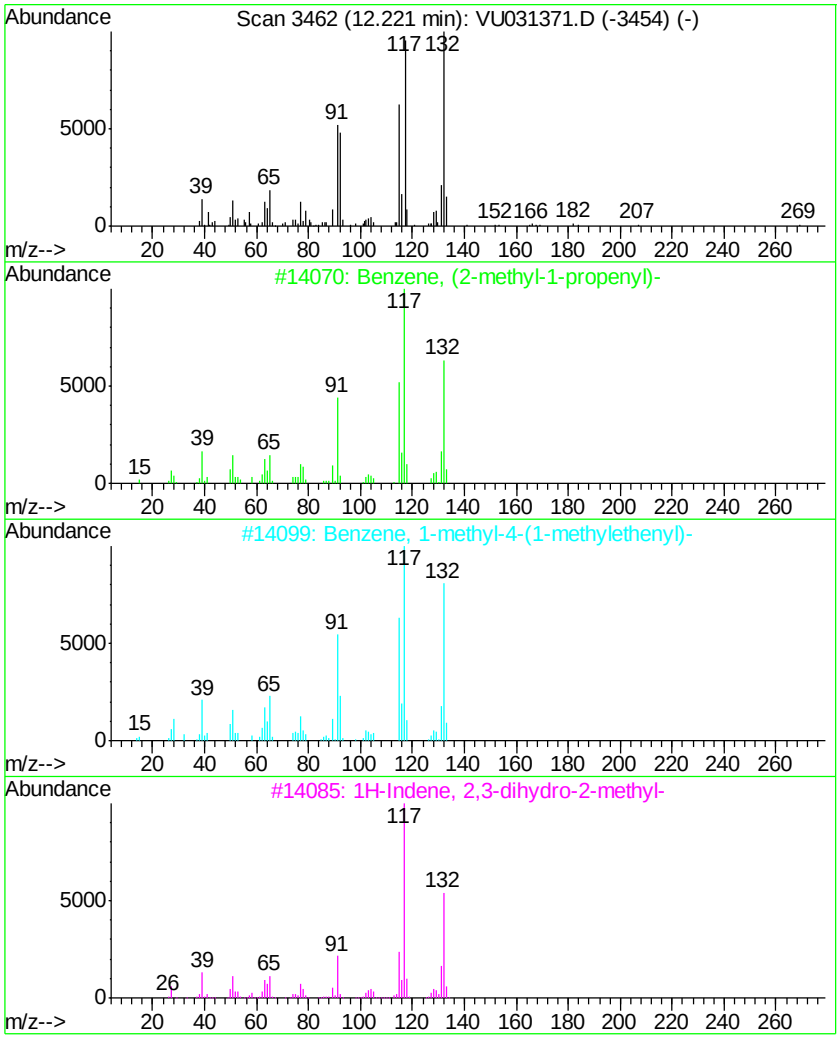
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

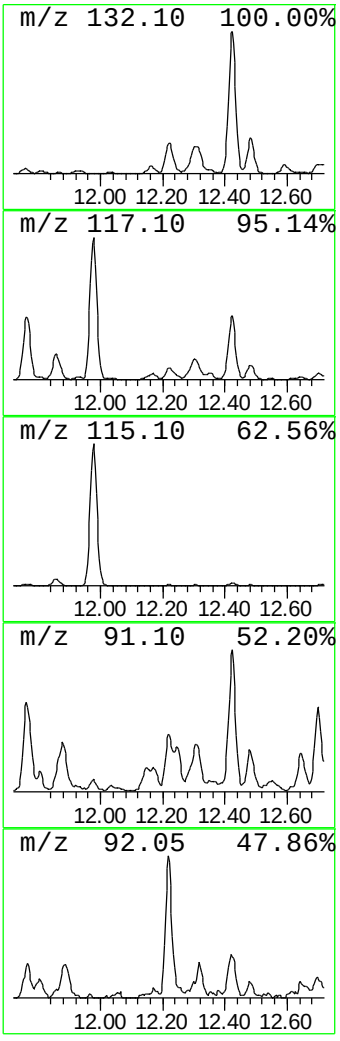
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, (2-methyl-1-propen... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.22 | 3.94 ug/L | 134757 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 95 |
| 2 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 95 |
| 3 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 93 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 89 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 89 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

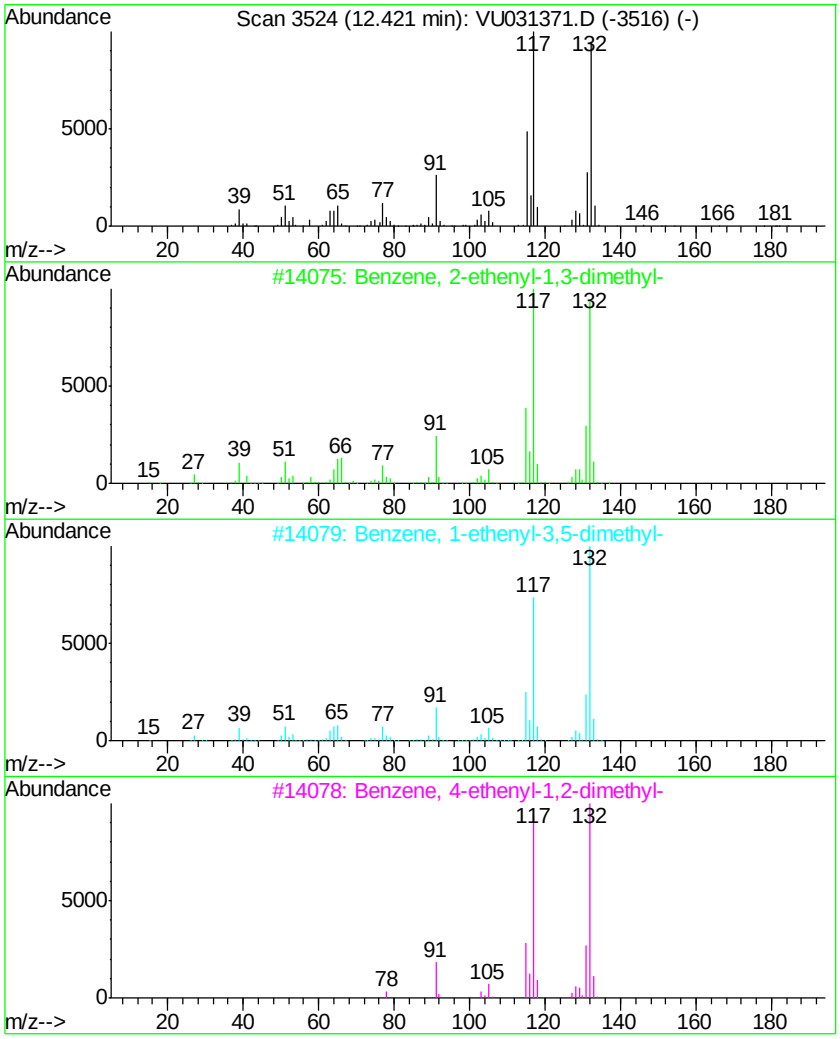
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

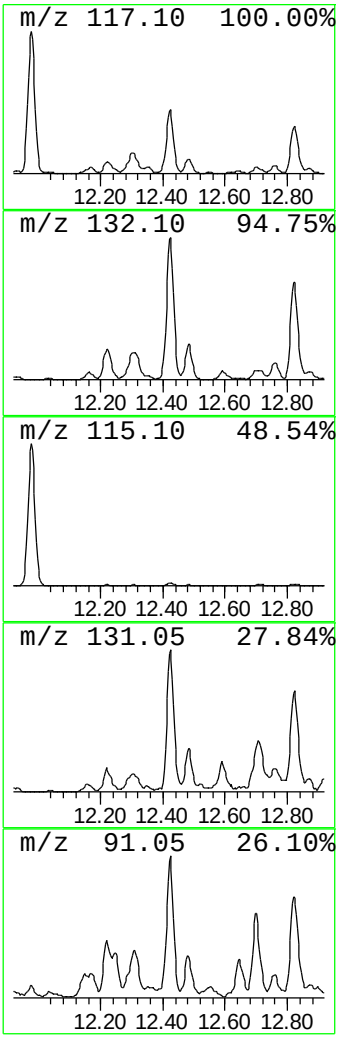
**********

Peak Number 13 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.42 | 16.48 ug/L | 563042 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 95 |
| 2 | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12 | 005379-20-4 | 95 |
| 3 | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12 | 027831-13-6 | 94 |
| 4 | Benzene, (1-methylenepropyl)- | 132 | C10H12 | 002039-93-2 | 94 |
| 5 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

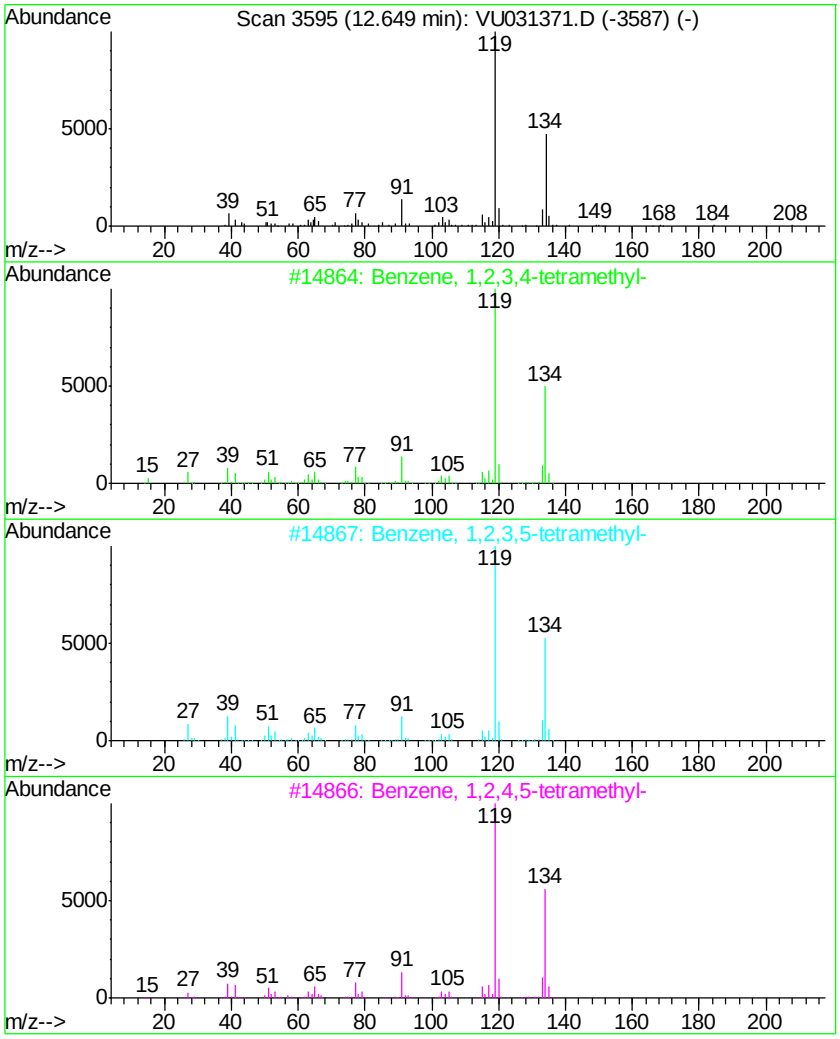
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

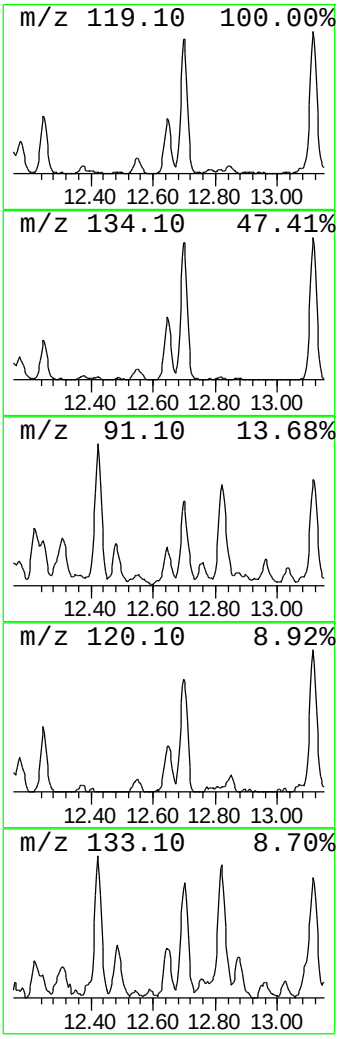
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.65 | 3.68 ug/L | 125679 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 93 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

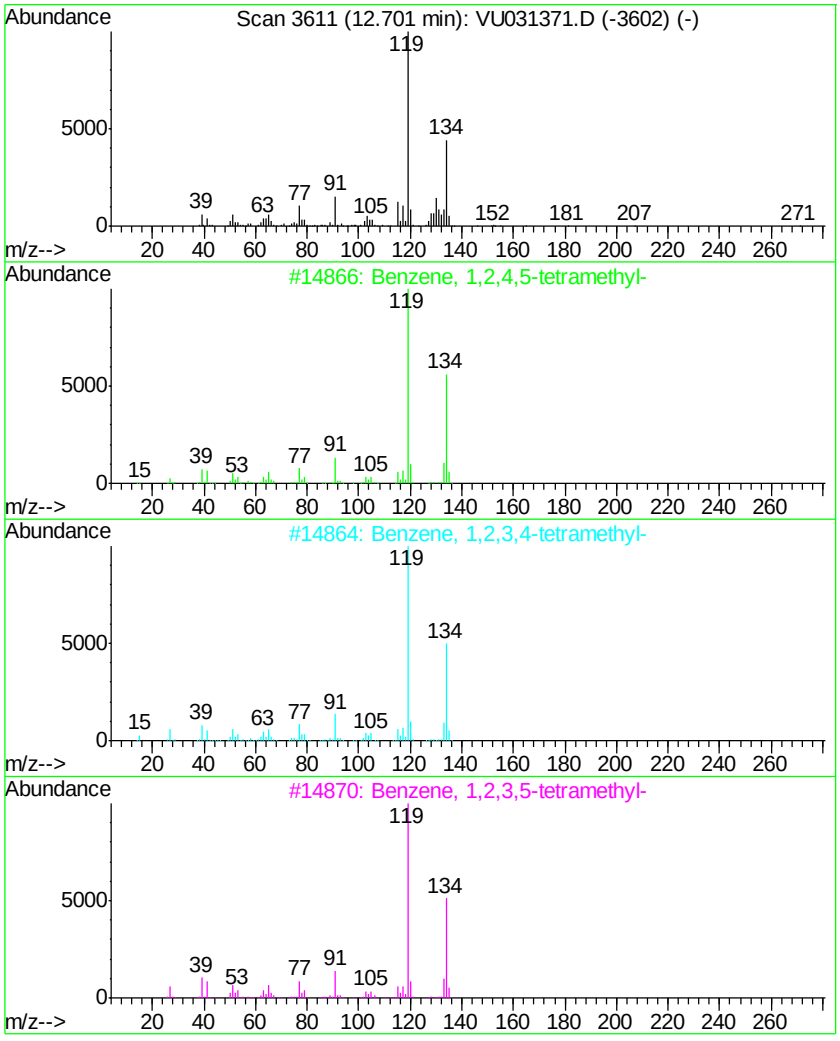
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

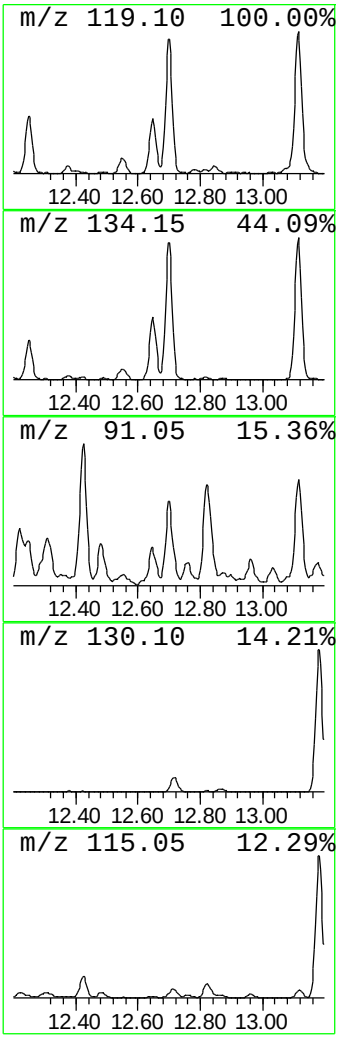
**********

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.70 | 15.35 ug/L | 524400 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 76 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 76 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 76 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 76 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

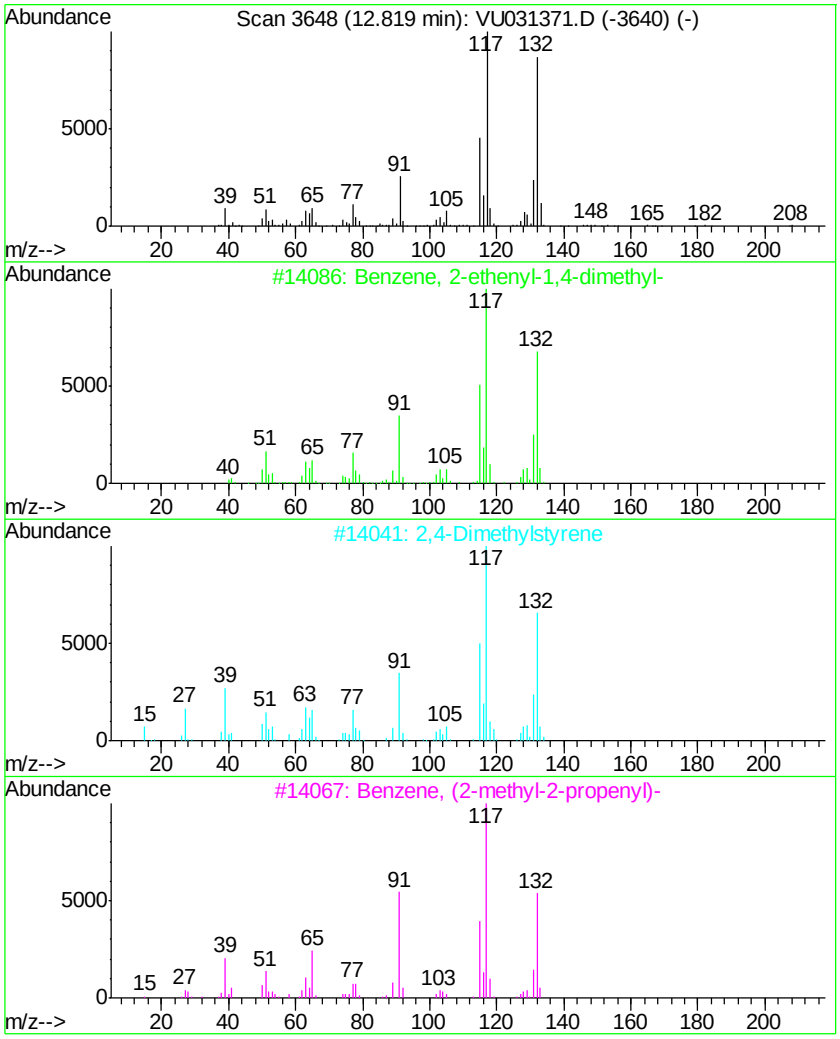
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

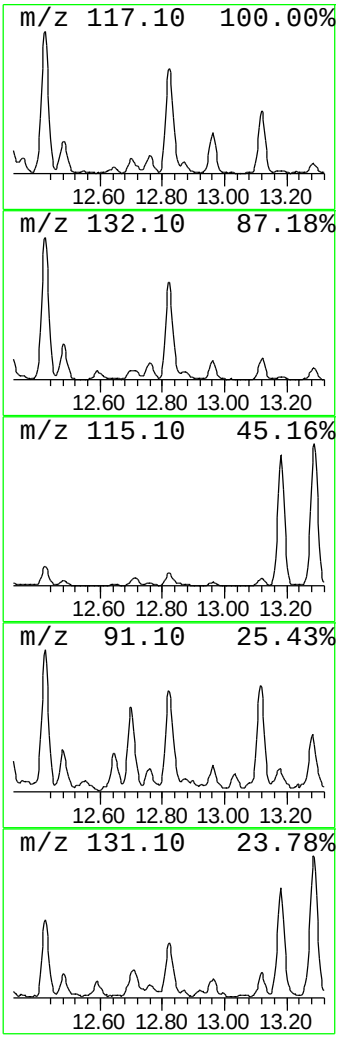
**********

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.82 | 13.00 ug/L | 444248 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 97 |
| 2 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 96 |
| 3 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 95 |
| 4 | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12 | 027831-13-6 | 95 |
| 5 | Benzene, 1-methyl-4-(1-methyleth... | 132 | C10H12 | 001195-32-0 | 94 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

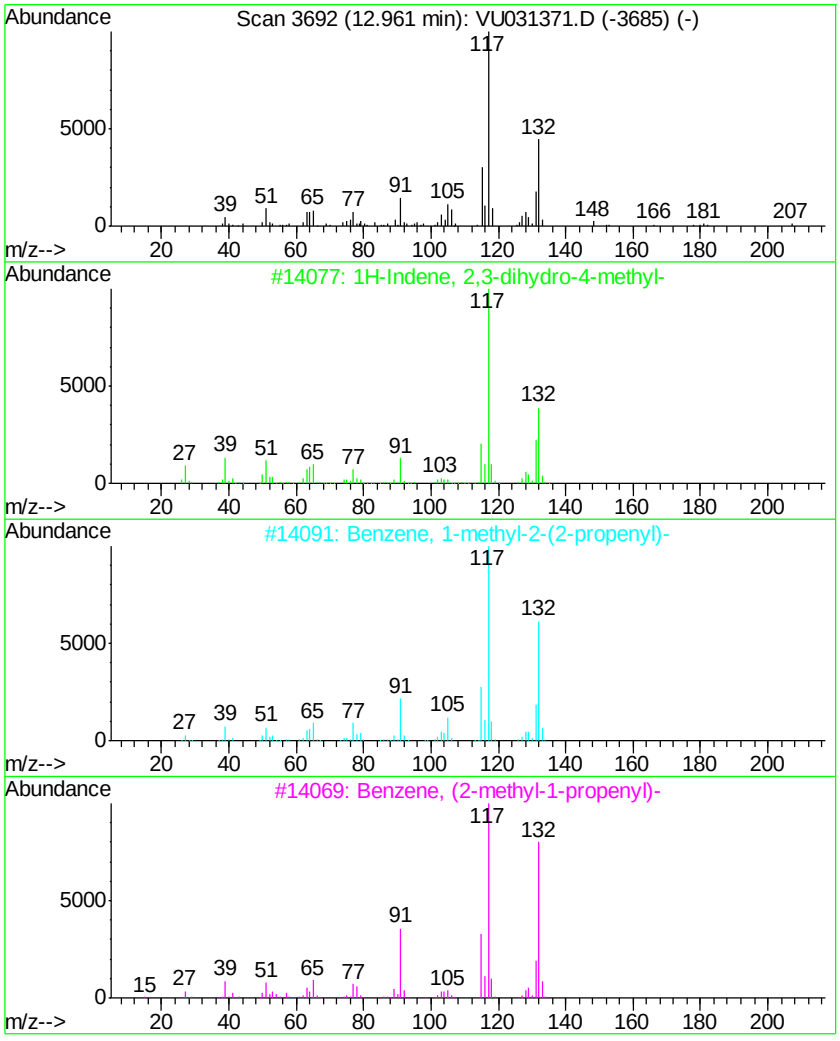
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

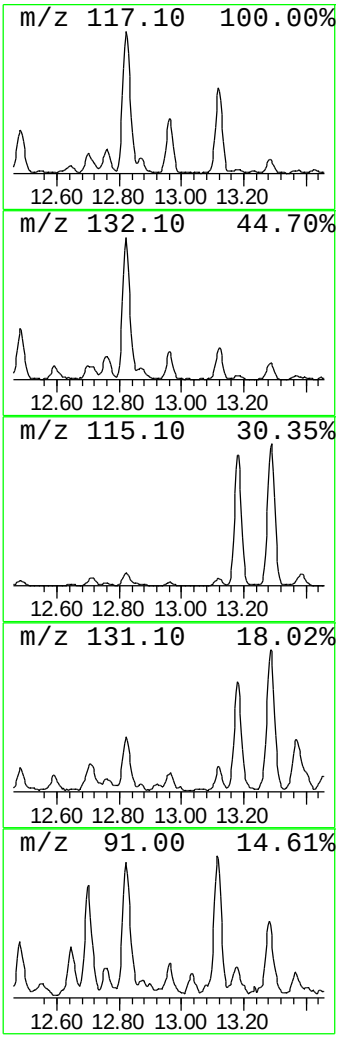
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.96 | 3.36 ug/L | 114883 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 95 |
| 2 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 91 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 90 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 87 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

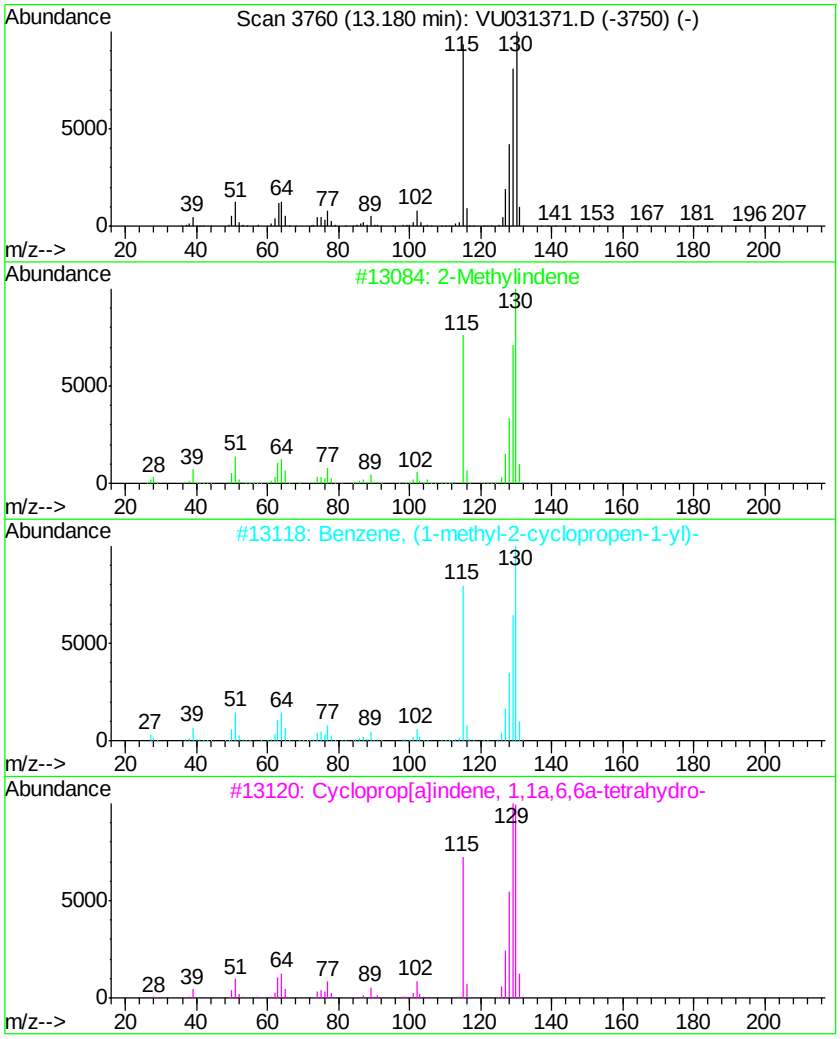
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

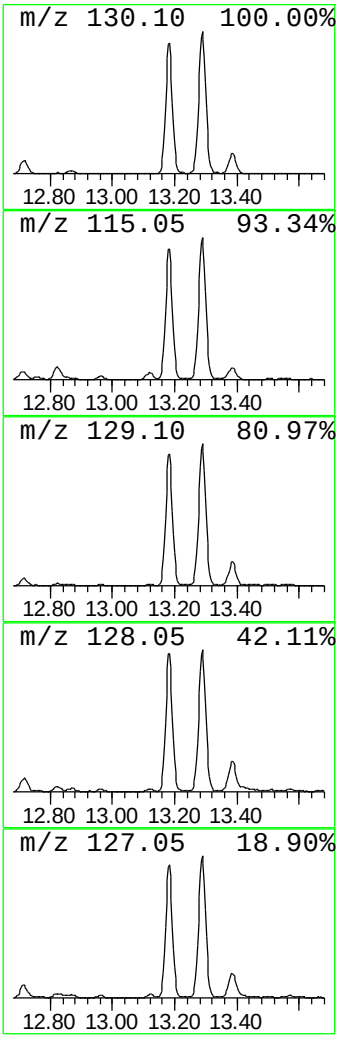
**********

Peak Number 20 2-Methylindene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.18 | 59.71 ug/L | 2040140 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 97 |
| 2 | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 96 |
| 3 | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10 | 015677-15-3 | 95 |
| 4 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 94 |
| 5 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 91 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

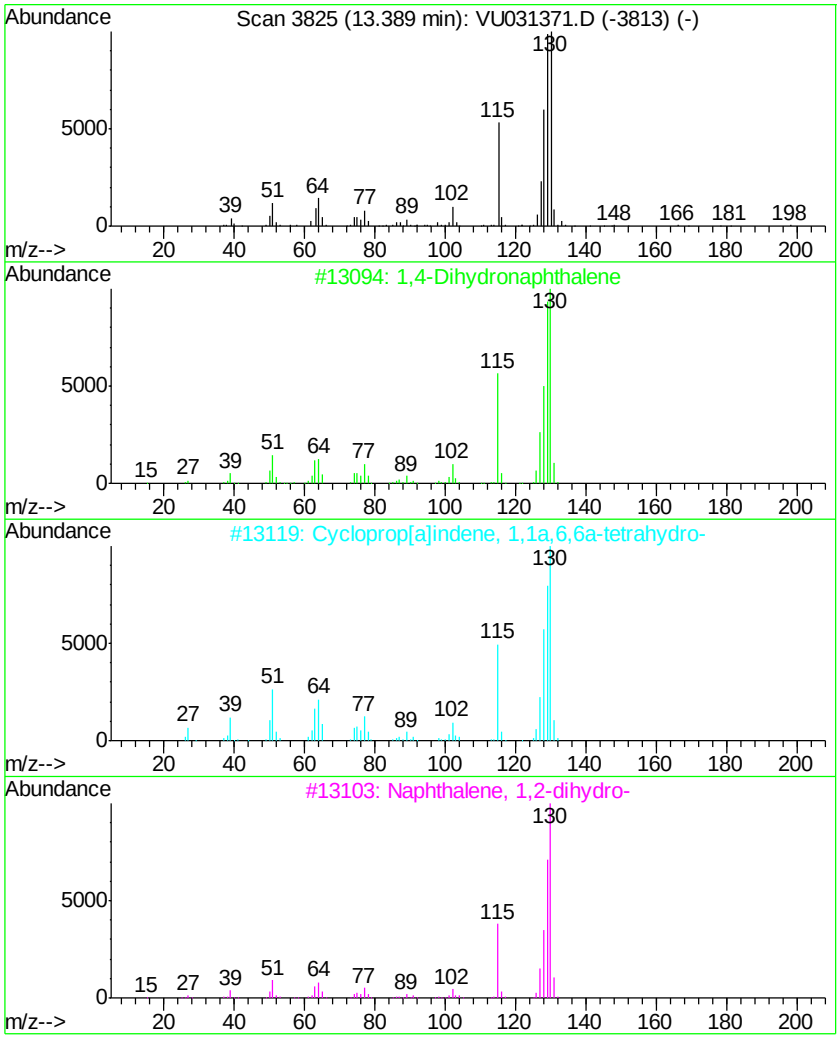
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

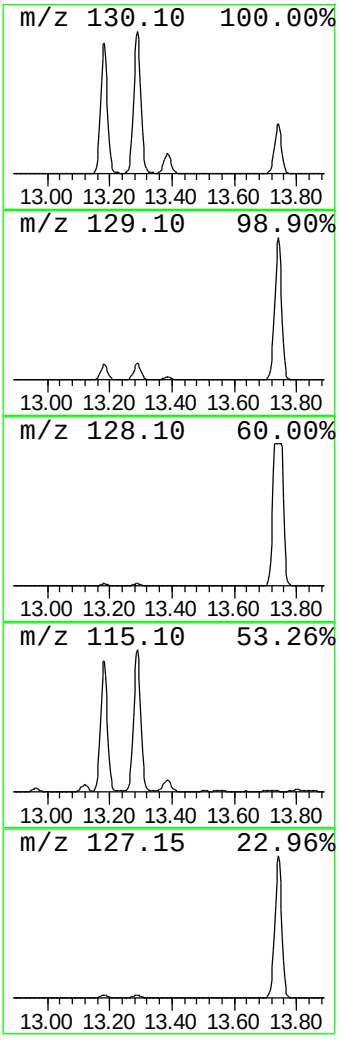
**********

Peak Number 22 1,4-Dihydronaphthalene Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.39 | 11.47 ug/L | 391912 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dihydronaphthalene | 130 | C10H10 | 000612-17-9 | 97 |
| 2 | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10 | 015677-15-3 | 95 |
| 3 | Naphthalene, 1,2-dihydro- | 130 | C10H10 | 000447-53-0 | 94 |
| 4 | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10 | 015677-15-3 | 93 |
| 5 | 1,4-Dihydronaphthalene | 130 | C10H10 | 000612-17-9 | 90 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

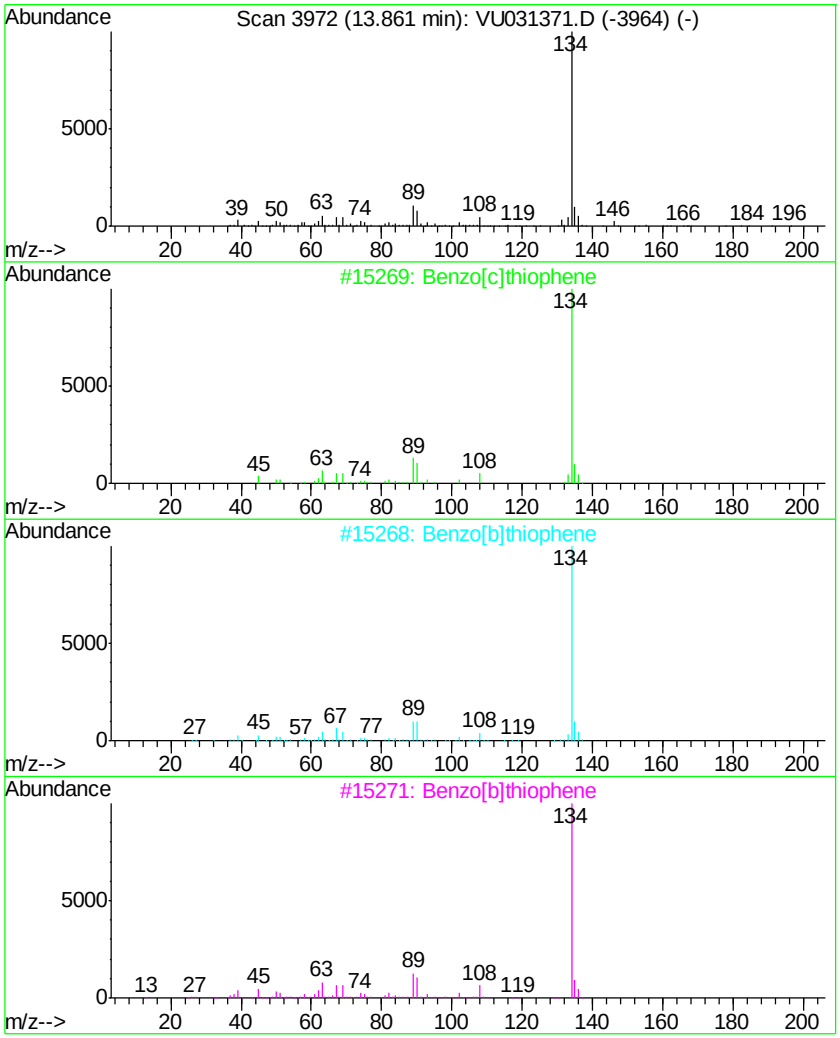
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

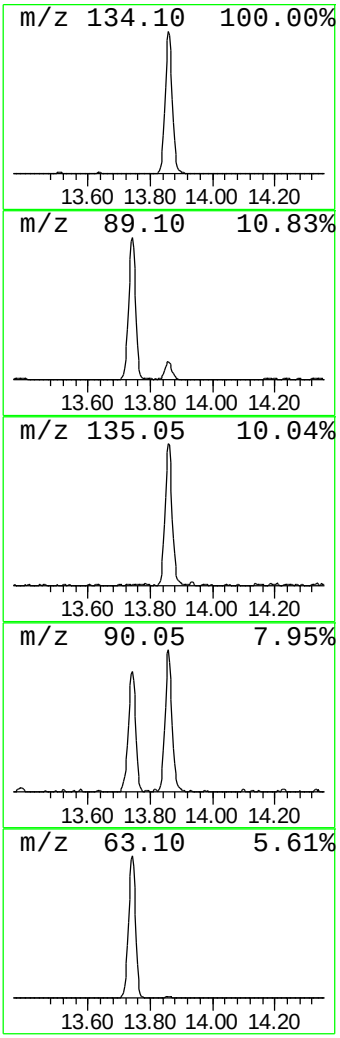
**********

Peak Number 24 Benzo[c]thiophene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.86 | 16.95 ug/L | 579195 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 95 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 3 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 93 |
| 4 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 93 |
| 5 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

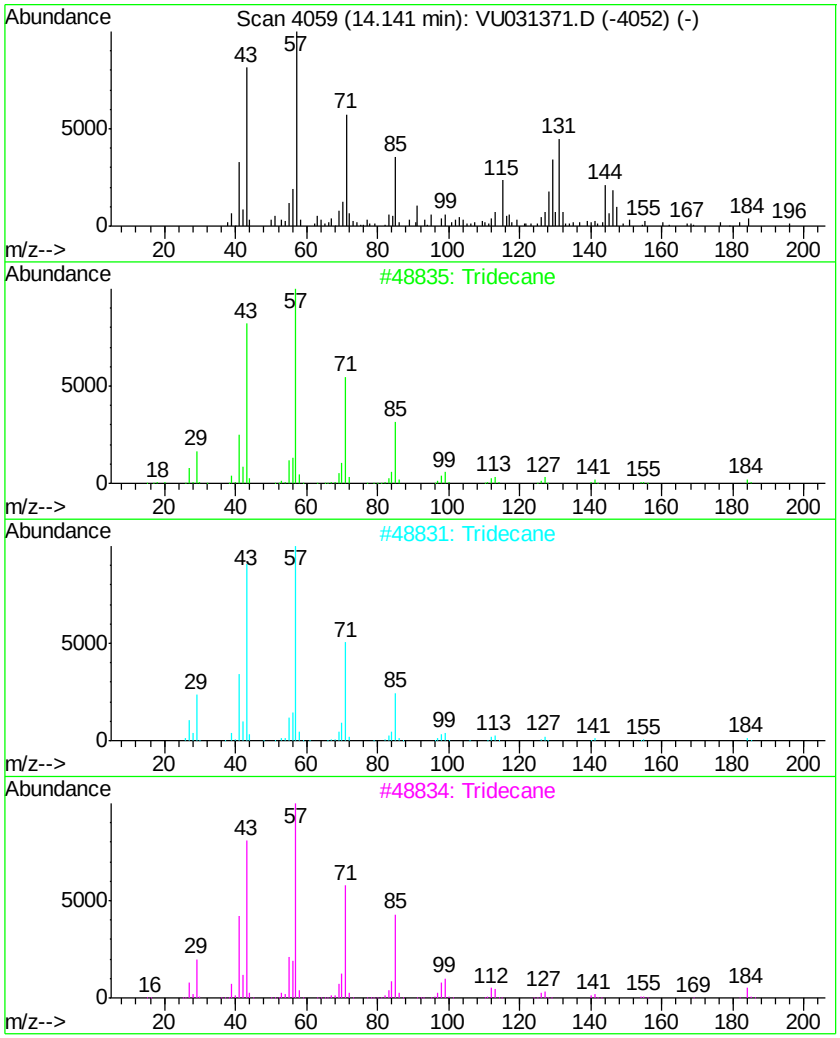
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

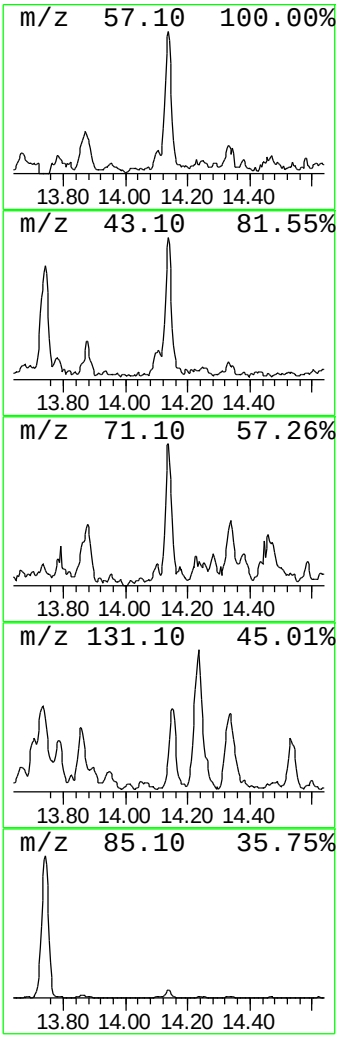
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.14 | 3.14 ug/L | 107181 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 60 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 35 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 20 |
| 4 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 14 |
| 5 | Nonane, 1-iodo- | 254 | C9H19I | 004282-42-2 | 14 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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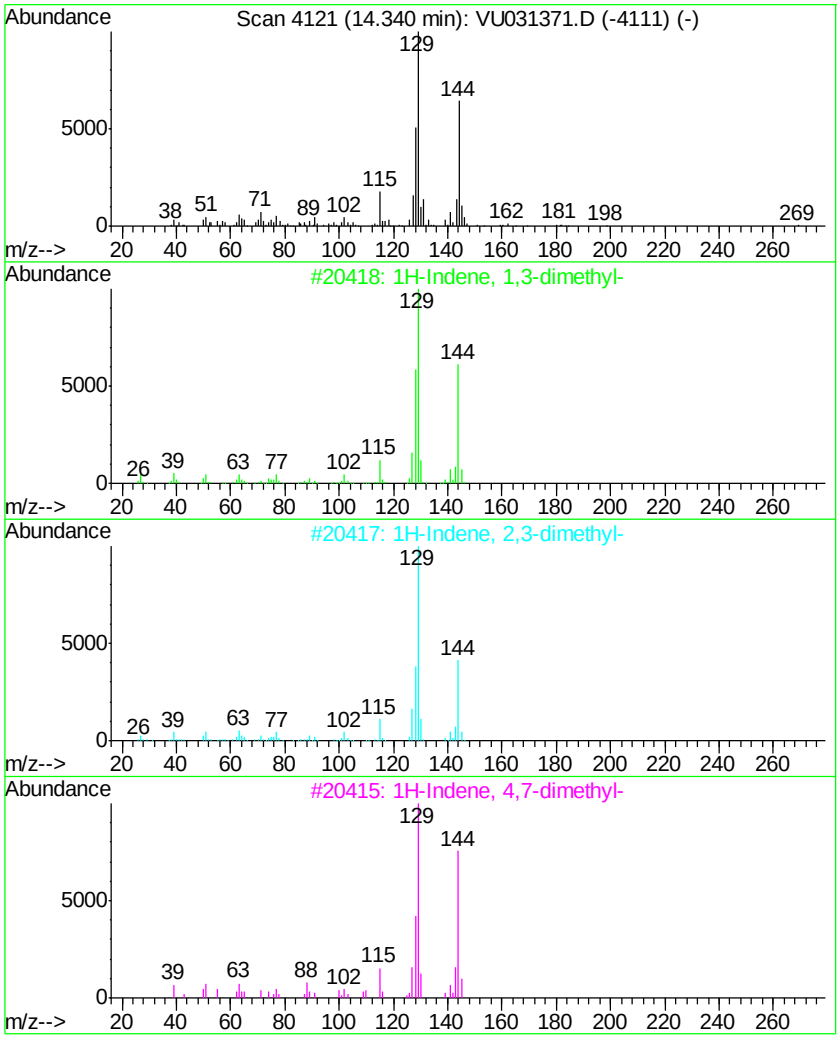
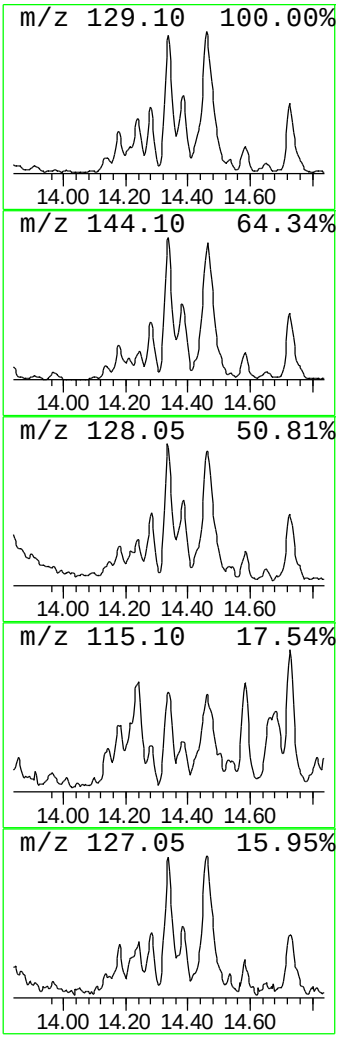
Peak Number 26 1H-Indene, 1,3-dimethyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.34 | 9.02 ug/L | 308251 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1,3-dimethyl- | 144 | C11H12 | 002177-48-2 | 95 |
| 2 | 1H-Indene, 2,3-dimethyl- | 144 | C11H12 | 004773-82-4 | 93 |
| 3 | 1H-Indene, 4,7-dimethyl- | 144 | C11H12 | 006974-97-6 | 91 |
| 4 | 1H-Indene, 1,1-dimethyl- | 144 | C11H12 | 018636-55-0 | 87 |
| 5 | 2-Ethyl-1-H-indene | 144 | C11H12 | 017059-50-6 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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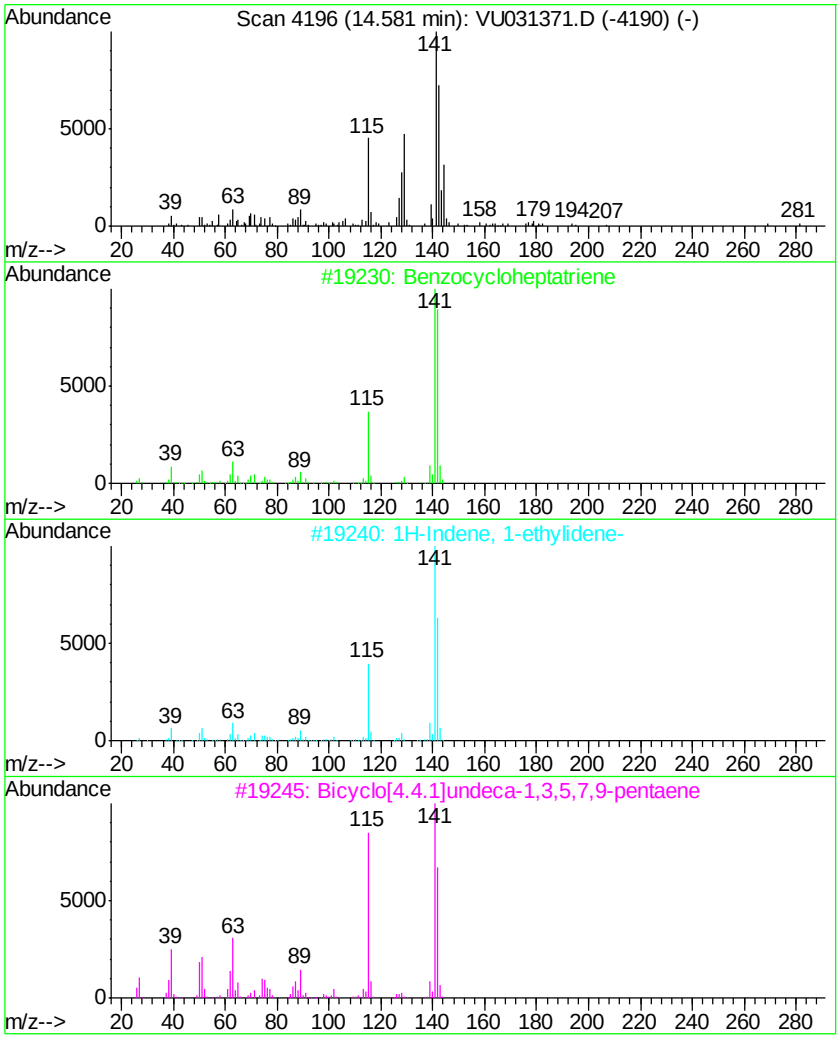
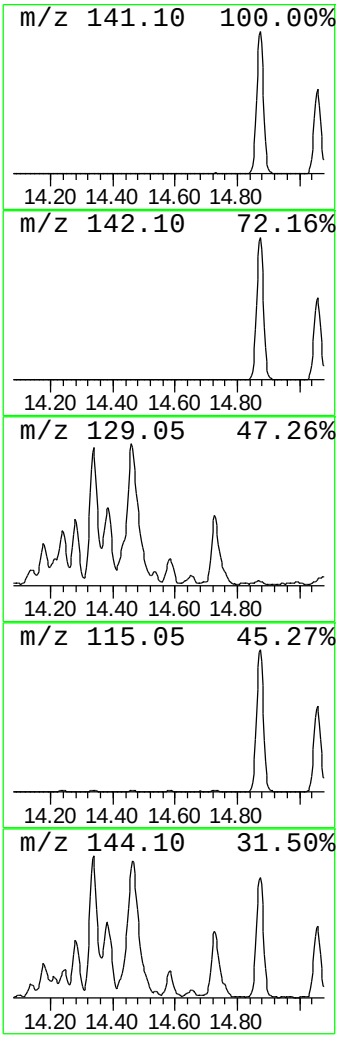
Peak Number 27 Benzocycloheptatriene Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.58 | 3.38 ug/L | 115366 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 64 |
| 2 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 64 |
| 3 | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10 | 002443-46-1 | 64 |
| 4 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 64 |
| 5 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

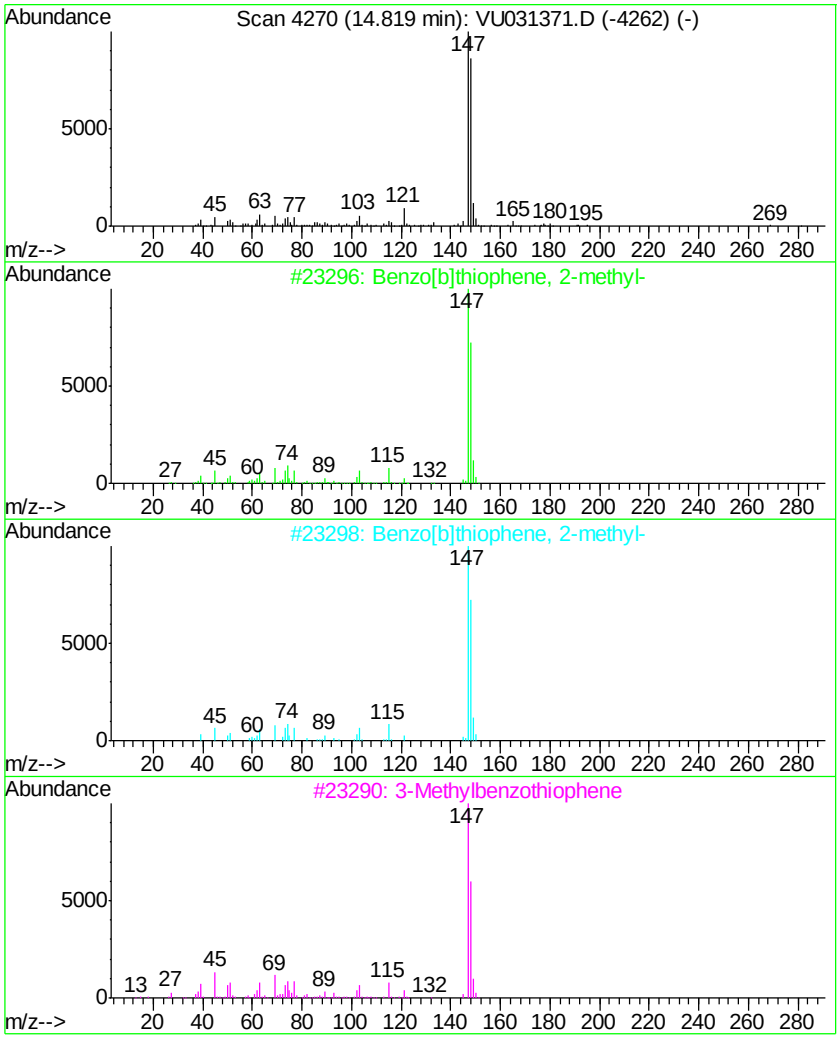
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

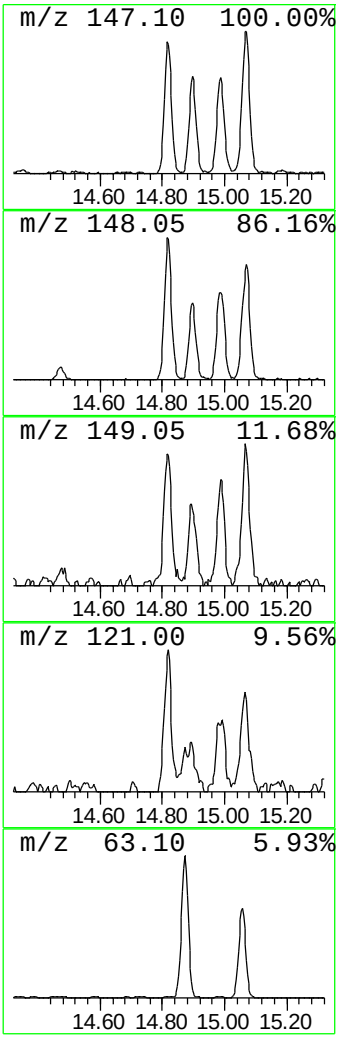
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Benzo[b]thiophene, 2-methyl- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.82 | 4.62 ug/L | 157882 | 1,4-Dichlorobenzene-d4 | 11.48 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

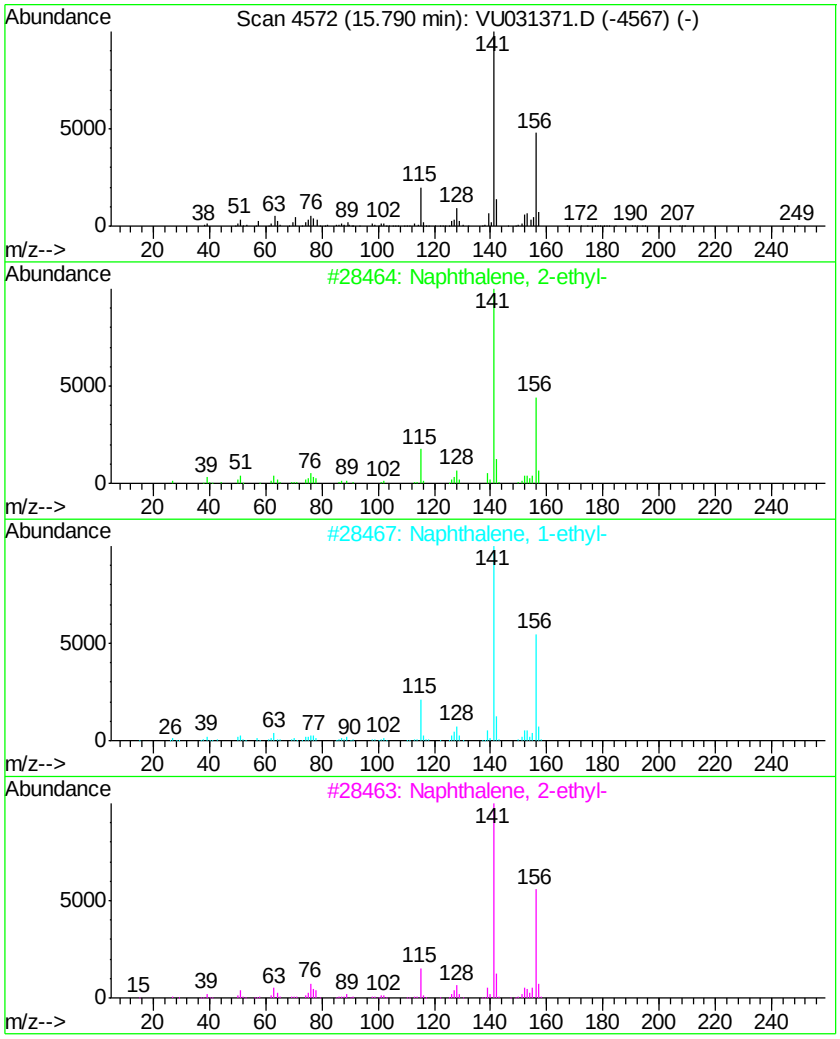
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

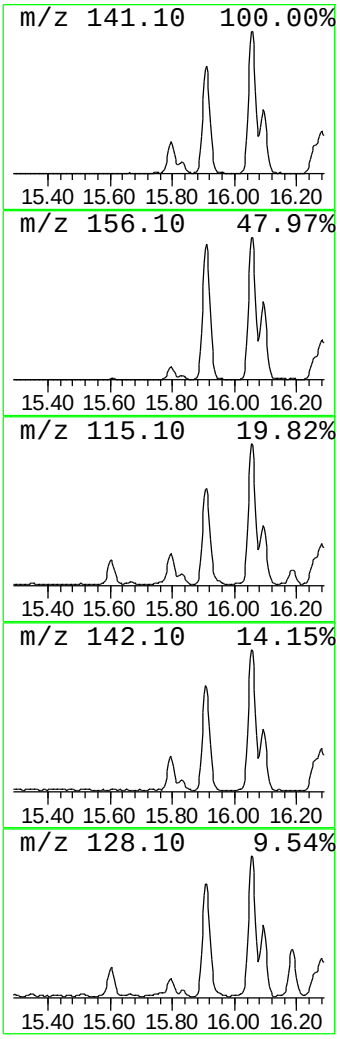
**********

Peak Number 33 Naphthalene, 2-ethyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.79 | 10.97 ug/L | 374918 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 96 |
| 2 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |
| 5 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

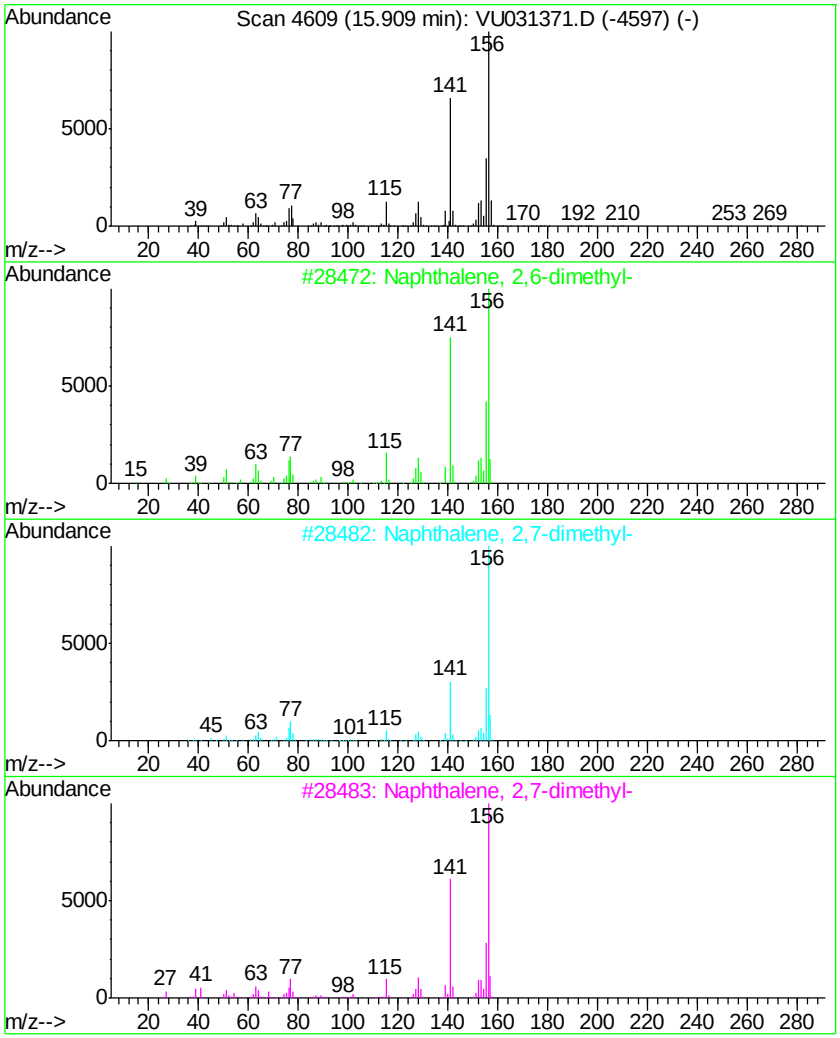
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

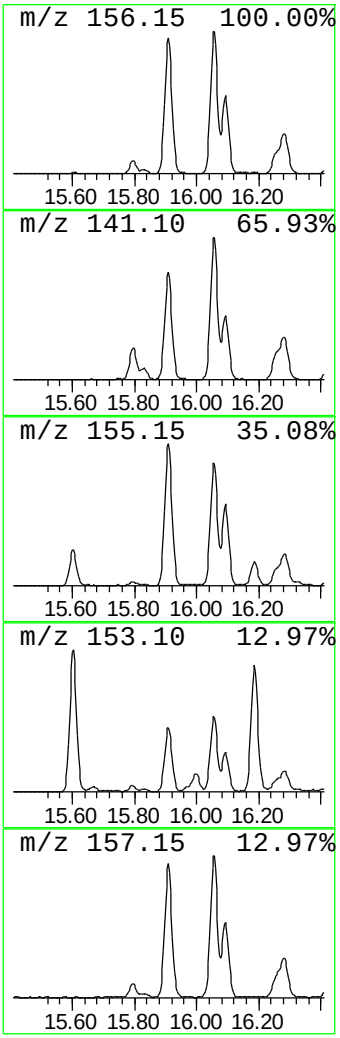
**********

Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.91 | 116.94 ug/L | 3995500 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

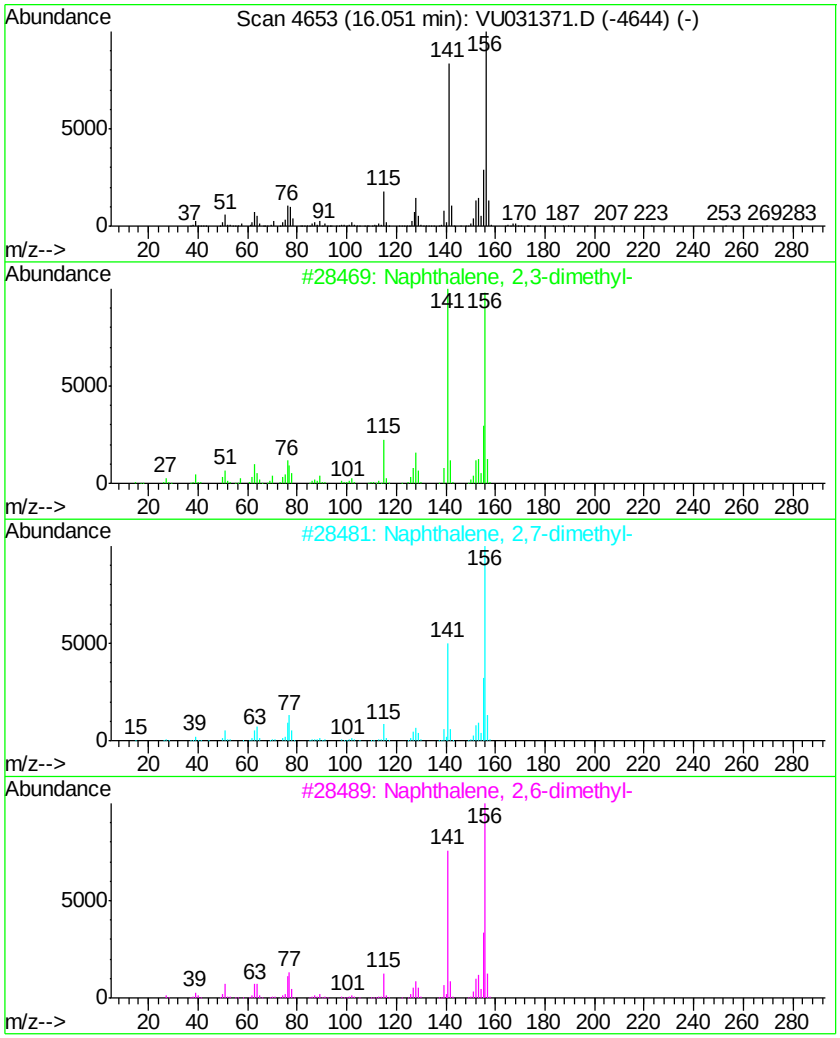
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

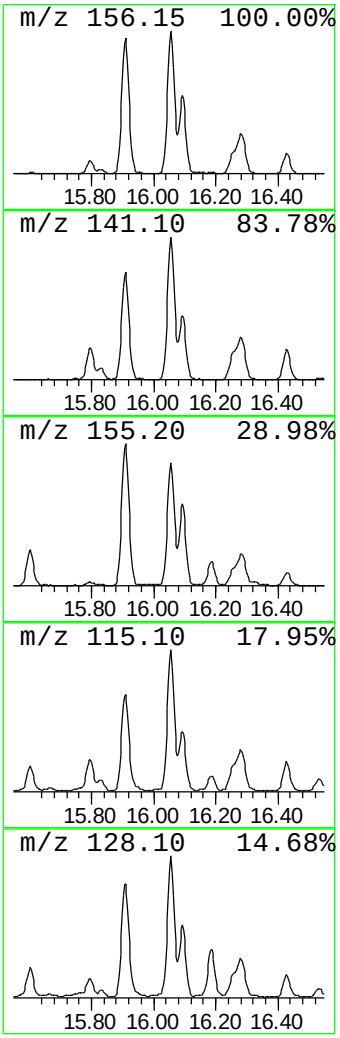
**********

Peak Number 35 Naphthalene, 2,3-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.05 | 123.54 ug/L | 4221080 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

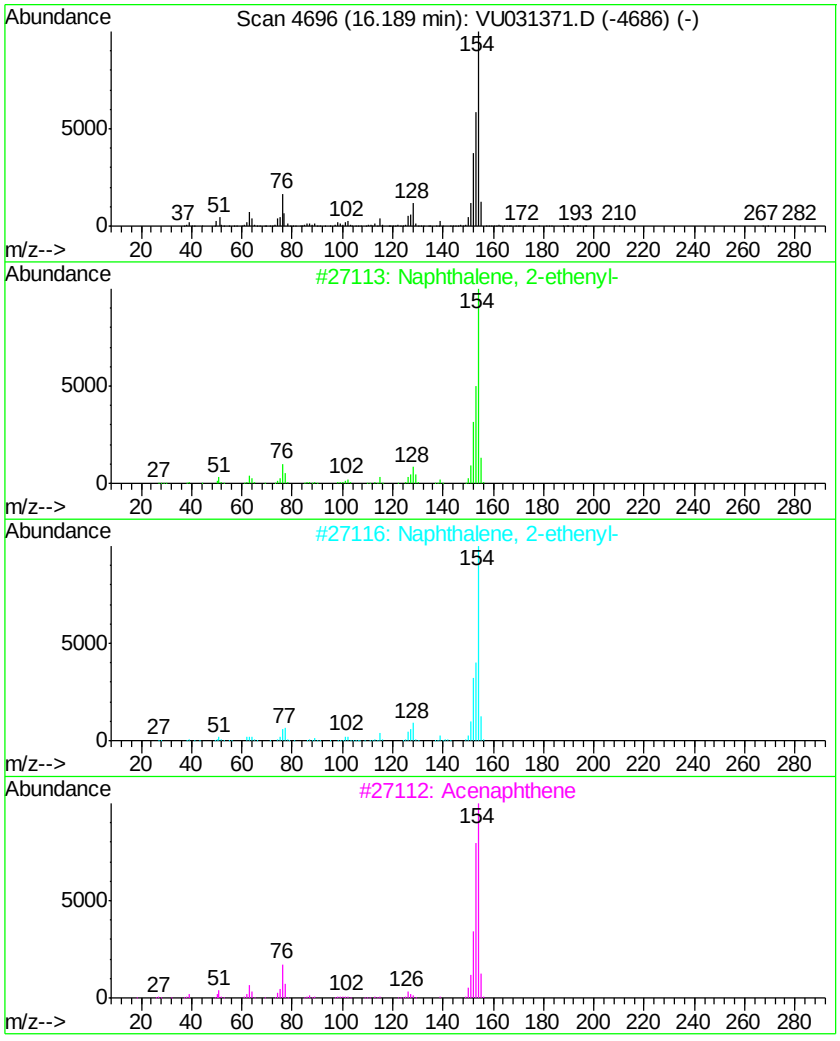
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

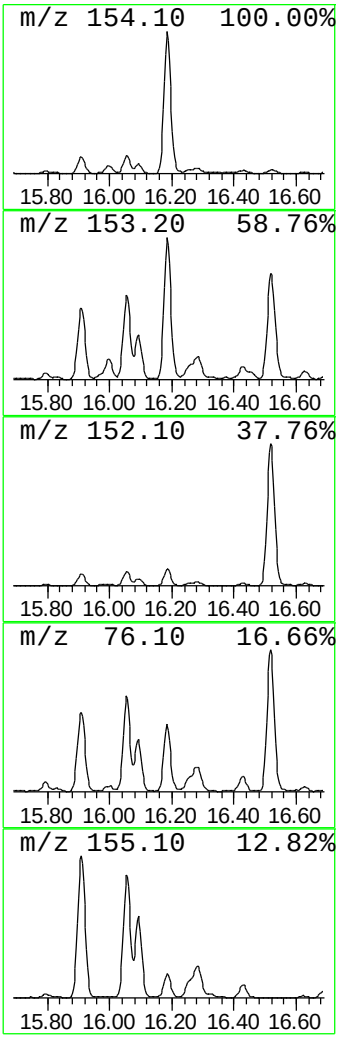
**********

Peak Number 37 Naphthalene, 2-ethenyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.19 | 40.45 ug/L | 1382010 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 94 |
| 2 | Naphthalene, 2-ethenyl- | 154 | C12H10 | 000827-54-3 | 93 |
| 3 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 93 |
| 4 | Biphenyl | 154 | C12H10 | 000092-52-4 | 93 |
| 5 | Biphenyl | 154 | C12H10 | 000092-52-4 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

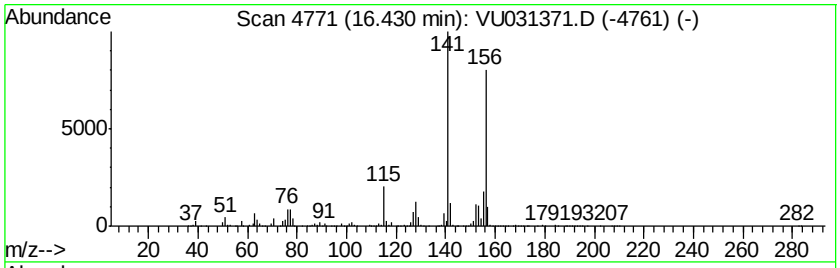
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

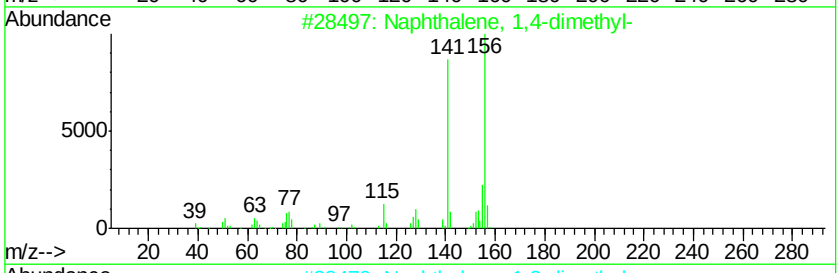
**********

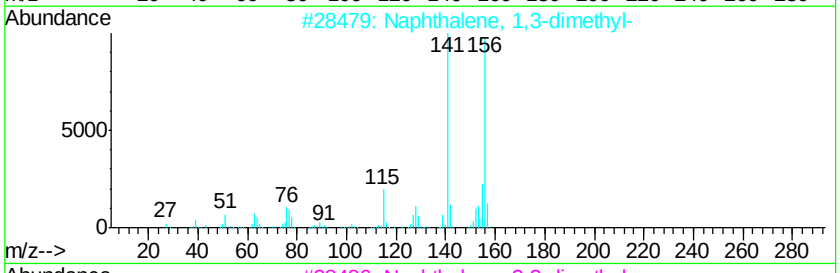
Peak Number 39 Naphthalene, 1,4-dimethyl- Concentration Rank 19

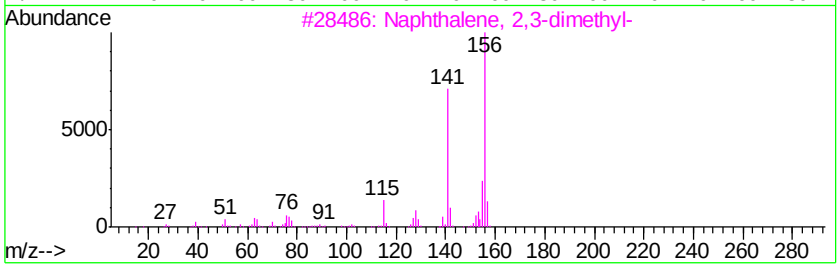
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.43 | 21.04 ug/L | 718877 | 1,4-Dichlorobenzene-d4 | 11.48 |

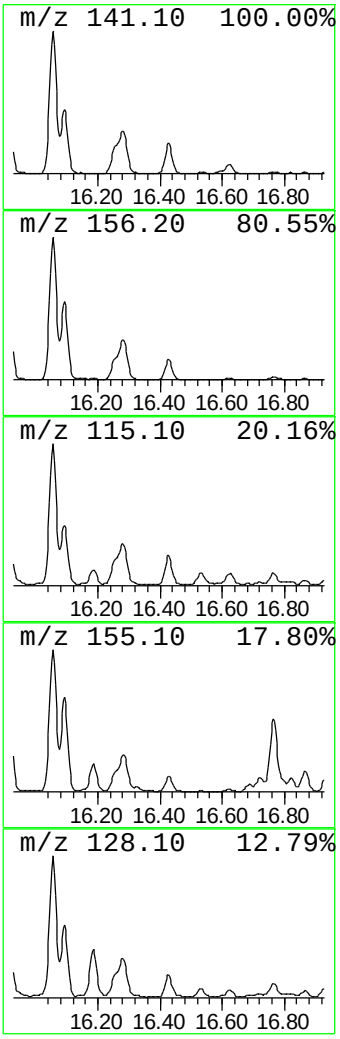
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

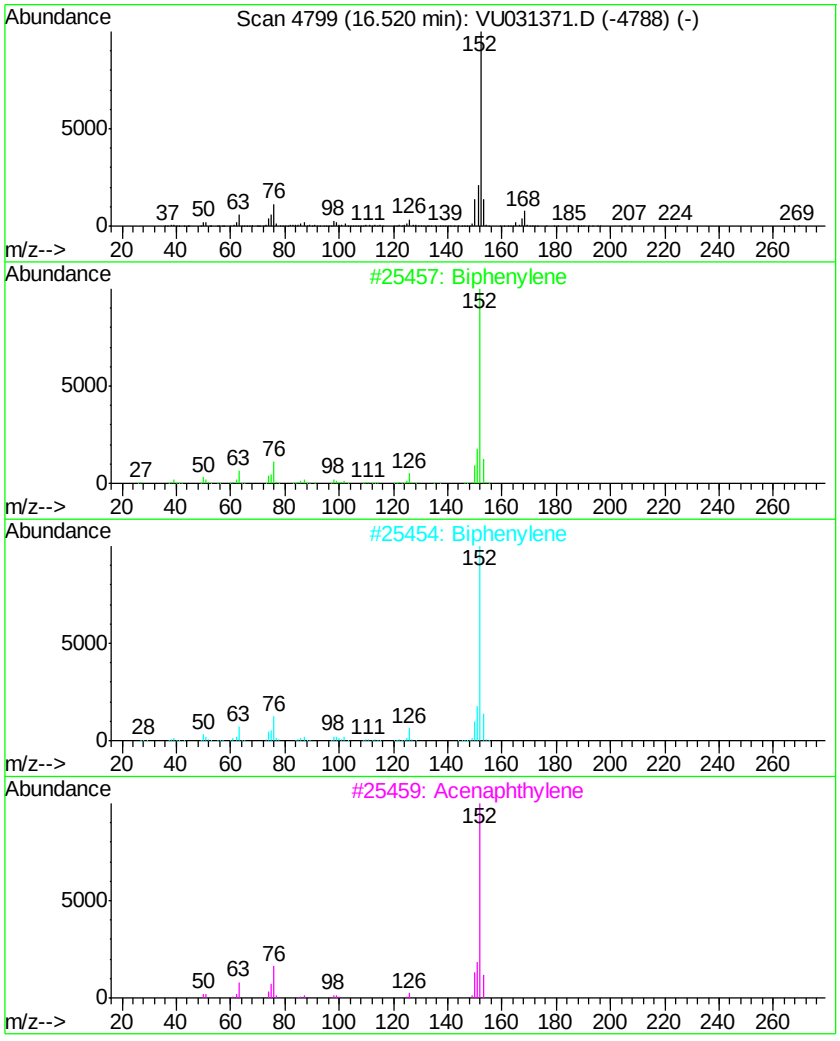
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

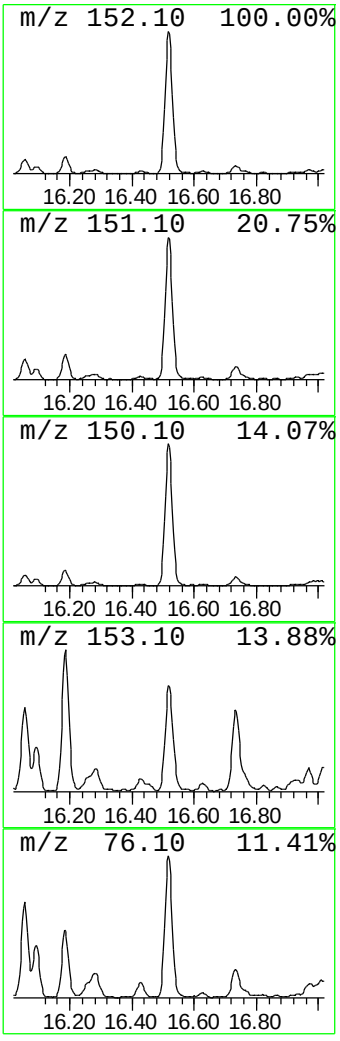
**********

Peak Number 40 Biphenylene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.52 | 101.97 ug/L | 3483970 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Biphenylene | 152 | C12H8 | 000259-79-0 | 91 |
| 2 | Biphenylene | 152 | C12H8 | 000259-79-0 | 91 |
| 3 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 87 |
| 4 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 81 |
| 5 | Acenaphthylene | 152 | C12H8 | 000208-96-8 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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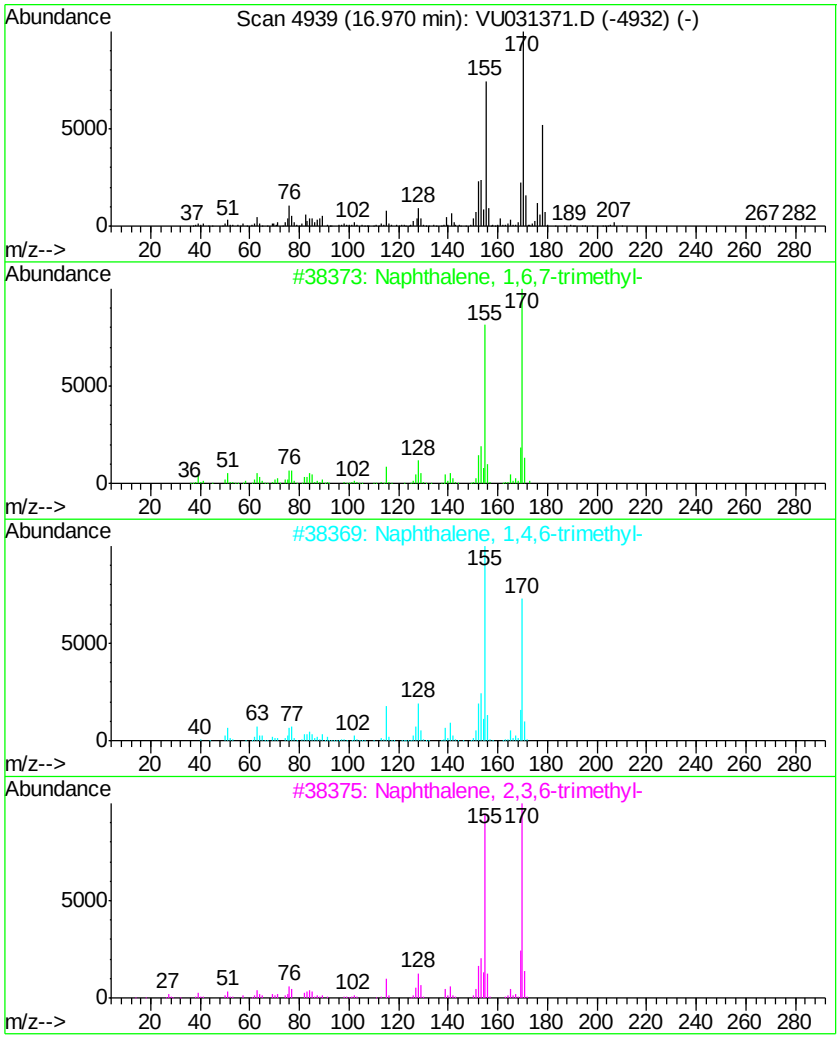
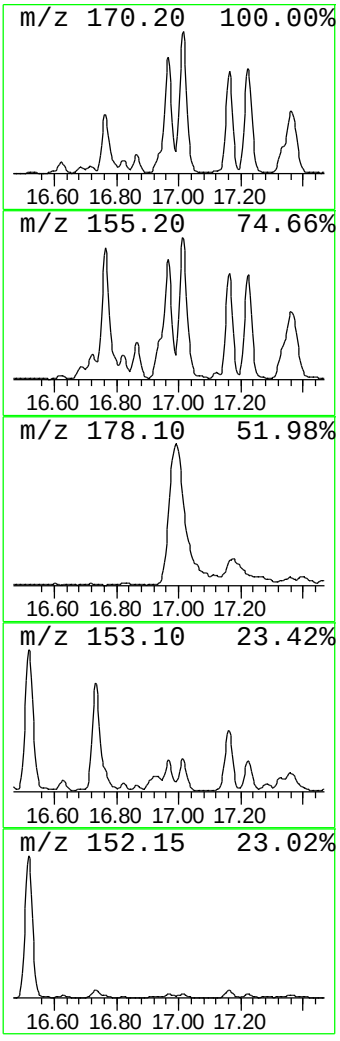
Peak Number 42 Naphthalene, 1,6,7-trimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.97 | 14.65 ug/L | 500599 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

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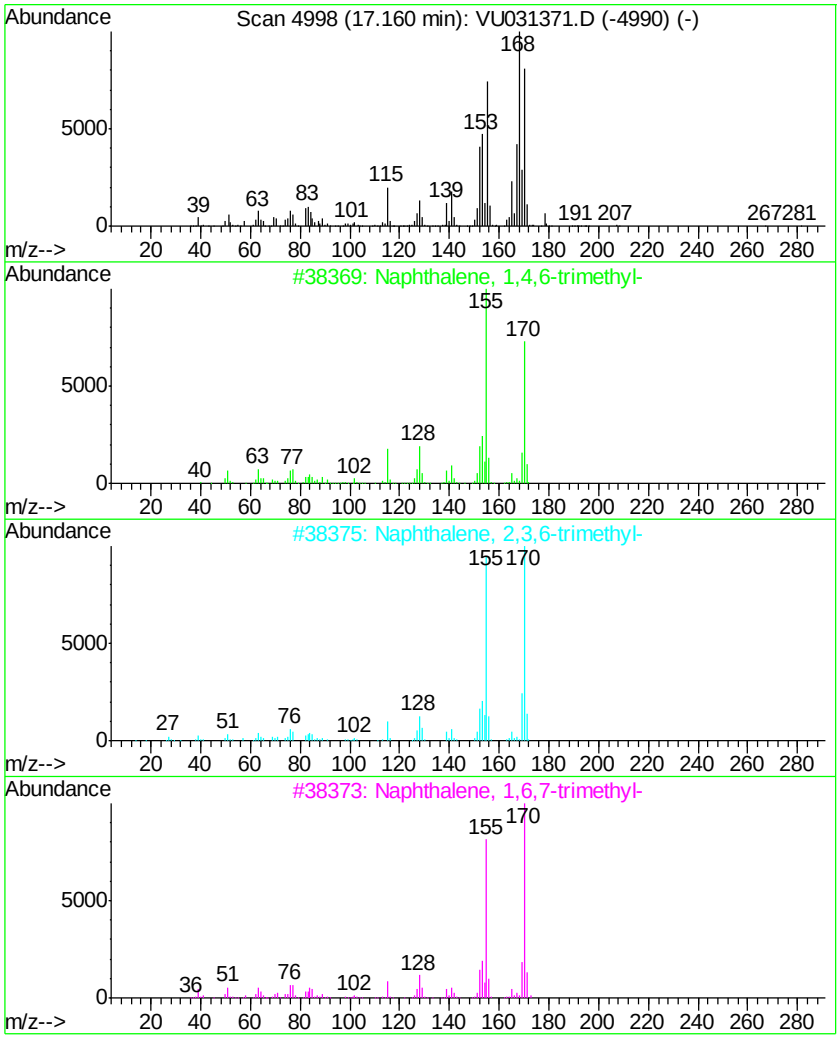
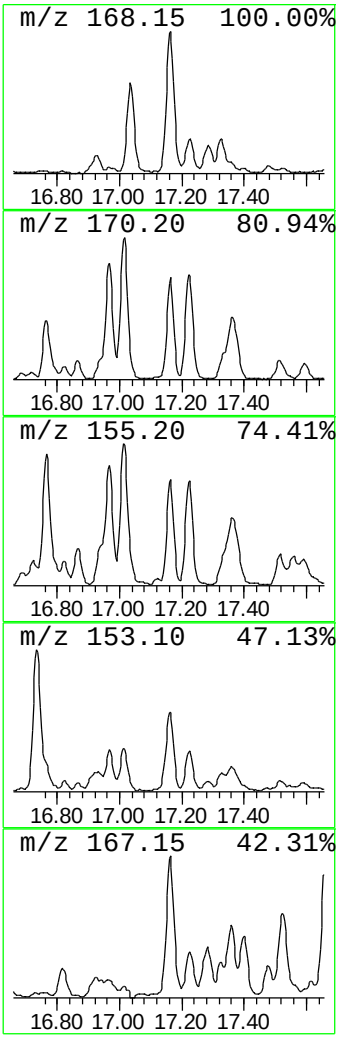
Peak Number 43 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.16 | 32.24 ug/L | 1101500 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 50 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 50 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 50 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 50 |
| 5 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

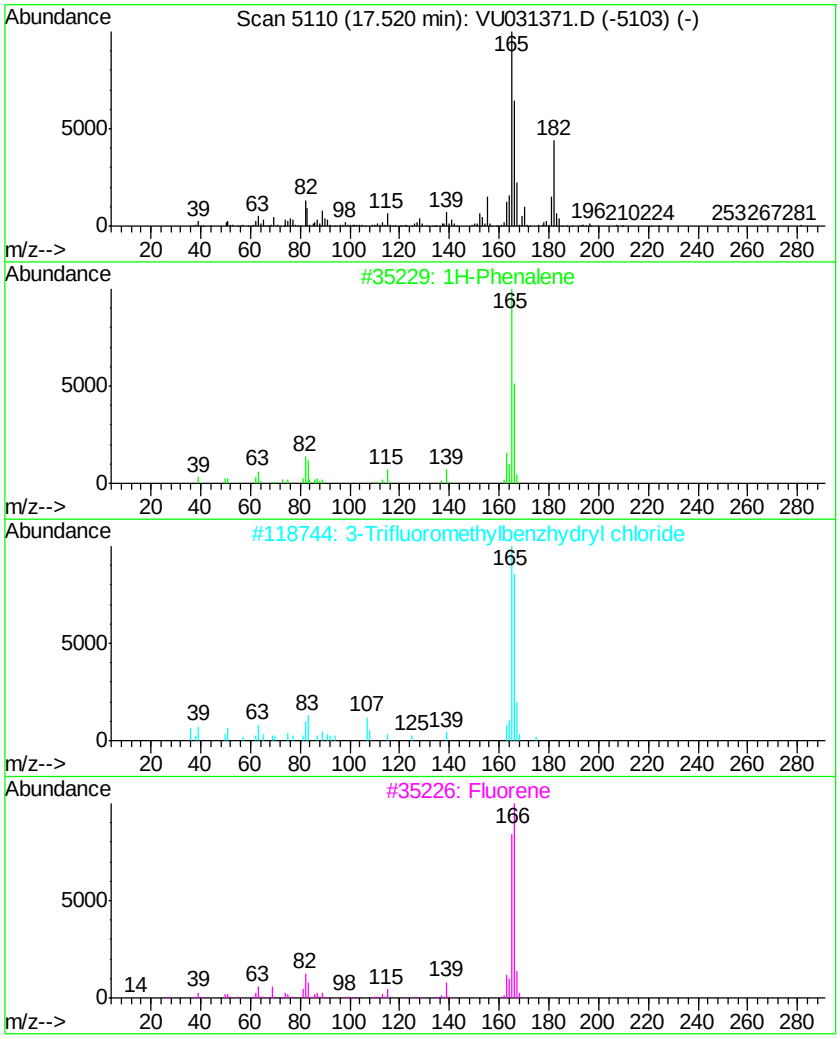
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

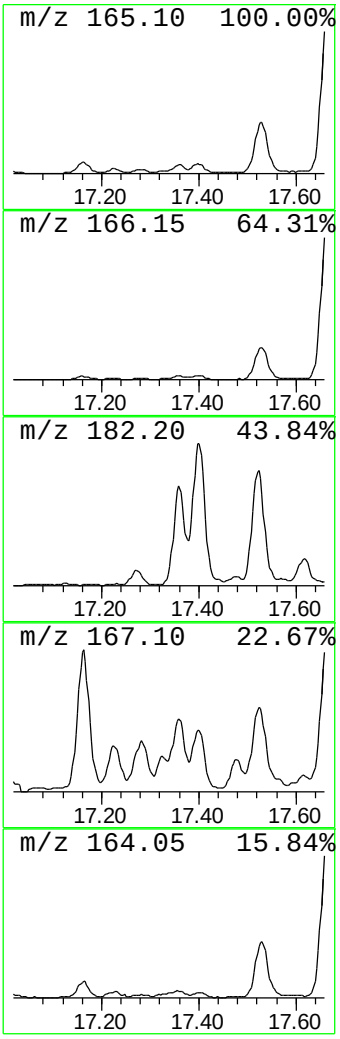
**********

Peak Number 45 1H-Phenalene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.52 | 23.77 ug/L | 812243 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Phenalene | 166 | C13H10 | 000203-80-5 | 55 |
| 2 | 3-Trifluoromethylbenzhydryl chlo... | 270 | C14H10ClF3 | 067240-79-3 | 50 |
| 3 | Fluorene | 166 | C13H10 | 000086-73-7 | 38 |
| 4 | 2-Azetidinone, 3,3-diphenyl- | 223 | C15H13NO | 015826-12-7 | 38 |
| 5 | Fluorene | 166 | C13H10 | 000086-73-7 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
Data File : VU031371.D
Acq On : 19 Apr 2019 19:54
Operator : JC/SP
Sample : K2456-03 50X
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAHS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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 |
| Benzene, 1-ethyl-... | 10.68 | 16.2 | ug/L | 553158 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 1-ethyl-... | 10.97 | 3.8 | ug/L | 129582 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 1,2,3-tr... | 11.14 | 52.0 | ug/L | 1776520 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 1-etheny... | 11.21 | 60.0 | ug/L | 2049910 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 1-etheny... | 11.26 | 22.5 | ug/L | 769640 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 1-propenyl- | 11.63 | 7.2 | ug/L | 246971 | 3 | 11.48 | 1708380 | 50.0 |
| Indane | 11.76 | 11.8 | ug/L | 403196 | 3 | 11.48 | 1708380 | 50.0 |
| Indene | 11.98 | 265.2 | ug/L | 9060020 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, (2-methy... | 12.22 | 3.9 | ug/L | 134757 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 2-etheny... | 12.42 | 16.5 | ug/L | 563042 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 1,2,3,4-... | 12.65 | 3.7 | ug/L | 125679 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 1,2,4,5-... | 12.70 | 15.4 | ug/L | 524400 | 3 | 11.48 | 1708380 | 50.0 |
| Benzene, 2-etheny... | 12.82 | 13.0 | ug/L | 444248 | 3 | 11.48 | 1708380 | 50.0 |
| 1H-Indene, 2,3-di... | 12.96 | 3.4 | ug/L | 114883 | 3 | 11.48 | 1708380 | 50.0 |
| 2-Methylindene | 13.18 | 59.7 | ug/L | 2040140 | 3 | 11.48 | 1708380 | 50.0 |
| 1,4-Dihydronaphth... | 13.39 | 11.5 | ug/L | 391912 | 3 | 11.48 | 1708380 | 50.0 |
| Benzo[c]thiophene | 13.86 | 16.9 | ug/L | 579195 | 3 | 11.48 | 1708380 | 50.0 |
| (DEL) Alkane: Str... | 14.14 | 3.1 | ug/L | 107181 | 3 | 11.48 | 1708380 | 50.0 |
| 1H-Indene, 1,3-di... | 14.34 | 9.0 | ug/L | 308251 | 3 | 11.48 | 1708380 | 50.0 |
| Benzocycloheptatr... | 14.58 | 3.4 | ug/L | 115366 | 3 | 11.48 | 1708380 | 50.0 |
| Benzo[b]thiophene... | 14.82 | 4.6 | ug/L | 157882 | 3 | 11.48 | 1708380 | 50.0 |
| Naphthalene, 2-et... | 15.79 | 11.0 | ug/L | 374918 | 3 | 11.48 | 1708380 | 50.0 |
| Naphthalene, 2,6-... | 15.91 | 116.9 | ug/L | 3995500 | 3 | 11.48 | 1708380 | 50.0 |
| Naphthalene, 2,3-... | 16.05 | 123.5 | ug/L | 4221080 | 3 | 11.48 | 1708380 | 50.0 |
| Naphthalene, 2-et... | 16.19 | 40.5 | ug/L | 1382010 | 3 | 11.48 | 1708380 | 50.0 |
| Naphthalene, 1,4-... | 16.43 | 21.0 | ug/L | 718877 | 3 | 11.48 | 1708380 | 50.0 |
| Biphenylene | 16.52 | 102.0 | ug/L | 3483970 | 3 | 11.48 | 1708380 | 50.0 |
| Naphthalene, 1,6,... | 16.97 | 14.7 | ug/L | 500599 | 3 | 11.48 | 1708380 | 50.0 |
| Naphthalene, 1,4,... | 17.16 | 32.2 | ug/L | 1101500 | 3 | 11.48 | 1708380 | 50.0 |
| 1H-Phenalene | 17.52 | 23.8 | ug/L | 812243 | 3 | 11.48 | 1708380 | 50.0 |