LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

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_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

Signal : TIC: VV037082.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.169 | 33 | 40 | 50 | rBV | 33538 | 68095 | 0.82% | 0.047% |
| 2 | 1.275 | 66 | 73 | 89 | rBV | 187473 | 260563 | 3.15% | 0.179% |
| 3 | 1.420 | 106 | 118 | 119 | rBV5 | 21747 | 31331 | 0.38% | 0.021% |
| 4 | 1.497 | 138 | 142 | 150 | rVV | 66999 | 79102 | 0.96% | 0.054% |
| 5 | 2.034 | 299 | 309 | 329 | rVB | 489468 | 710820 | 8.59% | 0.487% |
| 6 | 2.375 | 406 | 415 | 425 | rVV2 | 21429 | 34499 | 0.42% | 0.024% |
| 7 | 2.552 | 460 | 470 | 483 | rVB3 | 9991 | 23041 | 0.28% | 0.016% |
| 8 | 3.609 | 789 | 799 | 817 | rBV3 | 111731 | 276846 | 3.35% | 0.190% |
| 9 | 3.802 | 843 | 859 | 892 | rVB | 116697 | 327833 | 3.96% | 0.225% |
| 10 | 4.236 | 974 | 994 | 1022 | rBV | 332097 | 838475 | 10.13% | 0.575% |
| 11 | 4.941 | 1199 | 1213 | 1248 | rBV2 | 847708 | 2074433 | 25.07% | 1.422% |
| 12 | 5.526 | 1382 | 1395 | 1421 | rBV | 802534 | 1646085 | 19.89% | 1.129% |
| 13 | 5.937 | 1514 | 1523 | 1526 | rBV2 | 79948 | 111106 | 1.34% | 0.076% |
| 14 | 5.982 | 1527 | 1537 | 1571 | rVB | 489647 | 1083601 | 13.09% | 0.743% |
| 15 | 6.908 | 1815 | 1825 | 1848 | rBV | 232582 | 438641 | 5.30% | 0.301% |
| 16 | 7.236 | 1916 | 1927 | 1959 | rBV | 932181 | 1653414 | 19.98% | 1.134% |
| 17 | 7.551 | 2013 | 2025 | 2046 | rBV | 147676 | 286532 | 3.46% | 0.196% |
| 18 | 8.030 | 2165 | 2174 | 2216 | rBV | 358676 | 814646 | 9.84% | 0.559% |
| 19 | 8.780 | 2396 | 2407 | 2432 | rBV | 1245836 | 2068427 | 25.00% | 1.418% |
| 20 | 9.509 | 2619 | 2634 | 2641 | rBV | 7681 | 18753 | 0.23% | 0.013% |
| 21 | 9.558 | 2642 | 2649 | 2657 | rBV2 | 9871 | 16364 | 0.20% | 0.011% |
| 22 | 9.644 | 2669 | 2676 | 2684 | rVB6 | 16363 | 25933 | 0.31% | 0.018% |
| 23 | 9.783 | 2712 | 2719 | 2727 | rVB3 | 16210 | 25078 | 0.30% | 0.017% |
| 24 | 9.834 | 2727 | 2735 | 2748 | rVB2 | 32936 | 55369 | 0.67% | 0.038% |
| 25 | 10.053 | 2798 | 2803 | 2815 | rVB2 | 14851 | 22565 | 0.27% | 0.015% |
| 26 | 10.149 | 2815 | 2833 | 2852 | rBV | 628233 | 1085373 | 13.12% | 0.744% |
| 27 | 10.384 | 2898 | 2906 | 2916 | rBV4 | 34587 | 63883 | 0.77% | 0.044% |
| 28 | 10.445 | 2917 | 2925 | 2932 | rBV3 | 80363 | 144149 | 1.74% | 0.099% |
| 29 | 10.513 | 2941 | 2946 | 2966 | rVB4 | 77331 | 156193 | 1.89% | 0.107% |
| 30 | 10.635 | 2976 | 2984 | 2992 | rBV2 | 66129 | 128644 | 1.55% | 0.088% |
| 31 | 10.815 | 3018 | 3040 | 3046 | rBV4 | 98294 | 197494 | 2.39% | 0.135% |
| 32 | 10.850 | 3046 | 3051 | 3061 | rVB | 51024 | 81230 | 0.98% | 0.056% |
| 33 | 10.969 | 3079 | 3088 | 3094 | rBV7 | 56056 | 107417 | 1.30% | 0.074% |
| 34 | 11.024 | 3097 | 3105 | 3116 | rVB6 | 105054 | 209826 | 2.54% | 0.144% |
| 35 | 11.085 | 3119 | 3124 | 3130 | rVV4 | 37647 | 51551 | 0.62% | 0.035% |
| 36 | 11.181 | 3143 | 3154 | 3166 | rBV | 1533840 | 2359700 | 28.52% | 1.618% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

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_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.271 | 3175 | 3182 | 3189 | rBV | 102480 | 139967 | 1.69% | 0.096% |
| 38 | 11.310 | 3190 | 3194 | 3200 | rVB2 | 40161 | 42927 | 0.52% | 0.029% |
| 39 | 11.400 | 3216 | 3222 | 3231 | rVB5 | 80097 | 113073 | 1.37% | 0.078% |
| 40 | 11.468 | 3232 | 3243 | 3262 | rBV | 4489205 | 7472224 | 90.30% | 5.124% |
| 41 | 11.558 | 3262 | 3271 | 3291 | rVB2 | 1251631 | 2465538 | 29.79% | 1.691% |
| 42 | 11.725 | 3315 | 3323 | 3353 | rVB3 | 414375 | 1086424 | 13.13% | 0.745% |
| 43 | 11.873 | 3353 | 3369 | 3378 | rBV3 | 323518 | 876197 | 10.59% | 0.601% |
| 44 | 11.950 | 3388 | 3393 | 3415 | rVB | 293321 | 509150 | 6.15% | 0.349% |
| 45 | 12.056 | 3417 | 3426 | 3435 | rBV5 | 249036 | 552996 | 6.68% | 0.379% |
| 46 | 12.194 | 3458 | 3469 | 3477 | rBV8 | 295469 | 574227 | 6.94% | 0.394% |
| 47 | 12.304 | 3494 | 3503 | 3509 | rBV3 | 298389 | 537116 | 6.49% | 0.368% |
| 48 | 12.345 | 3510 | 3516 | 3524 | rVB3 | 402953 | 612911 | 7.41% | 0.420% |
| 49 | 12.400 | 3525 | 3533 | 3541 | rBV | 1021231 | 1457738 | 17.62% | 1.000% |
| 50 | 12.484 | 3552 | 3559 | 3565 | rBV | 337652 | 481103 | 5.81% | 0.330% |
| 51 | 12.522 | 3565 | 3571 | 3576 | rBV2 | 346777 | 460294 | 5.56% | 0.316% |
| 52 | 12.660 | 3608 | 3614 | 3627 | rVB4 | 561993 | 911733 | 11.02% | 0.625% |
| 53 | 12.728 | 3628 | 3635 | 3643 | rBV4 | 388286 | 591762 | 7.15% | 0.406% |
| 54 | 12.786 | 3644 | 3653 | 3654 | rBV3 | 481277 | 599685 | 7.25% | 0.411% |
| 55 | 12.818 | 3655 | 3663 | 3680 | rVB3 | 1776311 | 3452737 | 41.72% | 2.368% |
| 56 | 12.934 | 3692 | 3699 | 3705 | rBV | 565694 | 782373 | 9.45% | 0.536% |
| 57 | 12.976 | 3706 | 3712 | 3723 | rVV4 | 467945 | 968853 | 11.71% | 0.664% |
| 58 | 13.098 | 3744 | 3750 | 3758 | rVB2 | 503398 | 653359 | 7.90% | 0.448% |
| 59 | 13.149 | 3758 | 3766 | 3773 | rVB | 780048 | 1105673 | 13.36% | 0.758% |
| 60 | 13.204 | 3773 | 3783 | 3789 | rBV2 | 2144262 | 3487277 | 42.14% | 2.391% |
| 61 | 13.268 | 3799 | 3803 | 3808 | rBV | 358451 | 354695 | 4.29% | 0.243% |
| 62 | 13.300 | 3809 | 3813 | 3818 | rVB | 549345 | 540812 | 6.54% | 0.371% |
| 63 | 13.339 | 3819 | 3825 | 3827 | rBV | 570974 | 660325 | 7.98% | 0.453% |
| 64 | 13.480 | 3862 | 3869 | 3880 | rVB5 | 610333 | 1039978 | 12.57% | 0.713% |
| 65 | 13.551 | 3881 | 3891 | 3897 | rBV6 | 1615803 | 2899024 | 35.03% | 1.988% |
| 66 | 13.586 | 3898 | 3902 | 3911 | rVB3 | 1071844 | 1352465 | 16.34% | 0.927% |
| 67 | 13.644 | 3912 | 3920 | 3927 | rBV5 | 1161573 | 2287123 | 27.64% | 1.568% |
| 68 | 13.689 | 3928 | 3934 | 3944 | rVB7 | 1425799 | 2730927 | 33.00% | 1.873% |
| 69 | 13.754 | 3945 | 3954 | 3963 | rBV3 | 3942117 | 6181851 | 74.70% | 4.239% |
| 70 | 13.840 | 3972 | 3981 | 3996 | rVB4 | 2763734 | 5095492 | 61.58% | 3.494% |
| 71 | 14.024 | 4029 | 4038 | 4053 | rBV5 | 3156544 | 7137015 | 86.25% | 4.894% |
| 72 | 14.133 | 4066 | 4072 | 4077 | rBV3 | 633796 | 820238 | 9.91% | 0.562% |
| 73 | 14.168 | 4077 | 4083 | 4090 | rVV2 | 1503491 | 2046444 | 24.73% | 1.403% |
| 74 | 14.223 | 4091 | 4100 | 4113 | rVB8 | 2450523 | 6514569 | 78.73% | 4.467% |
| 75 | 14.294 | 4114 | 4122 | 4130 | rBV4 | 1149542 | 1936126 | 23.40% | 1.328% |
| 76 | 14.355 | 4134 | 4141 | 4146 | rBV4 | 1545479 | 2583027 | 31.21% | 1.771% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

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_V\Method\SFAMVLM082624WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.699 | 4242 | 4248 | 4254 | rBV2 | 1130388 | 1624923 | 19.64% | 1.114% |
| 78 | 14.747 | 4255 | 4263 | 4272 | rVB2 | 3017593 | 4734158 | 57.21% | 3.246% |
| 79 | 15.107 | 4368 | 4375 | 4393 | rVB2 | 505180 | 1233781 | 14.91% | 0.846% |
| 80 | 15.271 | 4421 | 4426 | 4443 | rVB2 | 1178507 | 2262507 | 27.34% | 1.551% |
| 81 | 15.352 | 4444 | 4451 | 4460 | rVV5 | 871113 | 1280738 | 15.48% | 0.878% |
| 82 | 15.487 | 4487 | 4493 | 4499 | rBV3 | 896112 | 1411789 | 17.06% | 0.968% |
| 83 | 15.596 | 4516 | 4527 | 4545 | rBV2 | 3758560 | 8275044 | 100.00% | 5.674% |
| 84 | 15.744 | 4564 | 4573 | 4579 | rBV | 5007093 | 7718686 | 93.28% | 5.293% |
| 85 | 15.779 | 4579 | 4584 | 4601 | rVB3 | 3817879 | 6223582 | 75.21% | 4.268% |
| 86 | 15.940 | 4626 | 4634 | 4639 | rBV | 953210 | 1547035 | 18.70% | 1.061% |
| 87 | 16.110 | 4682 | 4687 | 4696 | rVB | 571003 | 713074 | 8.62% | 0.489% |
| 88 | 16.303 | 4736 | 4747 | 4762 | rVB2 | 410557 | 1096180 | 13.25% | 0.752% |
| 89 | 16.400 | 4764 | 4777 | 4785 | rVV6 | 678171 | 1579733 | 19.09% | 1.083% |
| 90 | 16.448 | 4785 | 4792 | 4805 | rVV | 1162818 | 2444818 | 29.54% | 1.676% |
| 91 | 16.506 | 4806 | 4810 | 4817 | rVV | 700267 | 912864 | 11.03% | 0.626% |
| 92 | 16.551 | 4818 | 4824 | 4835 | rVV3 | 609812 | 976329 | 11.80% | 0.669% |
| 93 | 16.622 | 4839 | 4846 | 4848 | rVV | 511539 | 675002 | 8.16% | 0.463% |
| 94 | 16.651 | 4849 | 4855 | 4863 | rVV | 1456214 | 2356097 | 28.47% | 1.616% |
| 95 | 16.699 | 4863 | 4870 | 4893 | rVB | 1175881 | 2263167 | 27.35% | 1.552% |
| 96 | 16.844 | 4908 | 4915 | 4926 | rVB | 942982 | 1363693 | 16.48% | 0.935% |
| 97 | 16.905 | 4927 | 4934 | 4946 | rVB | 568898 | 910609 | 11.00% | 0.624% |
| 98 | 17.043 | 4971 | 4977 | 5010 | rVB6 | 573464 | 1446963 | 17.49% | 0.992% |
| 99 | 17.184 | 5013 | 5021 | 5027 | rBV6 | 243921 | 430100 | 5.20% | 0.295% |
| 100 | 17.390 | 5077 | 5085 | 5099 | rBV3 | 278794 | 661825 | 8.00% | 0.454% |

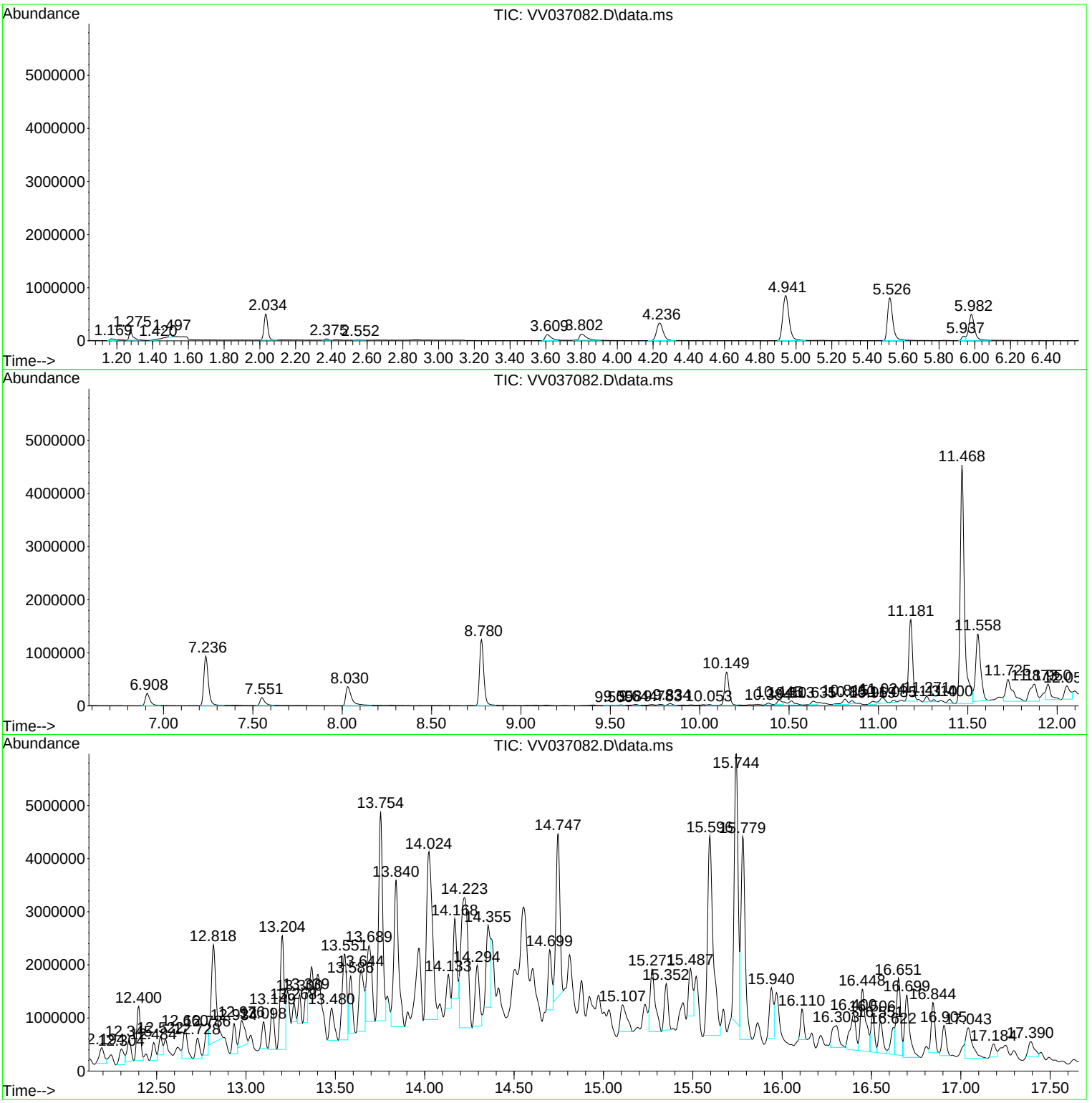
Sum of corrected areas: 145835157

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

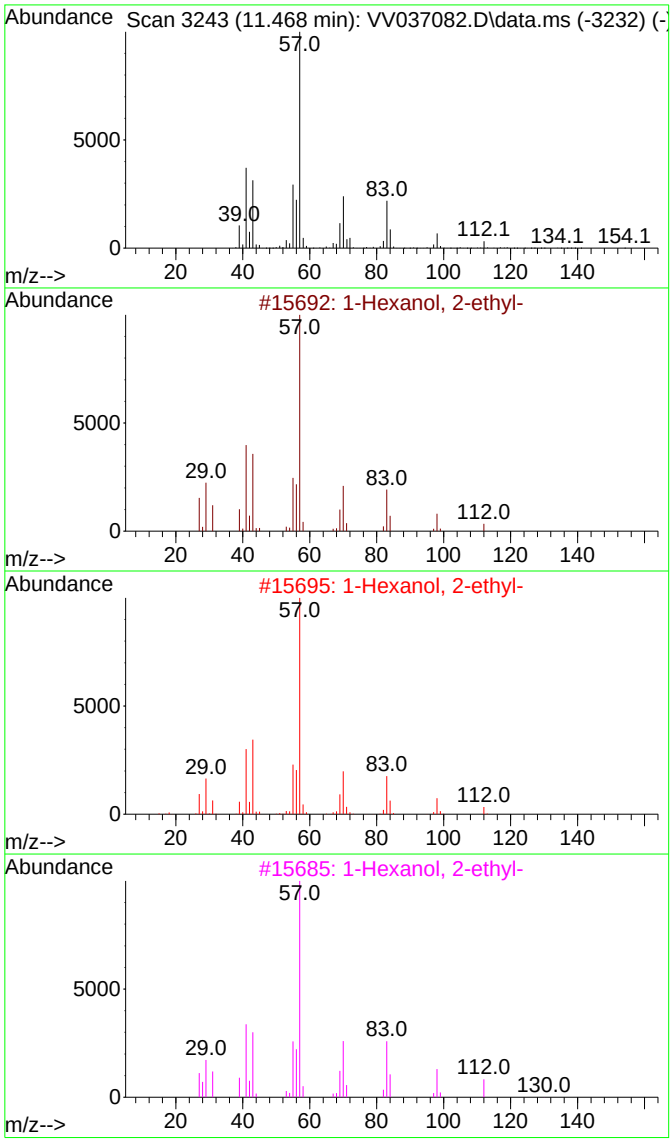
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

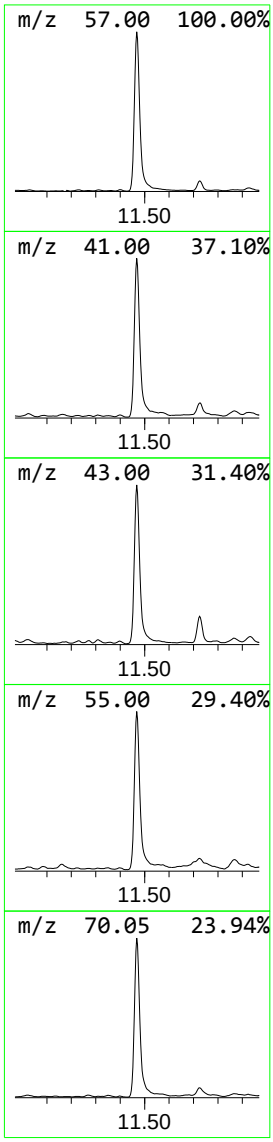
**********

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.468 | 158.33 ug/L | 7472220 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 90 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 3 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 72 |
| 5 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

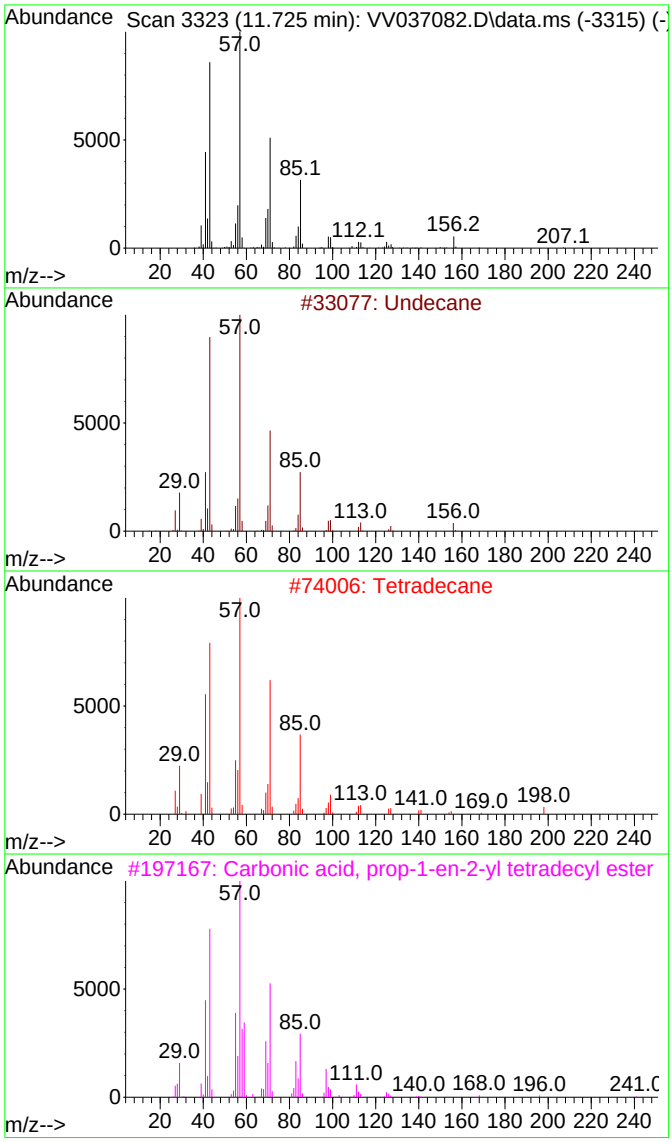
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

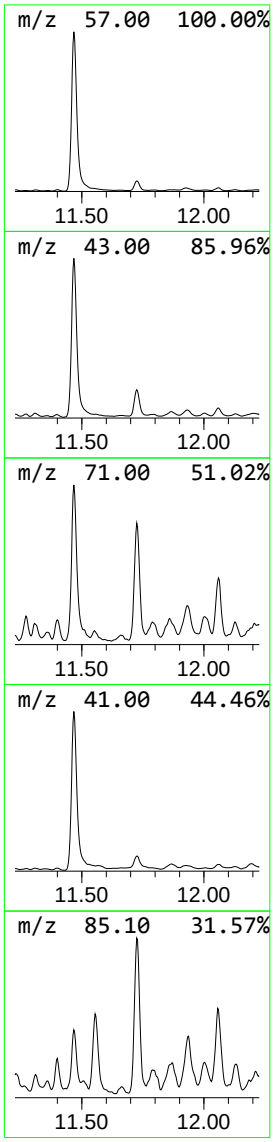
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.725 | 23.02 ug/L | 1086420 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 90 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 86 |
| 4 | Undecane | 156 | C11H24 | 001120-21-4 | 81 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

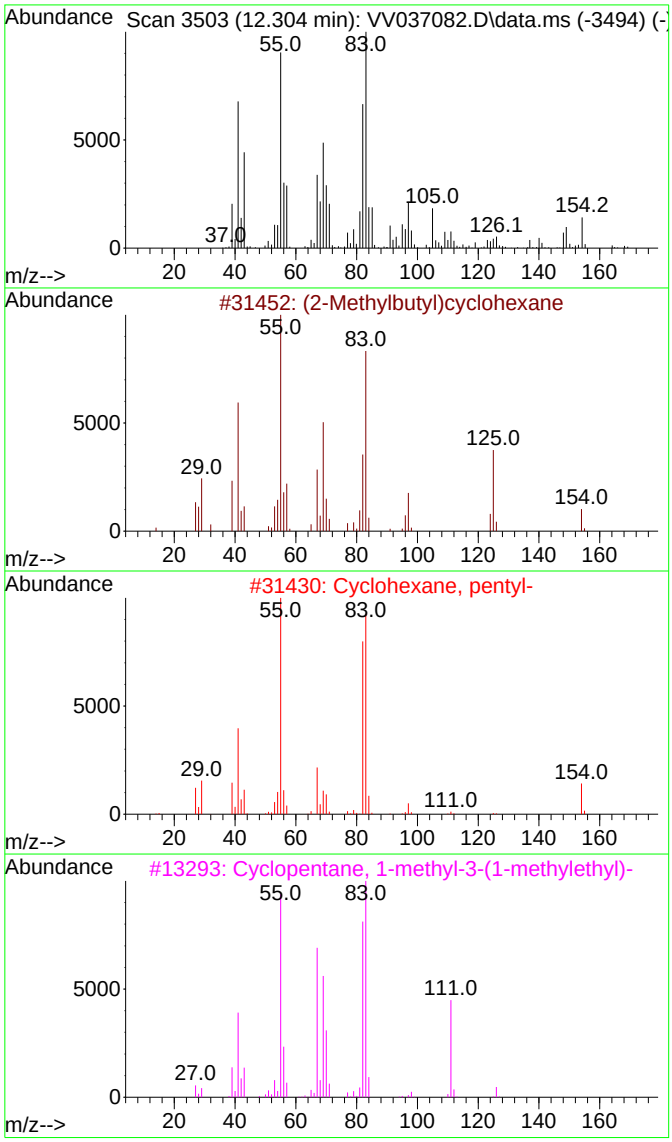
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

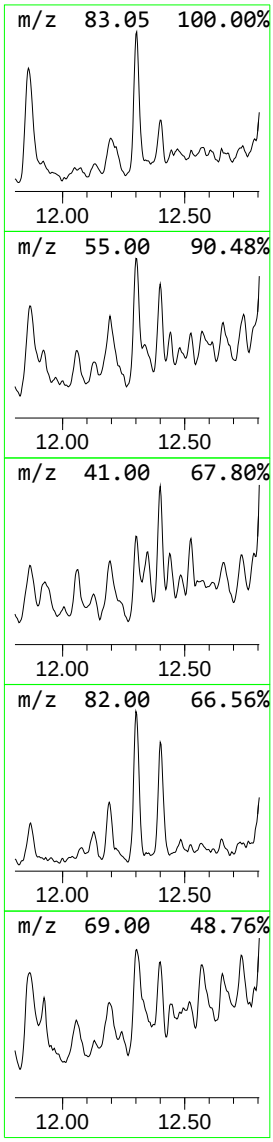
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Cyclic12.304 Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.304 | 11.38 ug/L | 537116 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (2-Methylbutyl)cyclohexane | 154 | C11H22 | 054105-77-0 | 58 |
| 2 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 49 |
| 3 | Cyclopentane, 1-methyl-3-(1-meth... | 126 | C9H18 | 053771-88-3 | 49 |
| 4 | Cyclohexane, (1-ethylpropyl)- | 154 | C11H22 | 026321-98-2 | 49 |
| 5 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

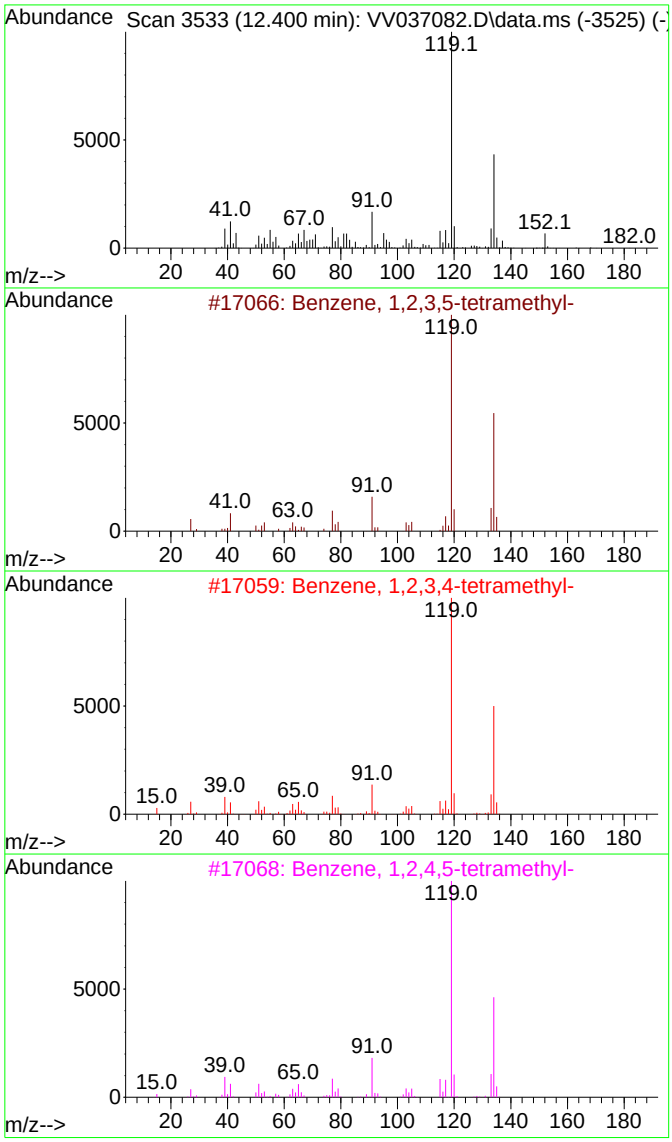
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

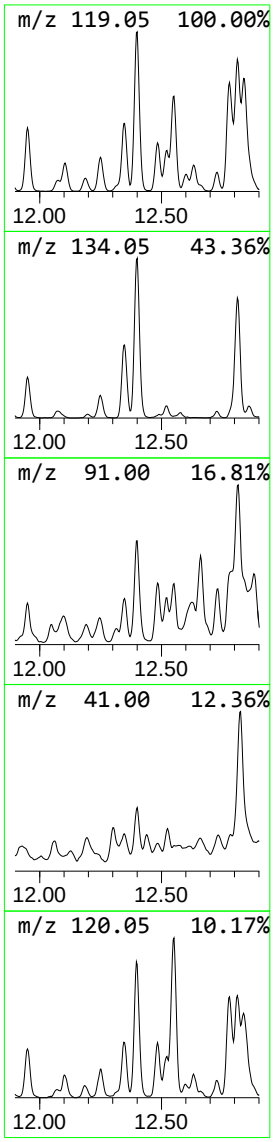
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.400 | 30.89 ug/L | 1457740 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

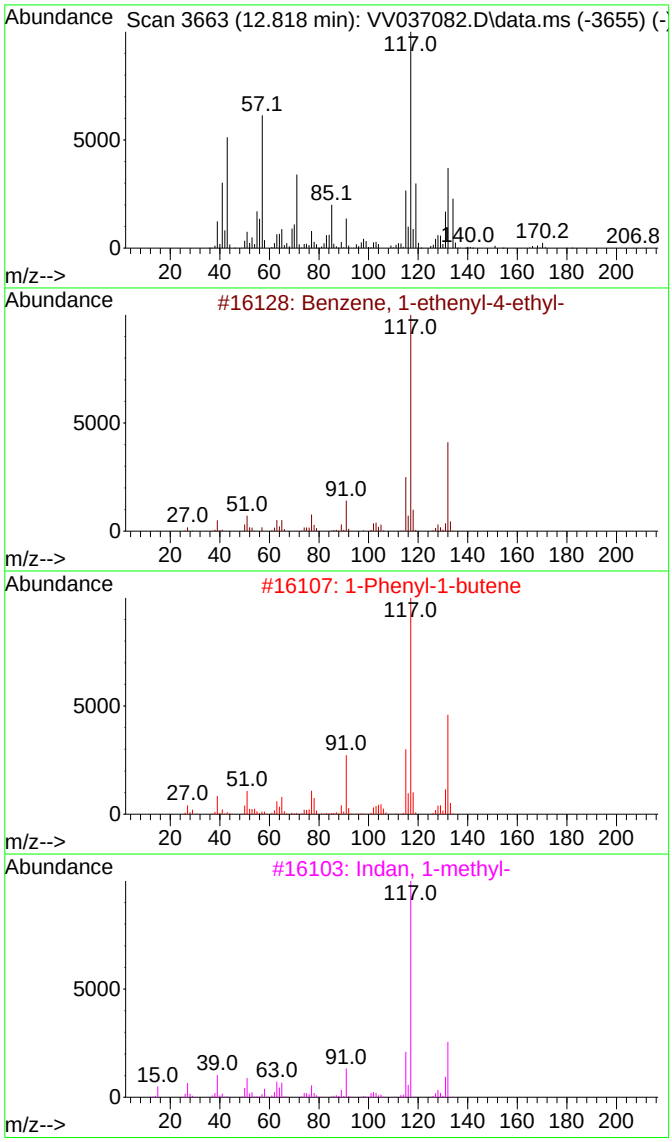
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

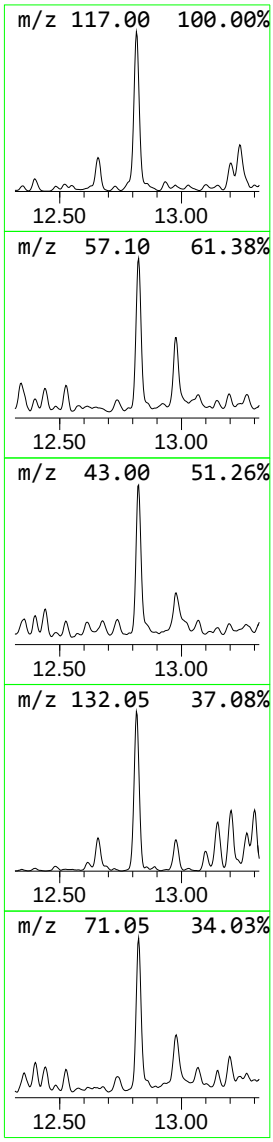
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.818 | 73.16 ug/L | 3452740 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 90 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 78 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 60 |
| 4 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 55 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

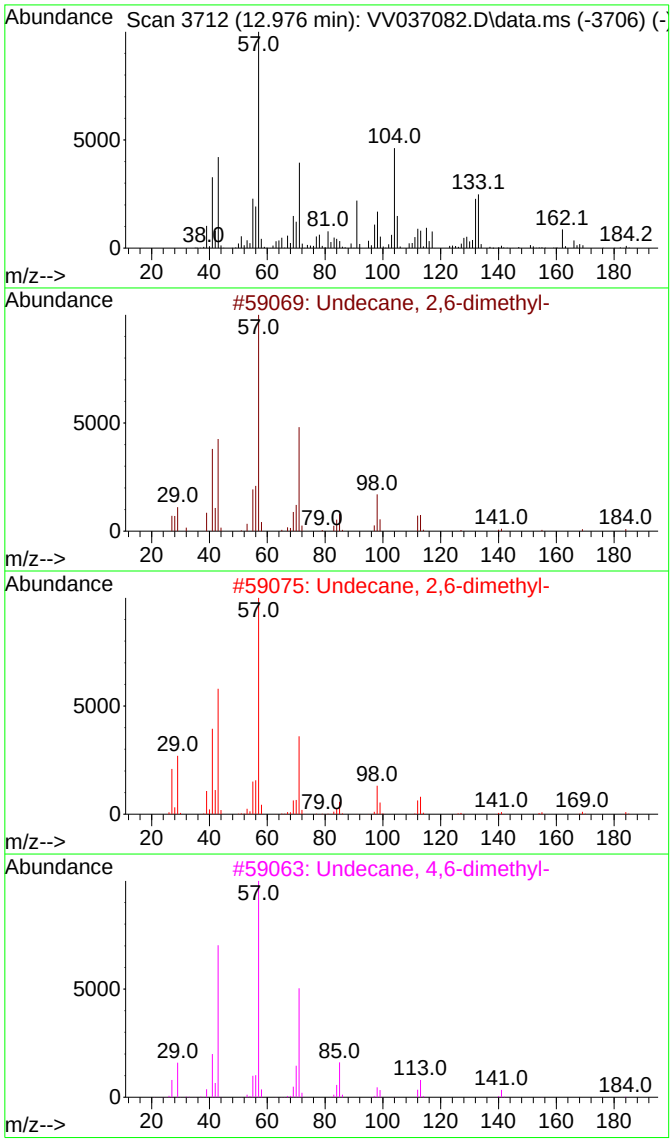
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

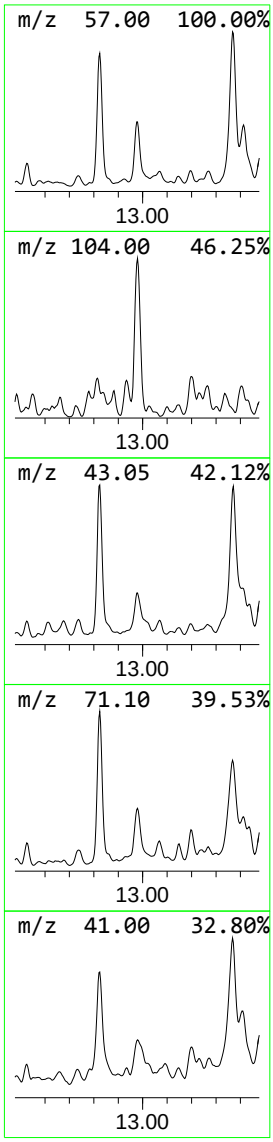
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.976 | 20.53 ug/L | 968853 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 64 |
| 2 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 50 |
| 3 | Undecane, 4,6-dimethyl- | 184 | C13H28 | 017312-82-2 | 30 |
| 4 | Carbonic acid, 2-ethylhexyl unde... | 328 | C20H40O3 | 1000383-13-8 | 27 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

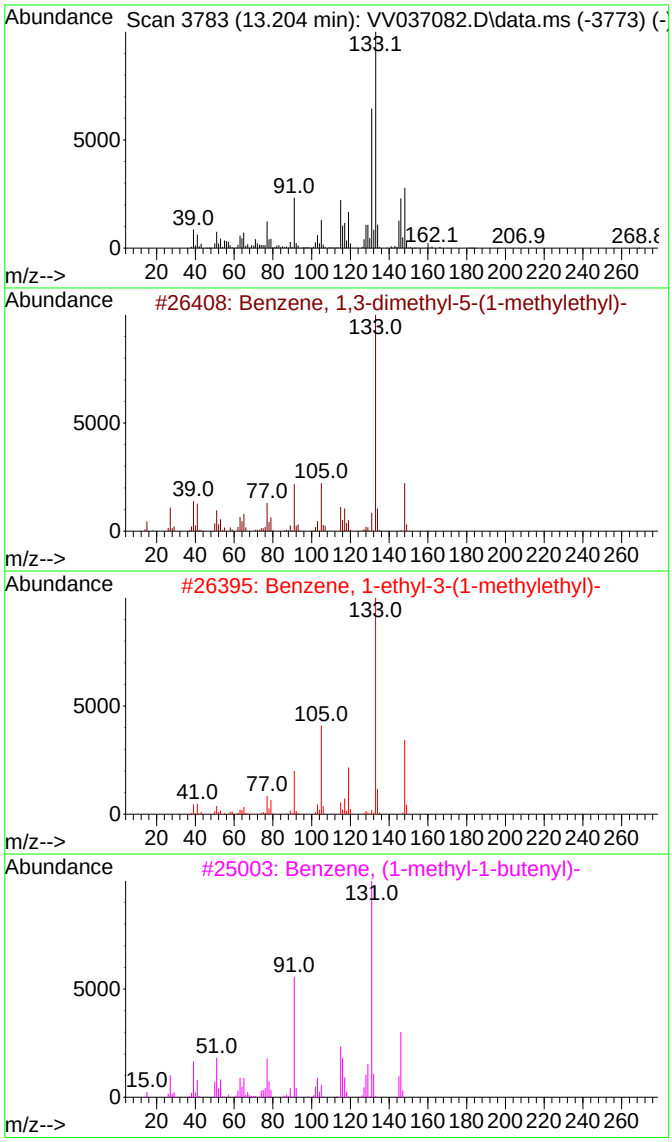
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

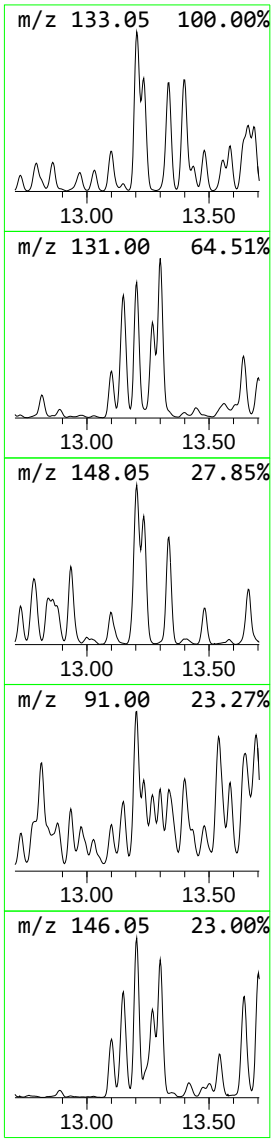
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.204 | 73.89 ug/L | 3487280 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 53 |
| 2 | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16 | 004920-99-4 | 53 |
| 3 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 49 |
| 4 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 49 |
| 5 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

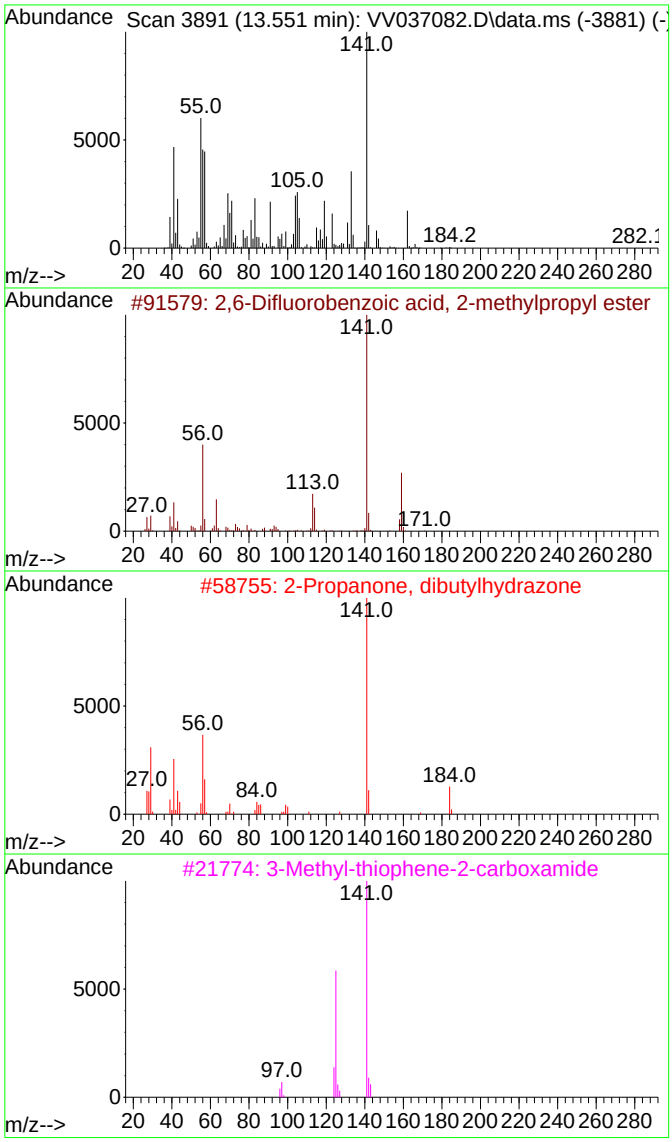
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

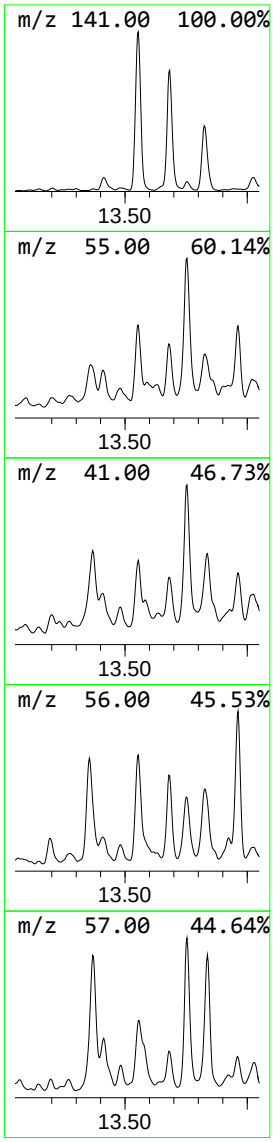
**********

Peak Number 30 unknown-01 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.551 | 61.43 ug/L | 2899020 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6-Difluorobenzoic acid, 2-meth... | 214 | C11H12F2O2 | 1000293-47-5 | 37 |
| 2 | 2-Propanone, dibutylhydrazone | 184 | C11H24N2 | 067660-52-0 | 37 |
| 3 | 3-Methyl-thiophene-2-carboxamide | 141 | C6H7NOS | 076655-99-7 | 35 |
| 4 | 4-Amino-5-methyl-2(1H)-pyrimidin... | 141 | C5H7N3S | 007390-56-9 | 30 |
| 5 | Tenuazonic acid | 197 | C10H15NO3 | 000610-88-8 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

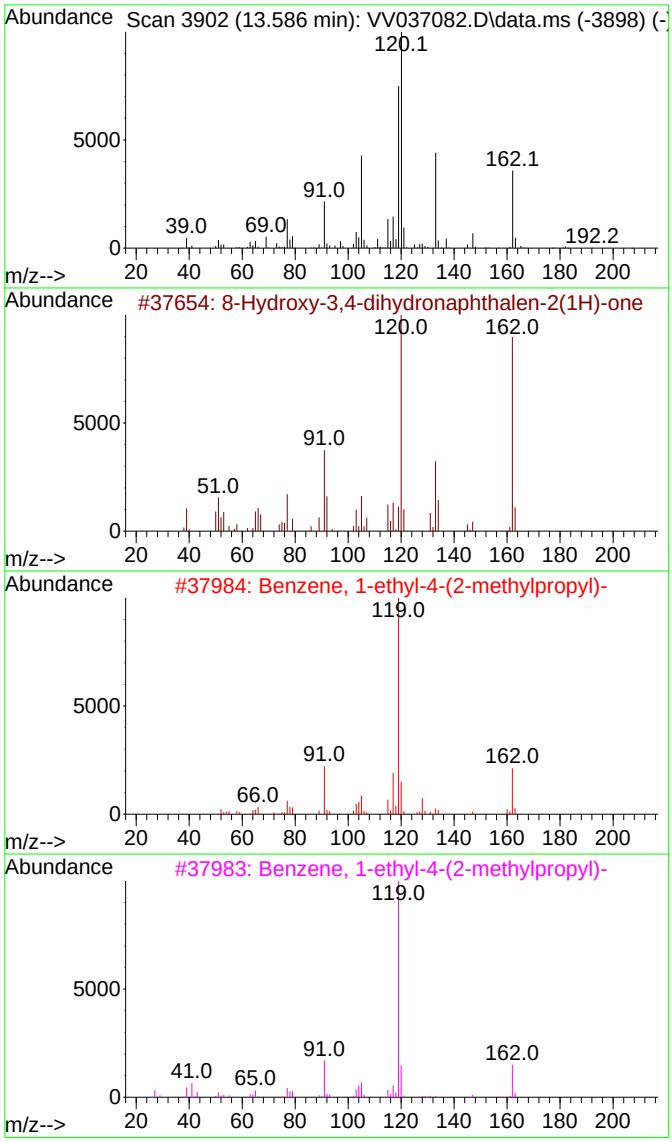
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

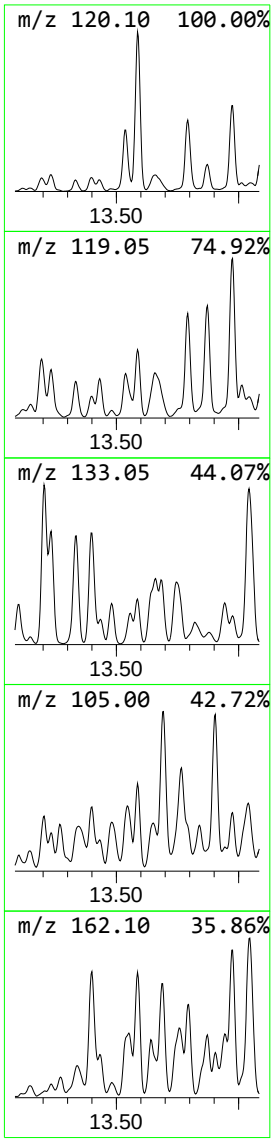
**********

Peak Number 31 unknown-02 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.586 | 28.66 ug/L | 1352470 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 8-Hydroxy-3,4-dihydronaphthalen-... | 162 | C10H10O2 | 053568-05-1 | 47 |
| 2 | Benzene, 1-ethyl-4-(2-methylprop... | 162 | C12H18 | 100319-40-2 | 38 |
| 3 | Benzene, 1-ethyl-4-(2-methylprop... | 162 | C12H18 | 100319-40-2 | 38 |
| 4 | 8,9-Dehydrothymol methyl ether | 162 | C11H14O | 039701-08-1 | 38 |
| 5 | Piperazine, 1-phenyl- | 162 | C10H14N2 | 000092-54-6 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

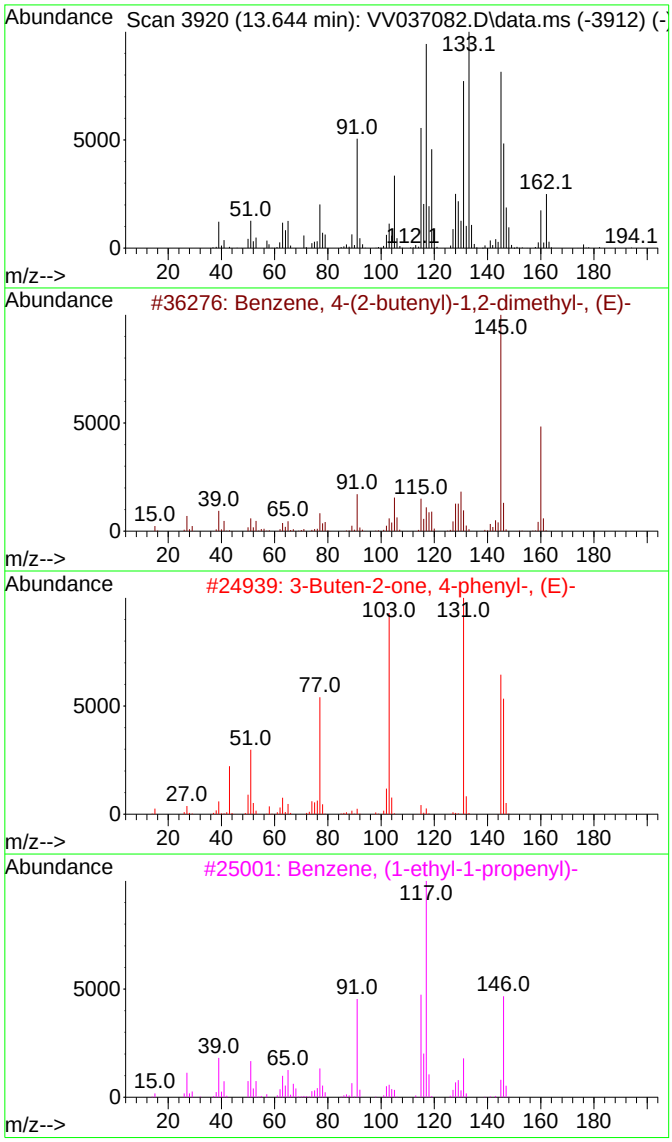
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

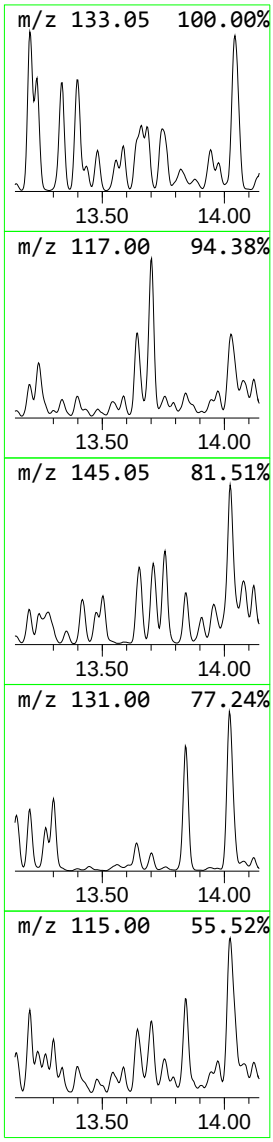
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 unknown-03 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.644 | 48.46 ug/L | 2287120 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 42 |
| 2 | 3-Buten-2-one, 4-phenyl-, (E)- | 146 | C10H10O | 001896-62-4 | 38 |
| 3 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 35 |
| 4 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 35 |
| 5 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

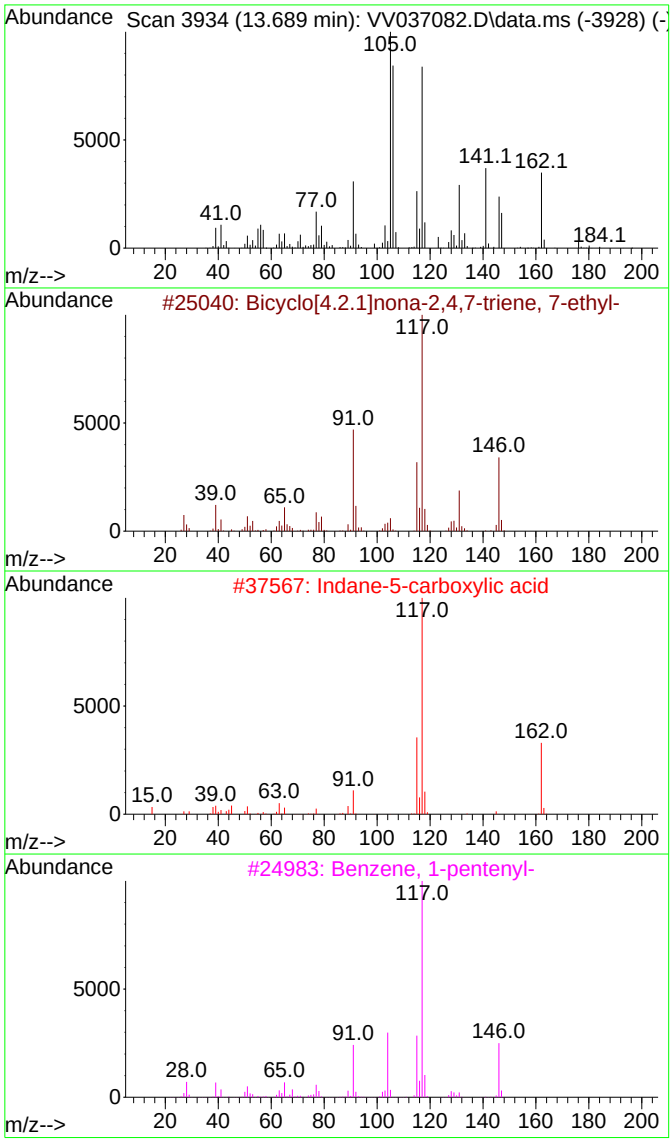
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

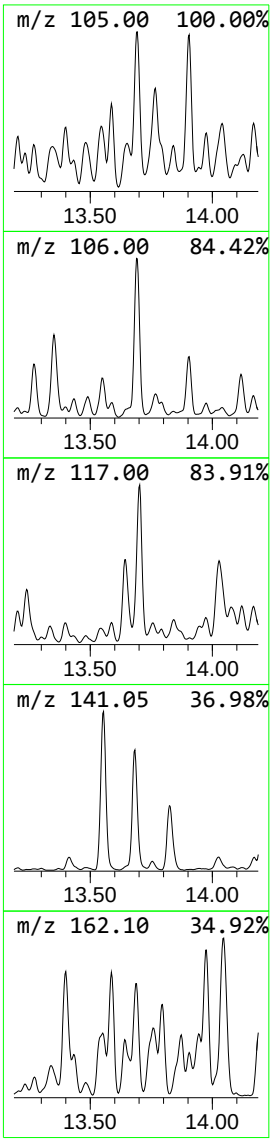
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.689 | 57.87 ug/L | 2730930 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[4.2.1]nona-2,4,7-triene,... | 146 | C11H14 | 1000164-42-6 | 50 |
| 2 | Indane-5-carboxylic acid | 162 | C10H10O2 | 065898-38-6 | 46 |
| 3 | Benzene, 1-pentenyl- | 146 | C11H14 | 000826-18-6 | 43 |
| 4 | Benzene, (1-ethyl-2-propenyl)- | 146 | C11H14 | 019947-22-9 | 43 |
| 5 | Indane-5-carboxylic acid | 162 | C10H10O2 | 065898-38-6 | 41 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

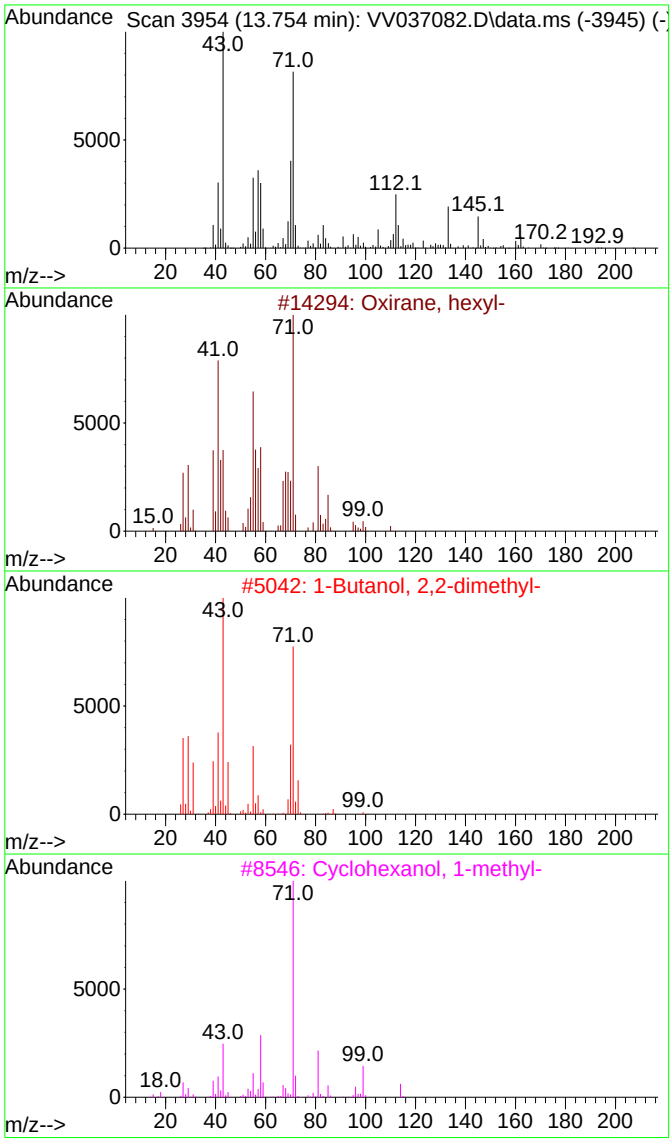
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

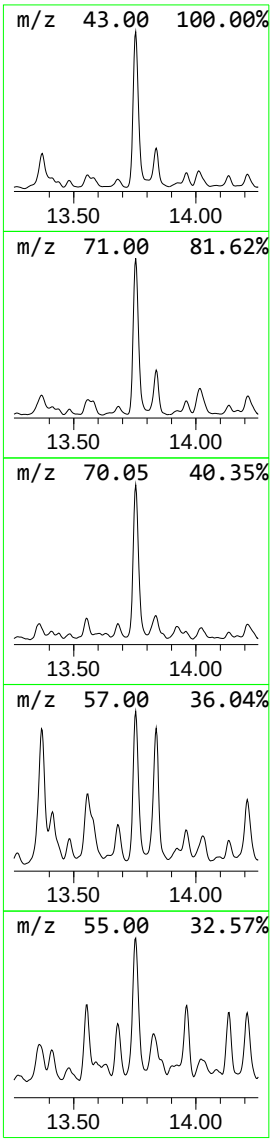
**********

Peak Number 34 unknown-04 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.754 | 130.99 ug/L | 6181850 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, hexyl- | 128 | C8H16O | 002984-50-1 | 43 |
| 2 | 1-Butanol, 2,2-dimethyl- | 102 | C6H14O | 001185-33-7 | 43 |
| 3 | Cyclohexanol, 1-methyl- | 114 | C7H14O | 000590-67-0 | 38 |
| 4 | 4-Methyl-3-heptanol, heptafluoro... | 326 | C12H17F7O2 | 1000365-51-5 | 38 |
| 5 | 1-Methylcycloheptanol | 128 | C8H16O | 003761-94-2 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

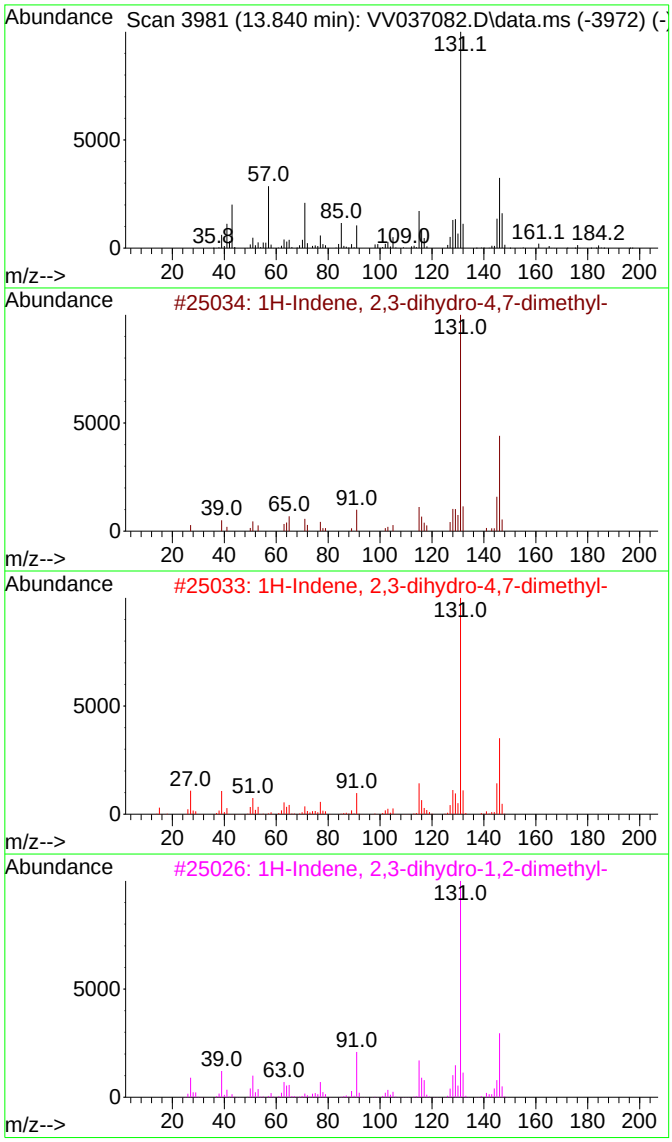
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

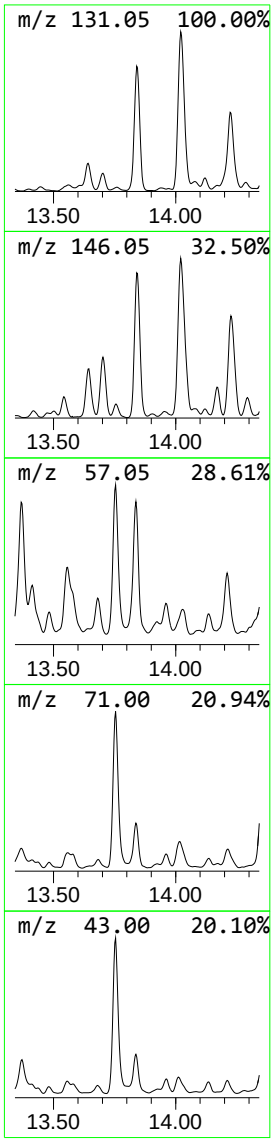
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.841 | 107.97 ug/L | 5095490 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 96 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 81 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 76 |
| 5 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

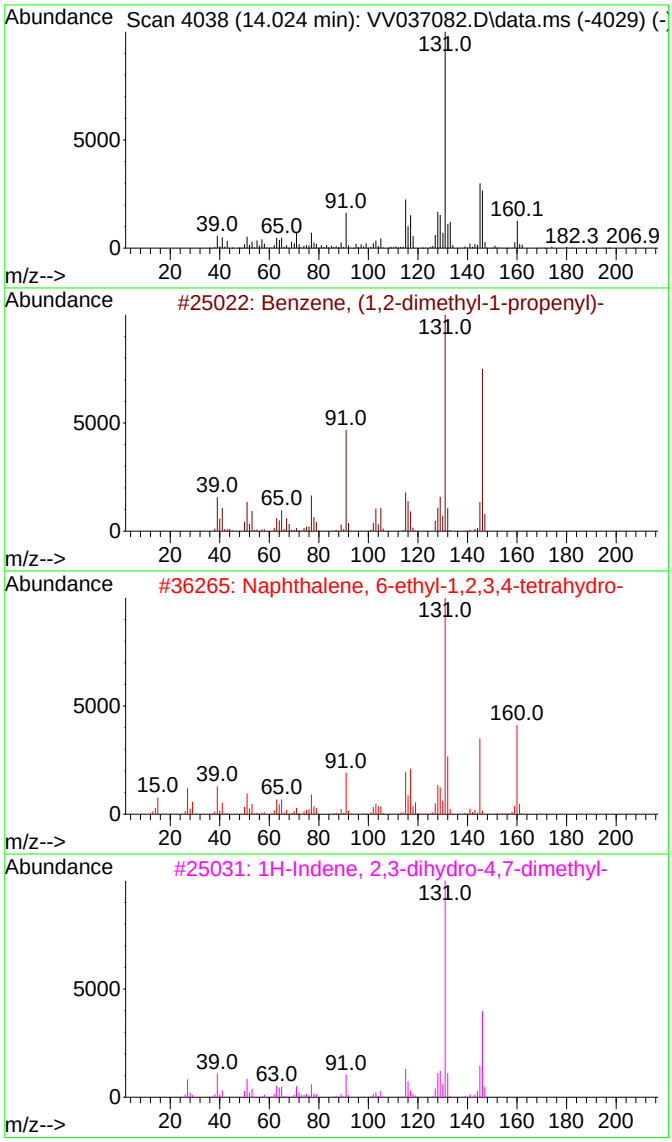
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

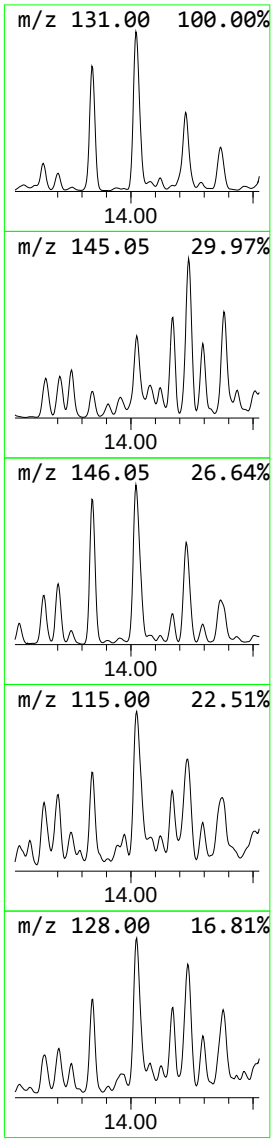
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.024 | 151.23 ug/L | 7137020 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 93 |
| 2 | Naphthalene, 6-ethyl-1,2,3,4-tet... | 160 | C12H16 | 022531-20-0 | 89 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 76 |
| 4 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 76 |
| 5 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

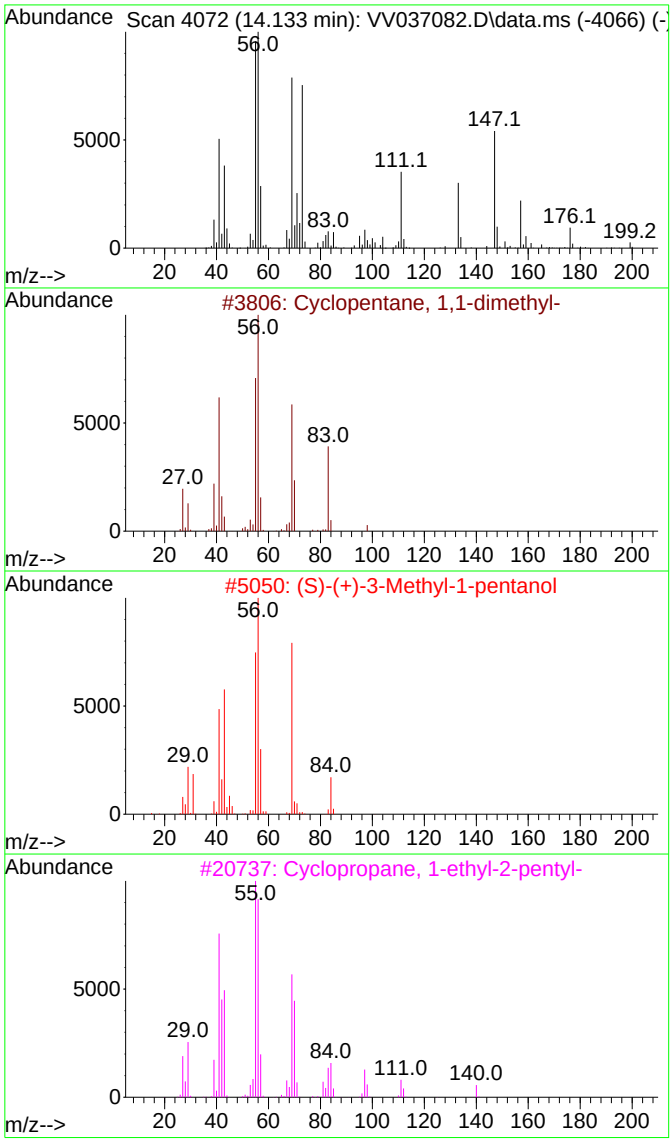
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

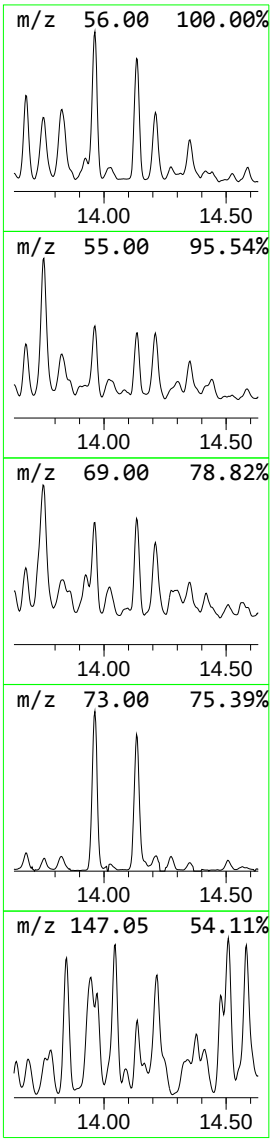
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 (DEL) Alkane: Cyclic14.133 Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.133 | 17.38 ug/L | 820238 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 38 |
| 2 | (S)-(+)-3-Methyl-1-pentanol | 102 | C6H14O | 042072-39-9 | 38 |
| 3 | Cyclopropane, 1-ethyl-2-pentyl- | 140 | C10H20 | 062238-08-8 | 38 |
| 4 | Undecanol-4 | 172 | C11H24O | 004272-06-4 | 27 |
| 5 | 2-n-Propylthiane, S,S-dioxide | 176 | C8H16O2S | 072385-41-2 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

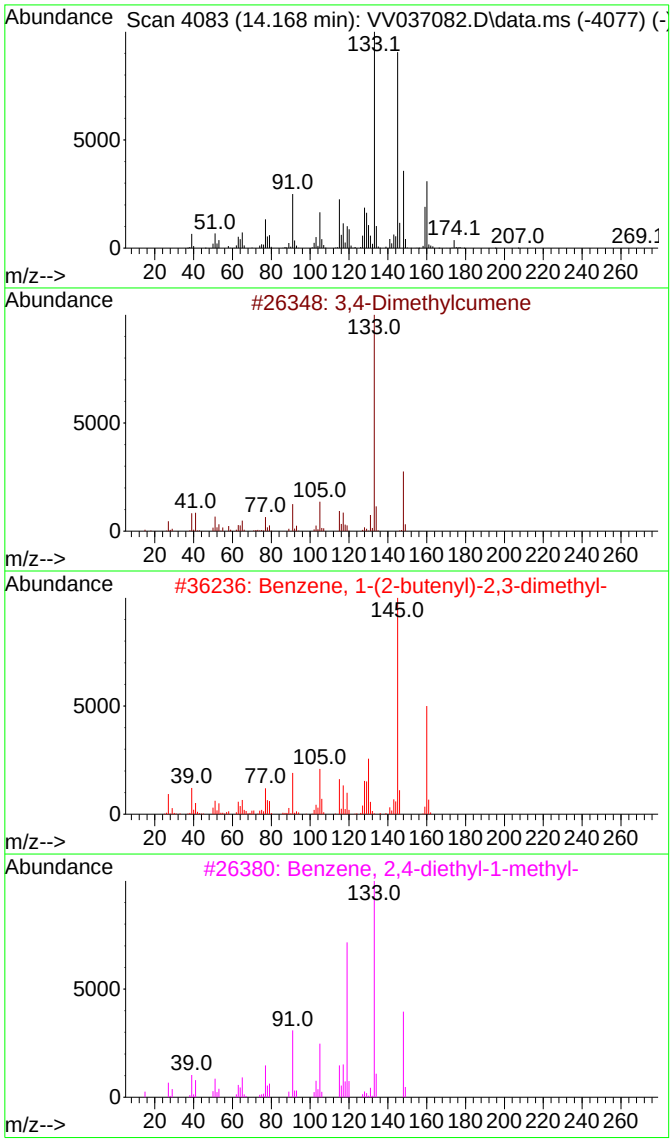
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

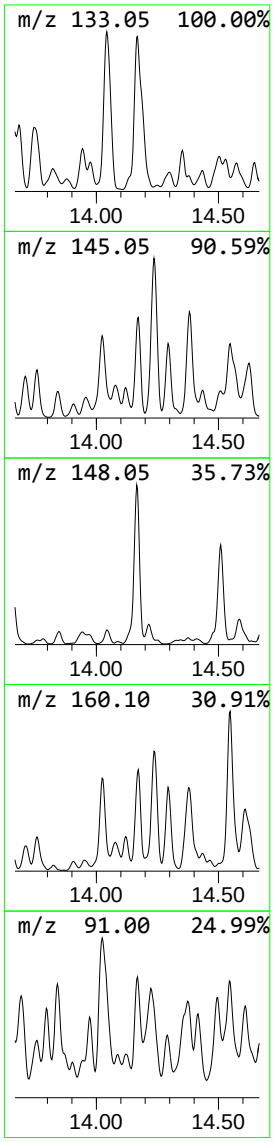
**********

Peak Number 38 3,4-Dimethylcumene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.168 | 43.36 ug/L | 2046440 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 80 |
| 2 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 64 |
| 3 | Benzene, 2,4-diethyl-1-methyl- | 148 | C11H16 | 001758-85-6 | 55 |
| 4 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 55 |
| 5 | 1H-Indene, 2,3-dihydro-4,5,7-tri... | 160 | C12H16 | 006682-06-0 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

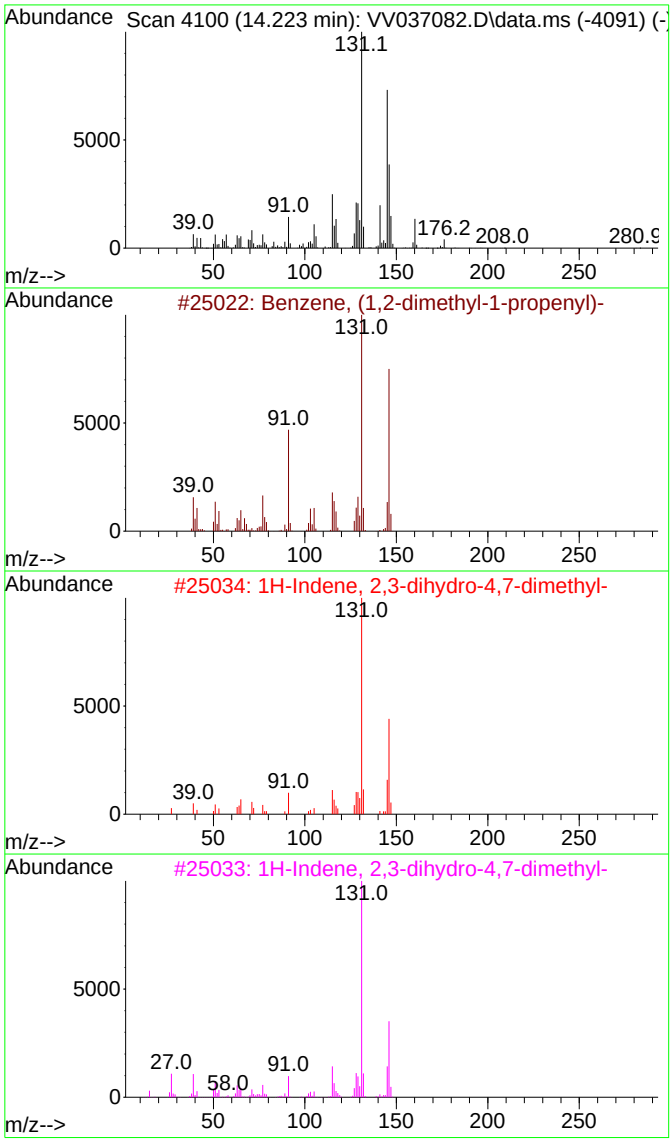
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

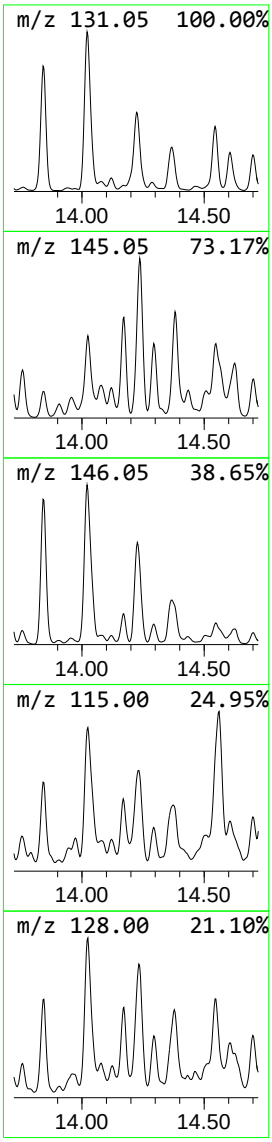
**********

Peak Number 39 unknown-05 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.223 | 138.04 ug/L | 6514570 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 60 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 49 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 46 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 46 |
| 5 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

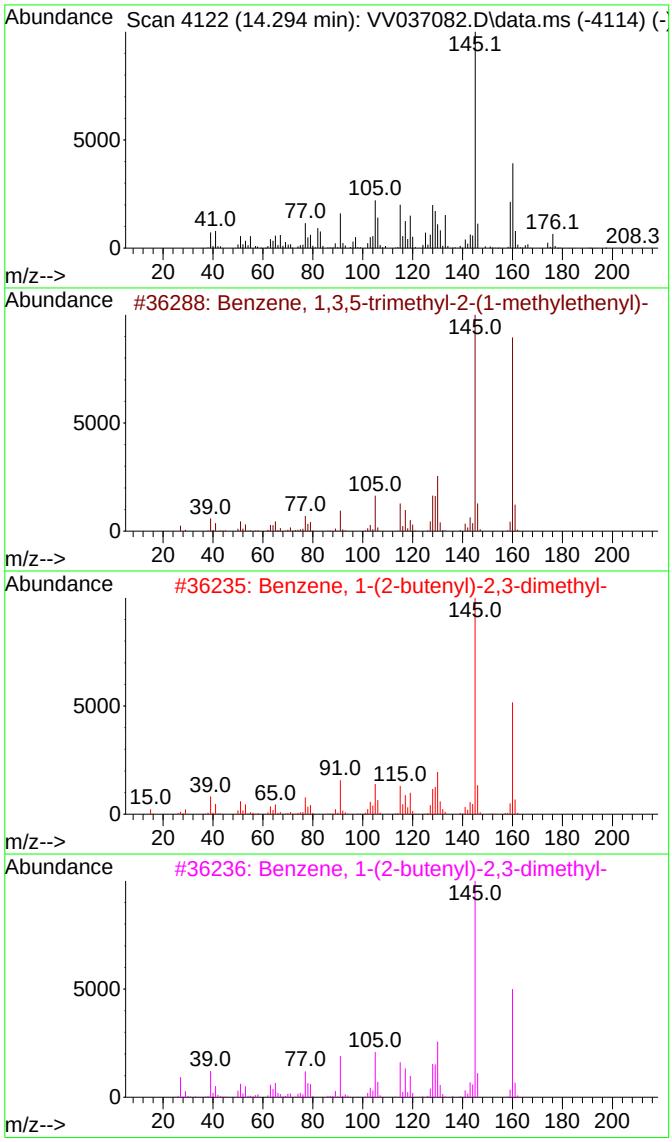
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

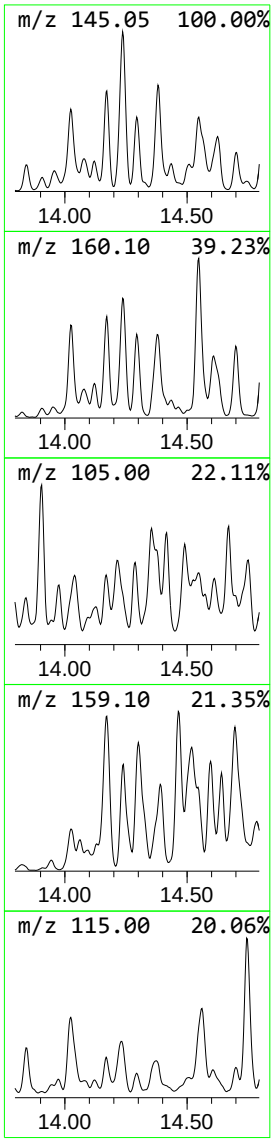
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.294 | 41.02 ug/L | 1936130 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 90 |
| 2 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 90 |
| 3 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 89 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 81 |
| 5 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

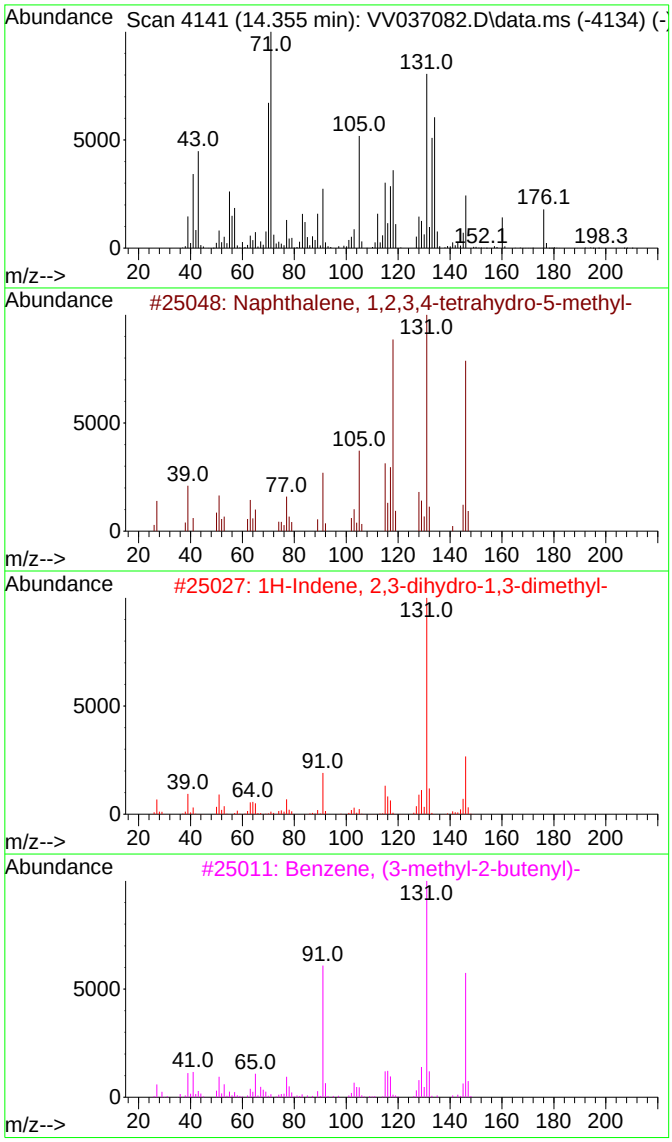
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

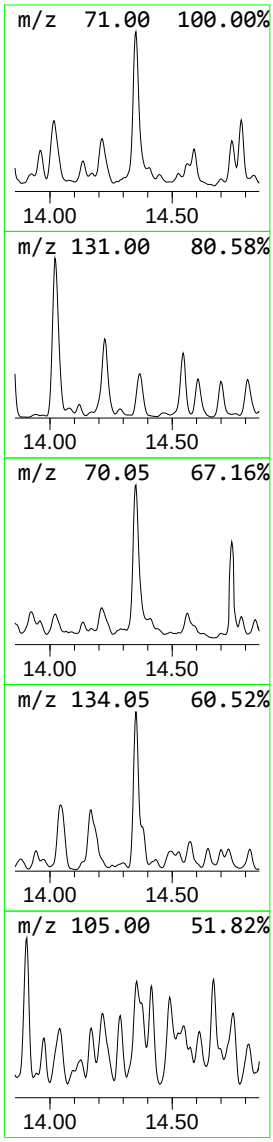
**********

Peak Number 41 unknown-06 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.355 | 54.73 ug/L | 2583030 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 48 |
| 2 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 35 |
| 3 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 35 |
| 4 | Benzene, (1,1-dimethyl-2-propenyl)- | 146 | C11H14 | 018321-36-3 | 35 |
| 5 | Naphthalene, 5-ethyl-1,2,3,4-tet... | 160 | C12H16 | 042775-75-7 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

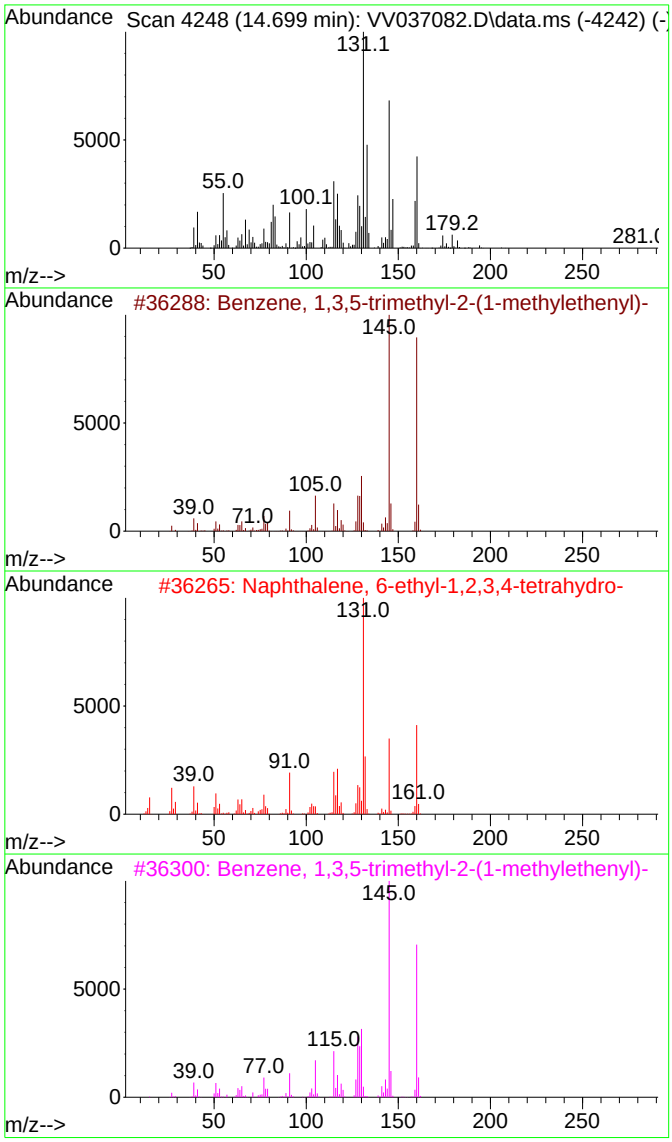
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

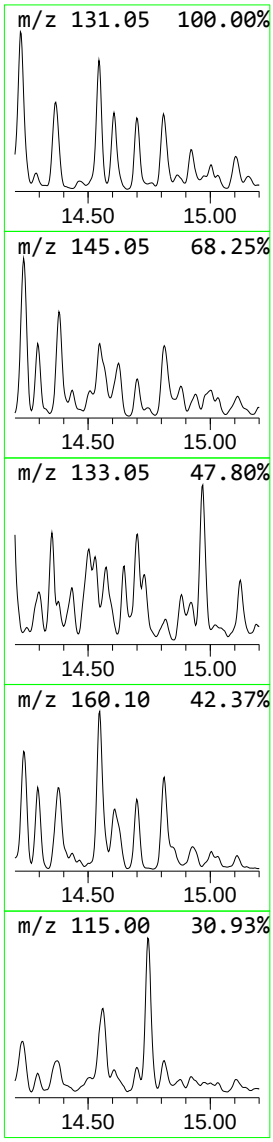
**********

Peak Number 42 unknown-07 Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.699 | 34.43 ug/L | 1624920 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 56 |
| 2 | Naphthalene, 6-ethyl-1,2,3,4-tet... | 160 | C12H16 | 022531-20-0 | 49 |
| 3 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 41 |
| 4 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 38 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021564-91-0 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

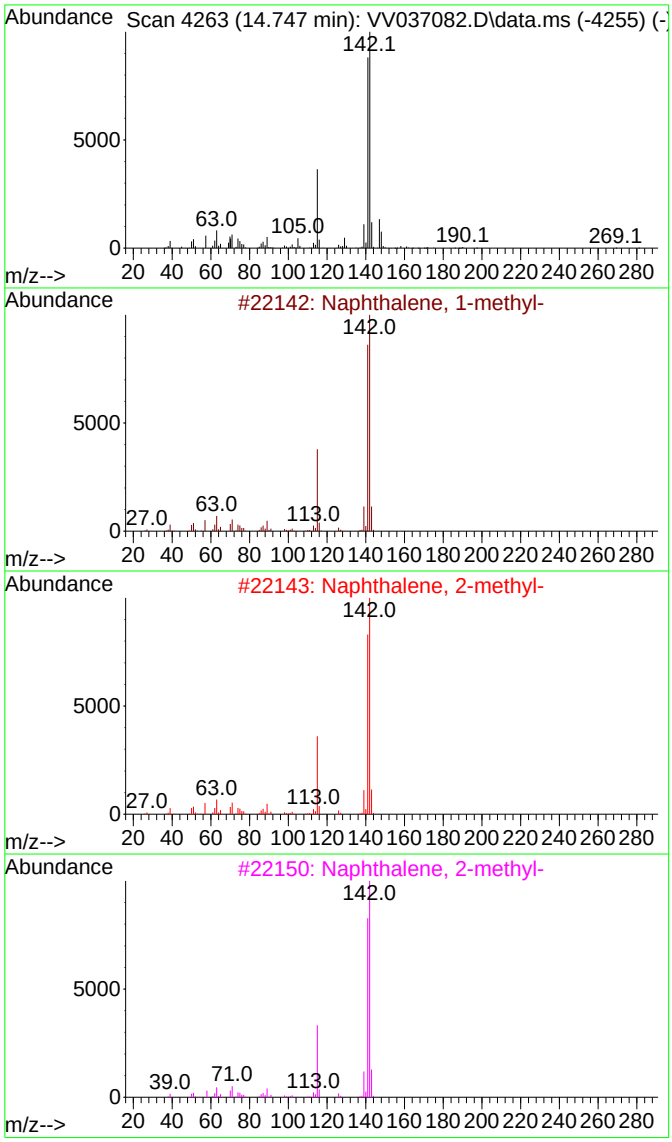
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

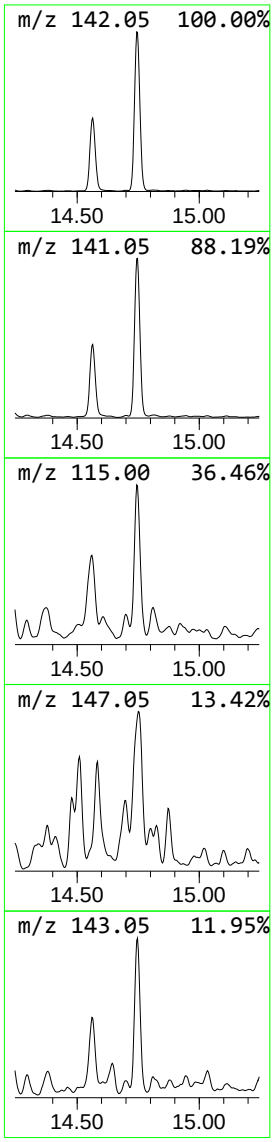
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 Naphthalene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.747 | 100.31 ug/L | 4734160 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 93 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

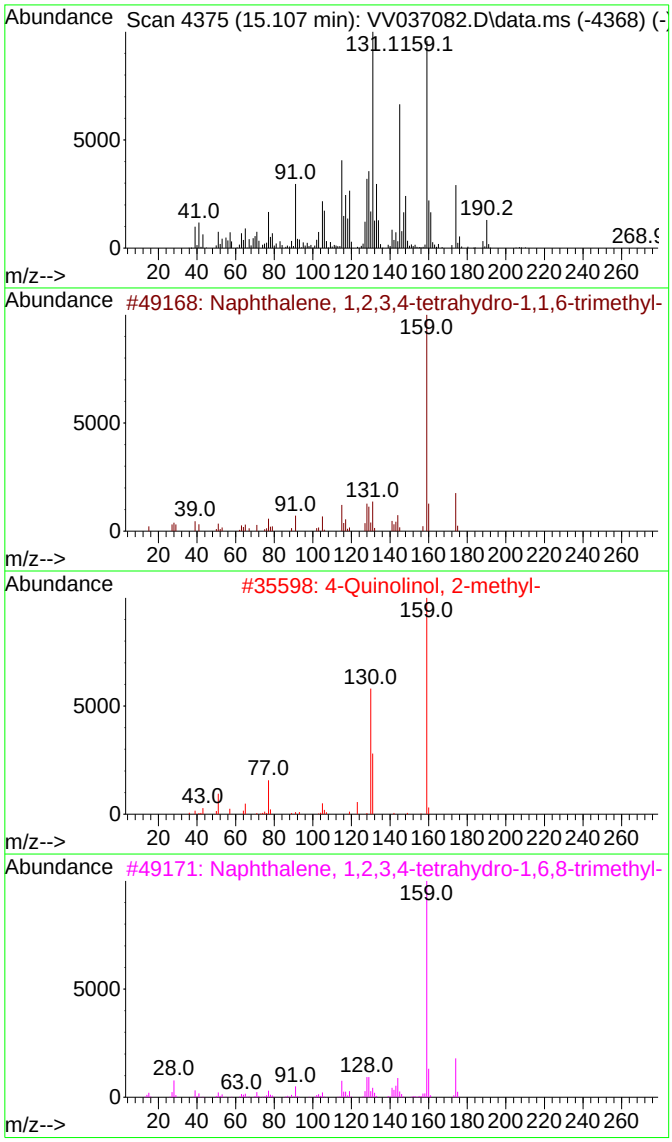
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

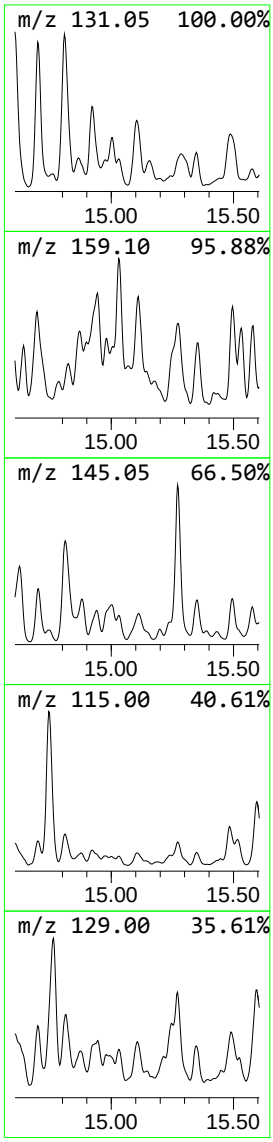
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.107 | 26.14 ug/L | 1233780 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 000475-03-6 | 50 |
| 2 | 4-Quinolinol, 2-methyl- | 159 | C10H9NO | 000607-67-0 | 43 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 030316-36-0 | 38 |
| 4 | 5,6,7,8-Tetrahydro-2-naphthalene... | 190 | C12H14O2 | 013052-99-8 | 38 |
| 5 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

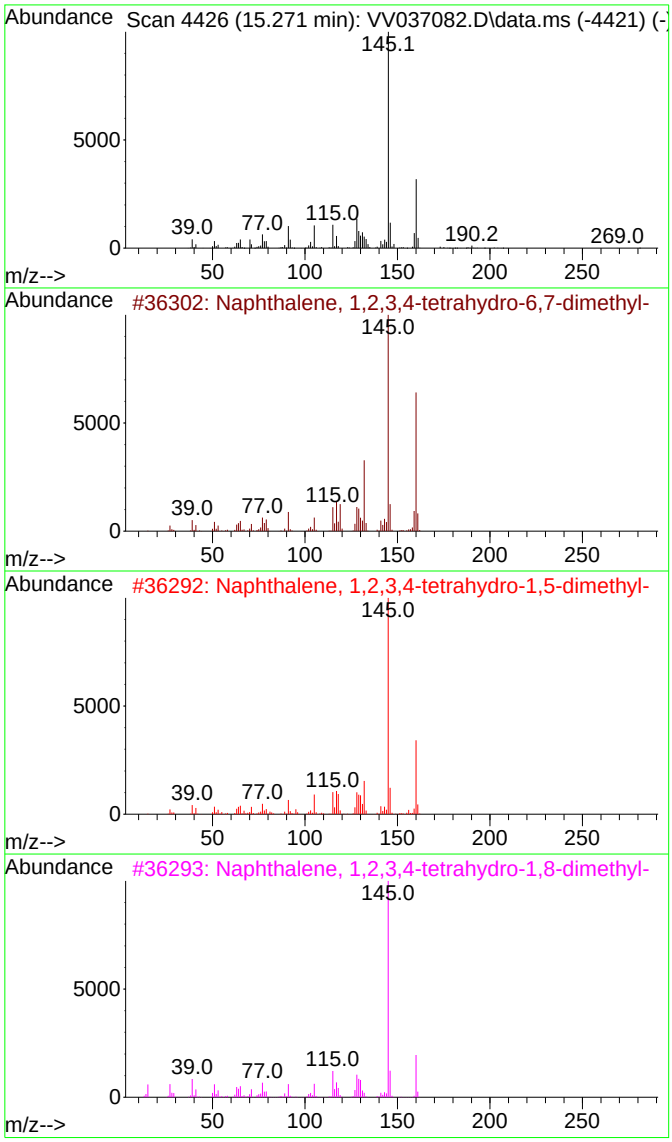
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

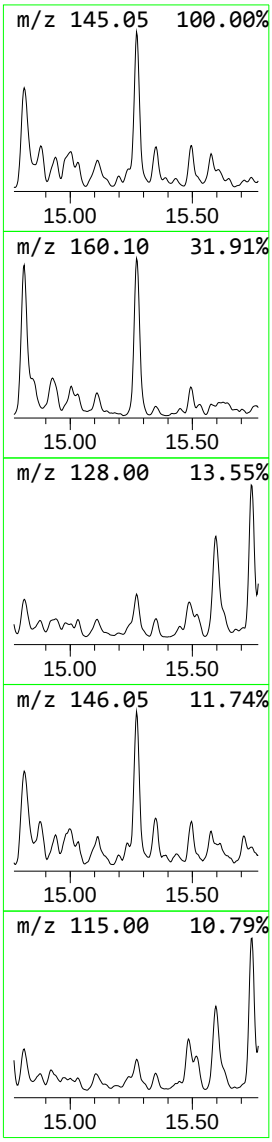
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.271 | 47.94 ug/L | 2262510 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 001076-61-5 | 90 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021564-91-0 | 90 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 025419-33-4 | 87 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 025419-33-4 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 | C12H16 | 040650-41-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

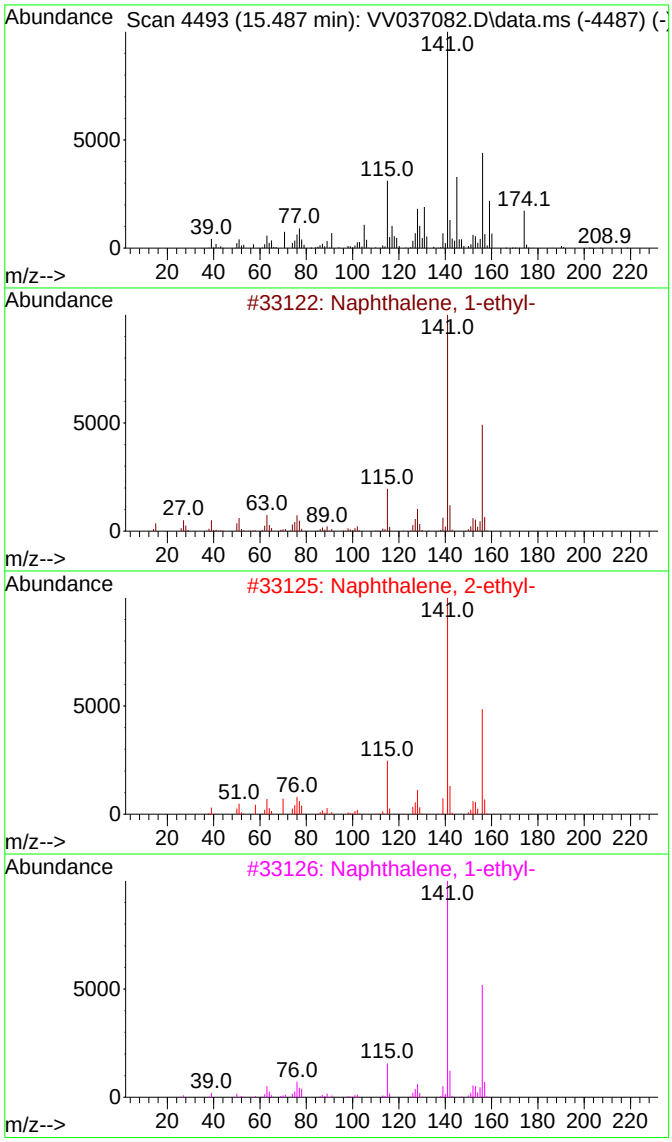
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

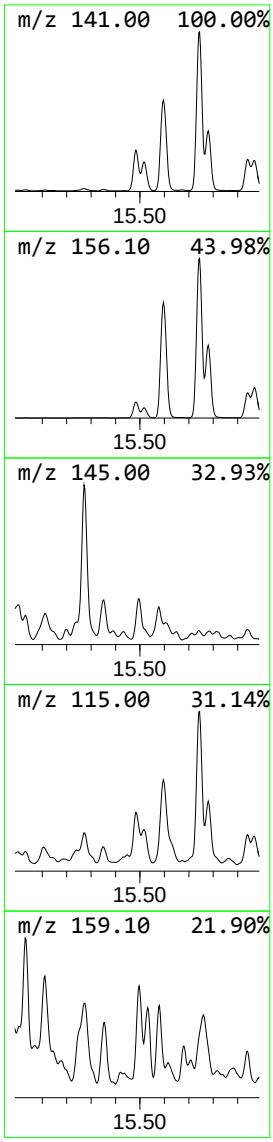
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 Naphthalene, 1-ethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.487 | 29.91 ug/L | 1411790 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 92 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 91 |
| 3 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 90 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 83 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

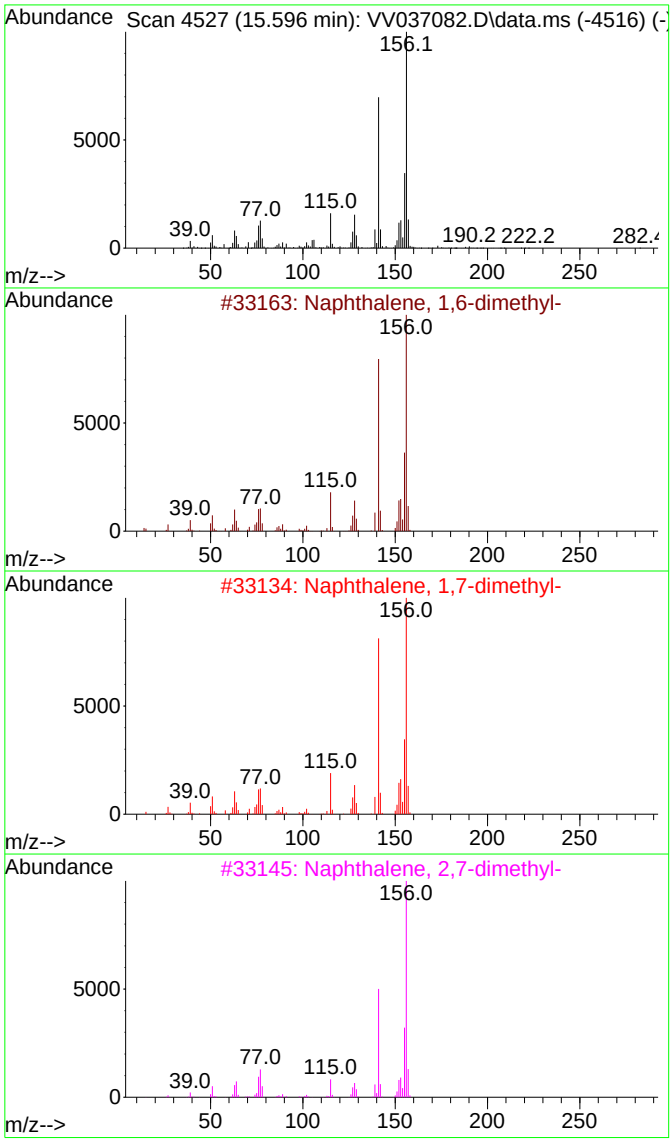
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

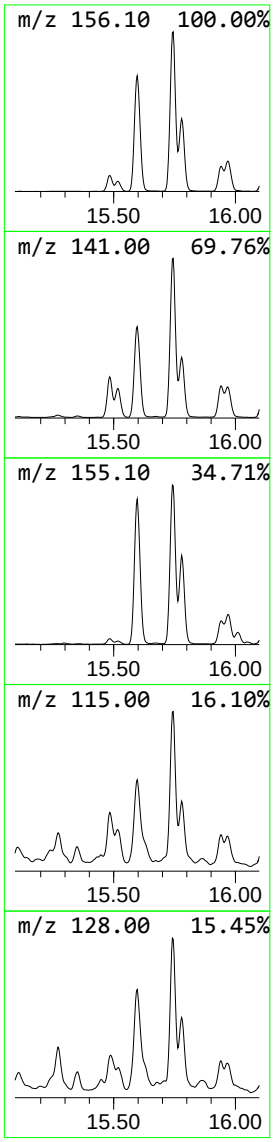
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 Naphthalene, 1,6-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.596 | 175.34 ug/L | 8275040 | 1,4-Dichlorobenzene-d4 | 11.181 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

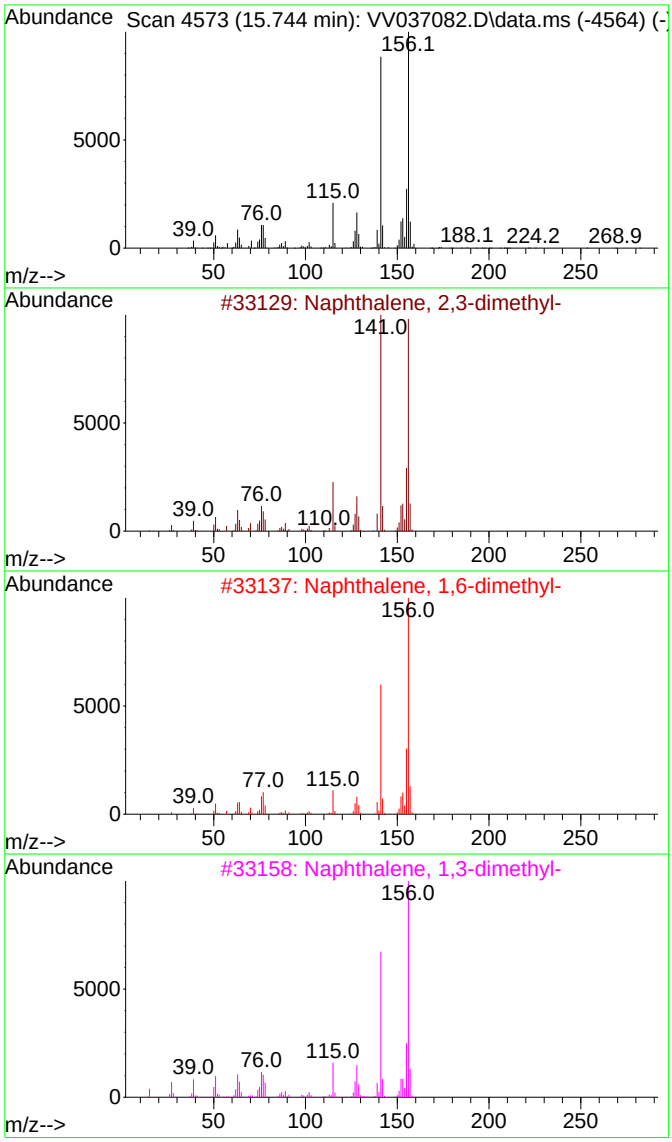
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

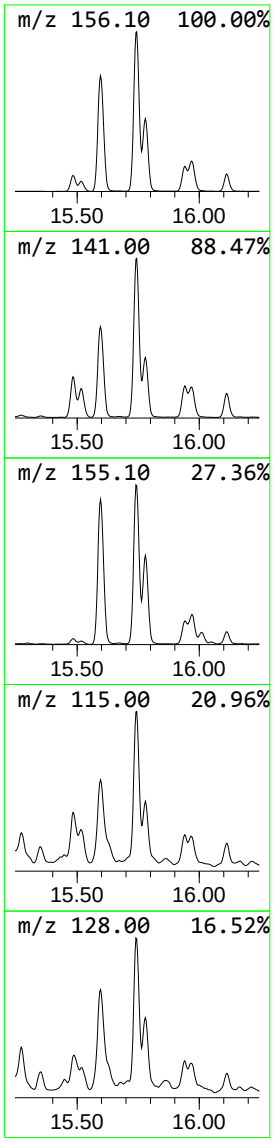
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 Naphthalene, 2,3-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.744 | 163.55 ug/L | 7718690 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

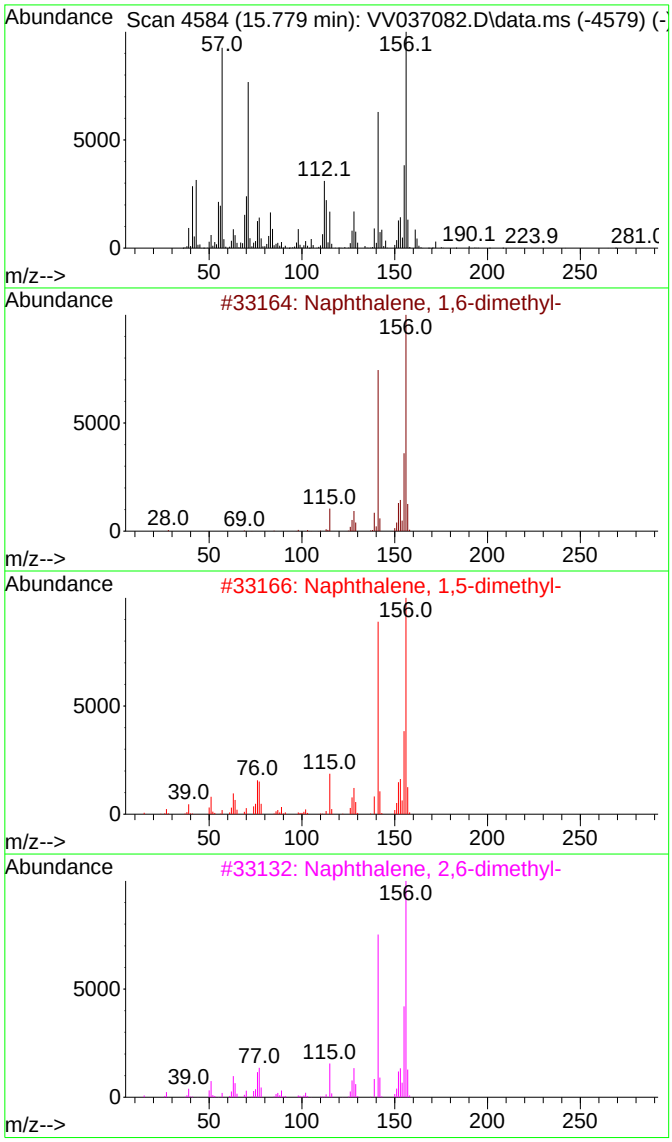
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

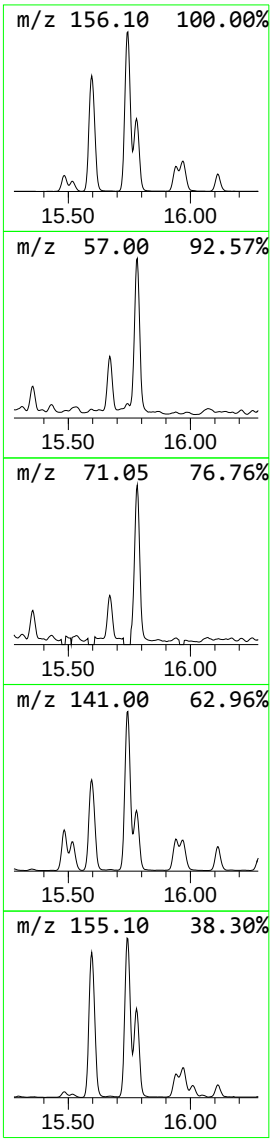
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 Naphthalene, 1,5-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.779 | 131.87 ug/L | 6223580 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 2 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

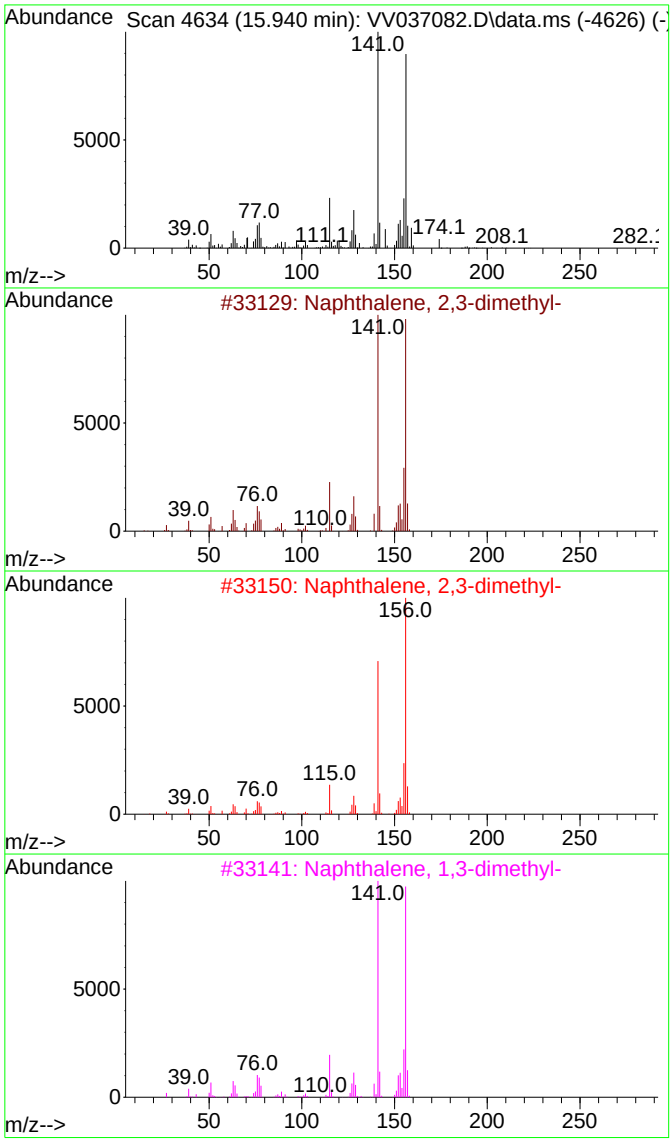
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

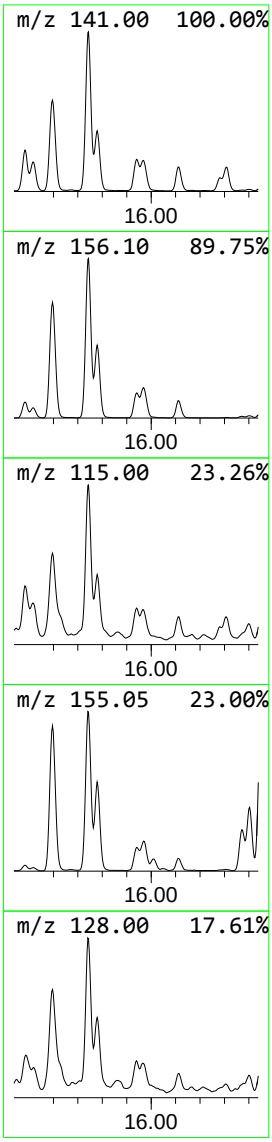
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 Naphthalene, 1,3-dimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.940 | 32.78 ug/L | 1547040 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

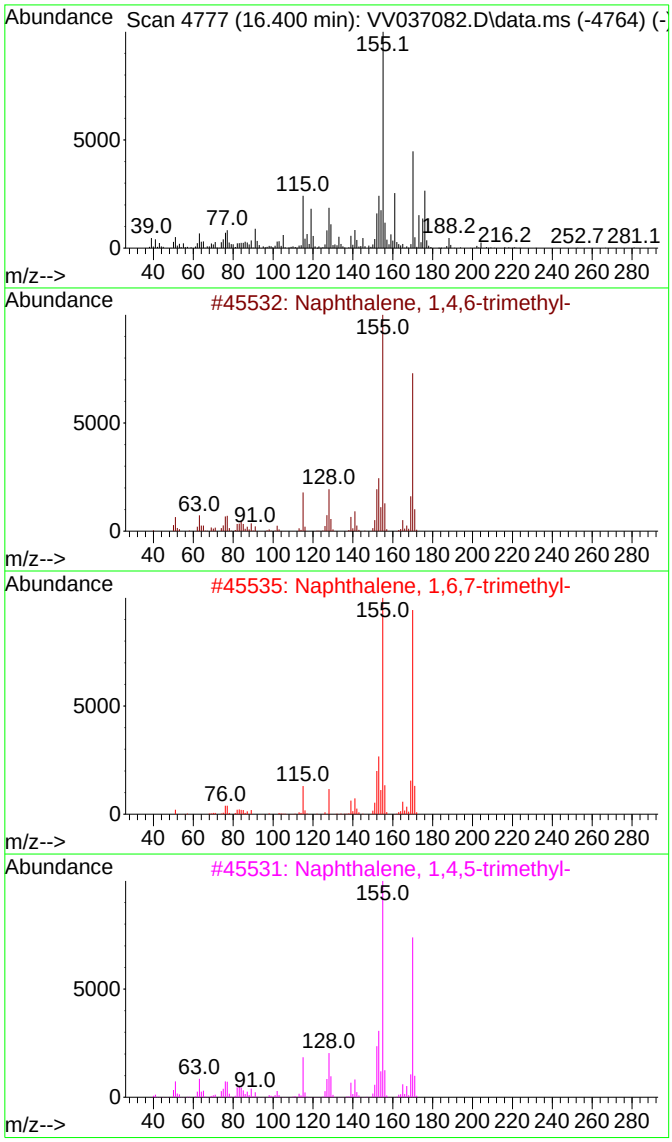
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

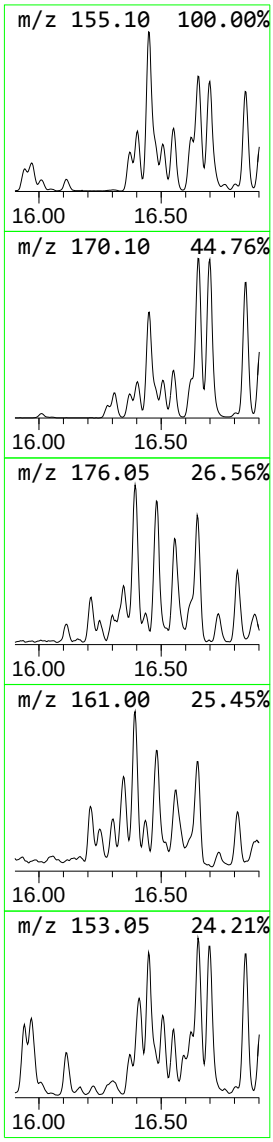
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 Naphthalene, 2-(1-methyleth... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.400 | 33.47 ug/L | 1579730 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 83 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 70 |
| 3 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 70 |
| 4 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 52 |
| 5 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 52 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

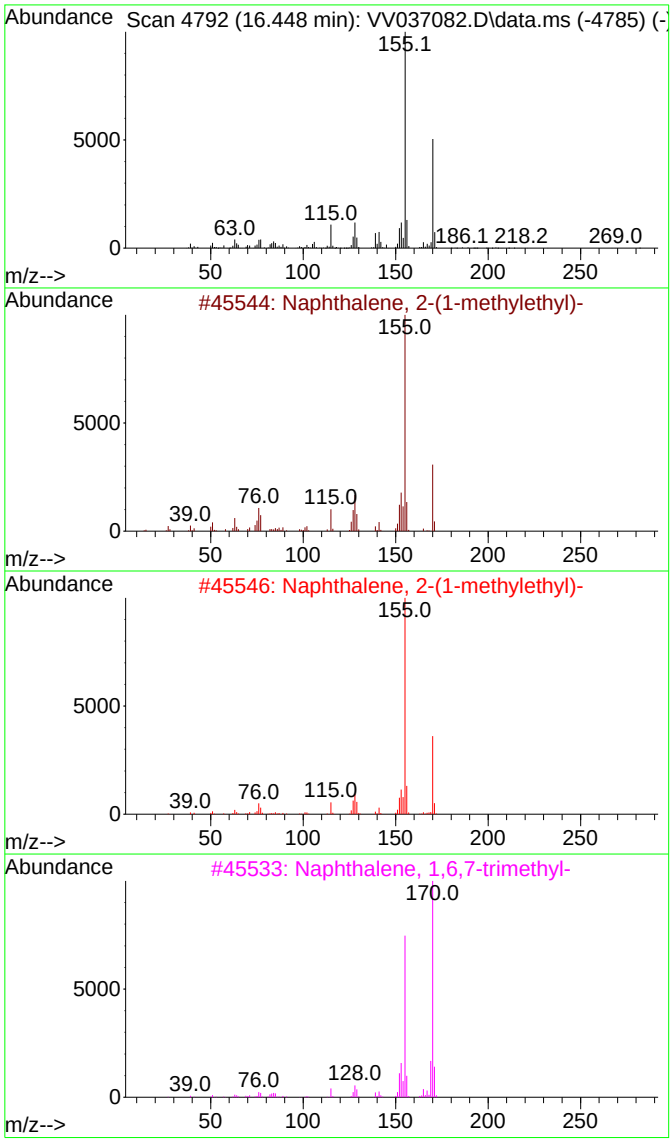
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

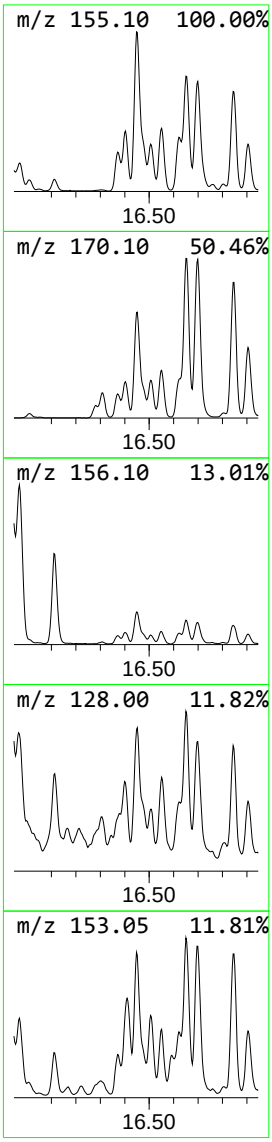
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 2-Naphthyl methyl ketone Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.448 | 51.80 ug/L | 2444820 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 93 |
| 2 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 87 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 80 |
| 4 | 2-Naphthyl methyl ketone | 170 | C12H10O | 000093-08-3 | 74 |
| 5 | 2-Naphthyl methyl ketone | 170 | C12H10O | 000093-08-3 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

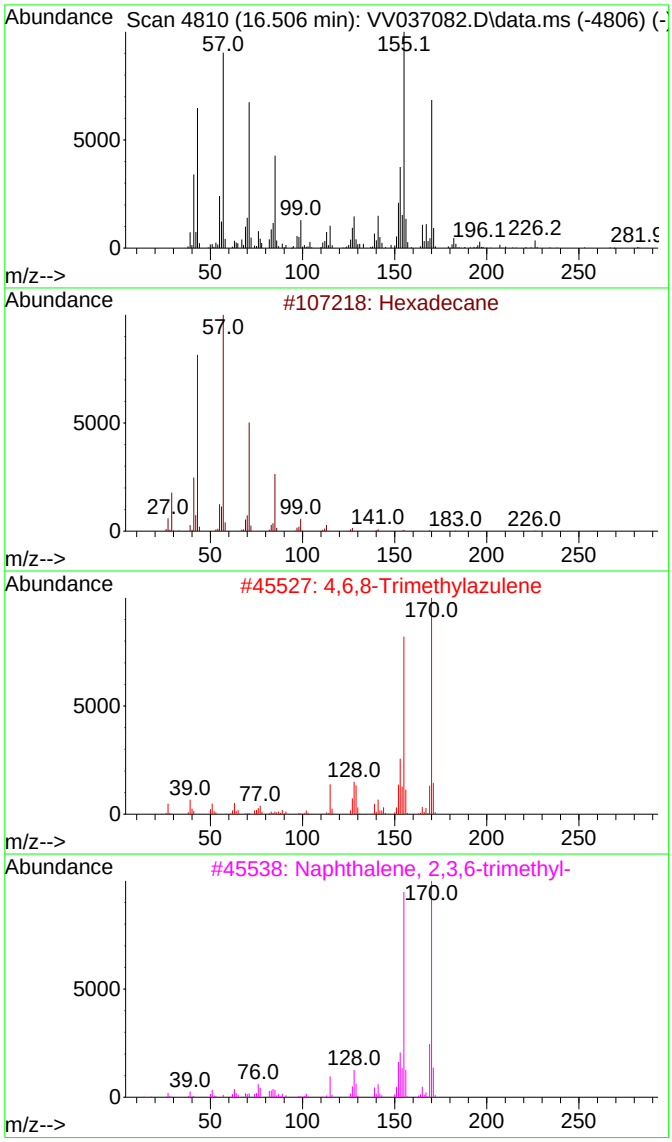
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

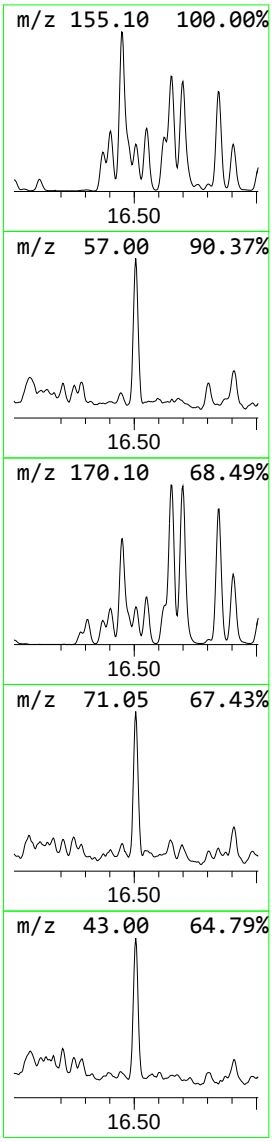
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.506 | 19.34 ug/L | 912864 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 83 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 83 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 83 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

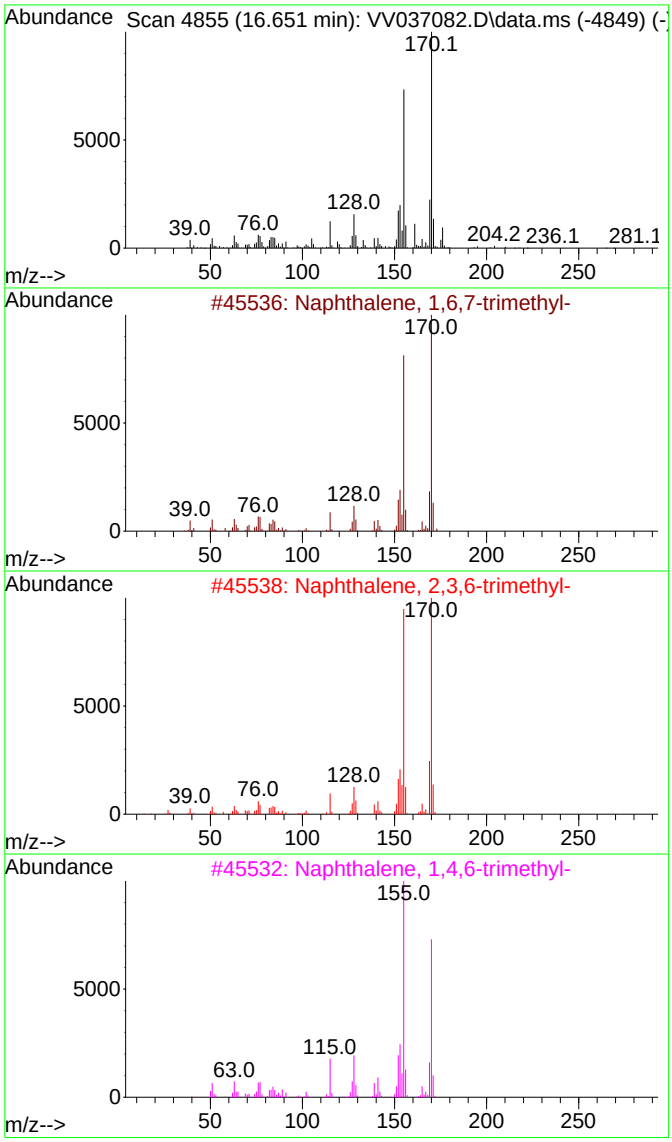
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

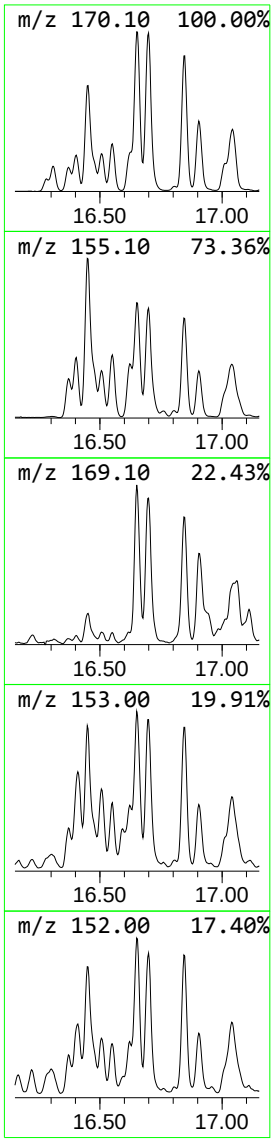
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 59 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.651 | 49.92 ug/L | 2356100 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 93 |
| 4 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 93 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

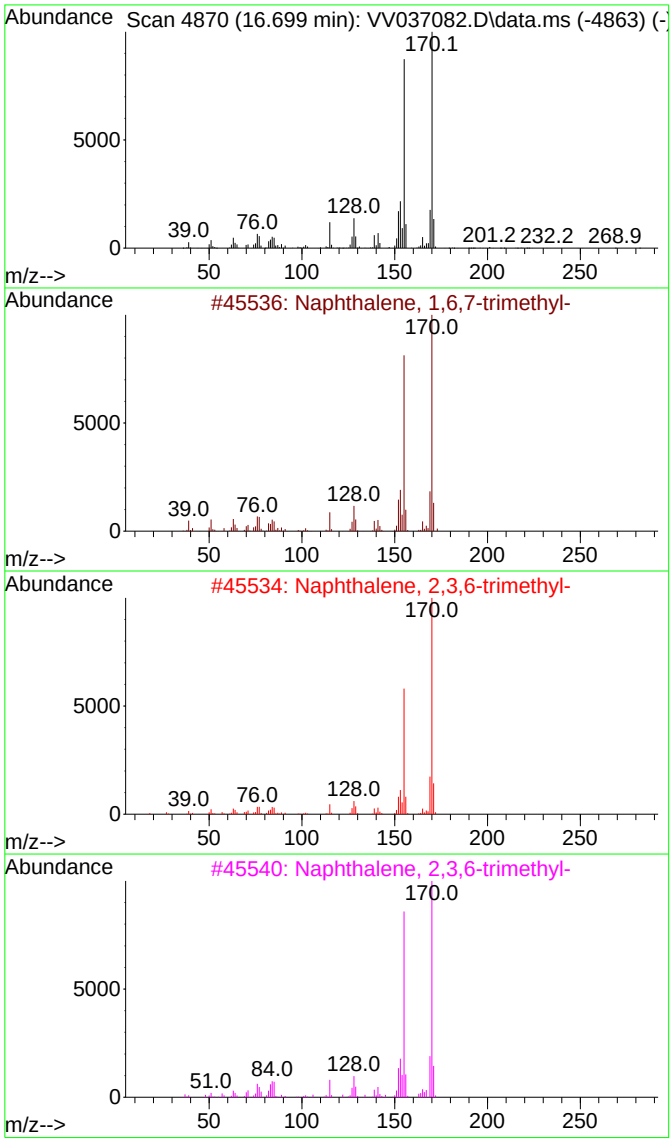
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

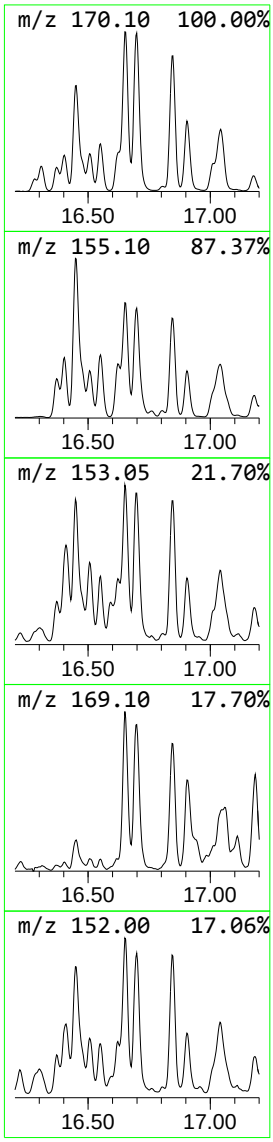
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.699 | 47.95 ug/L | 2263170 | 1,4-Dichlorobenzene-d4 | 11.181 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

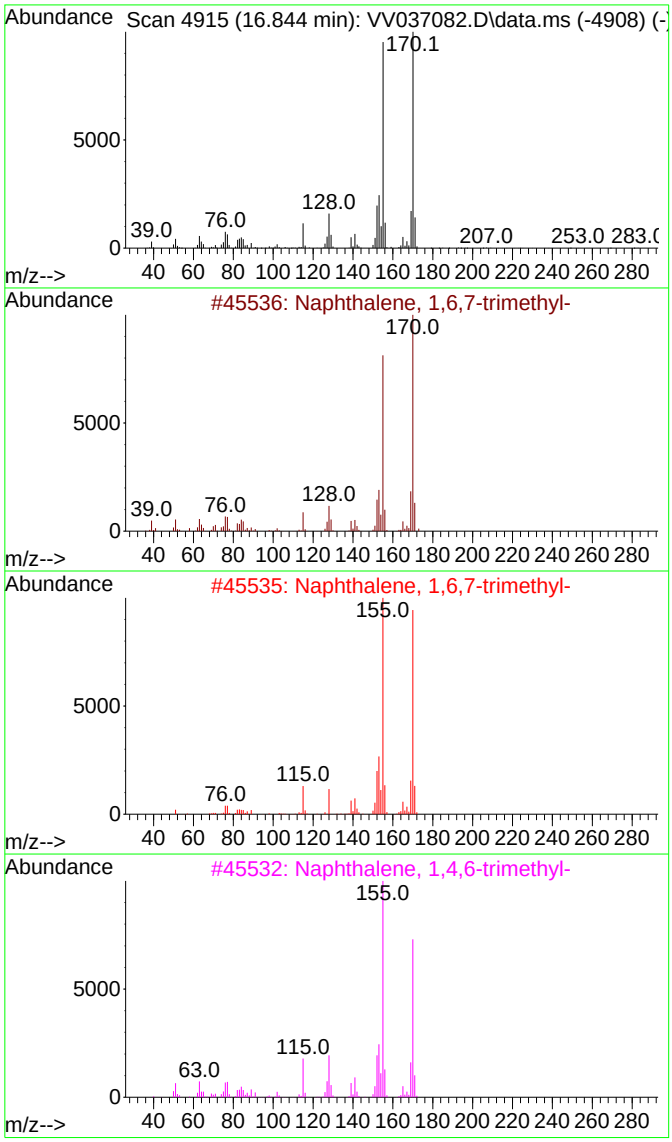
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

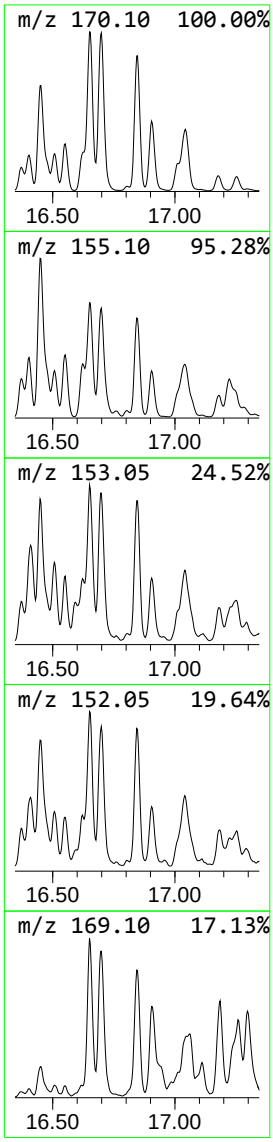
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 Naphthalene, 1,4,6-trimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.844 | 28.90 ug/L | 1363690 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

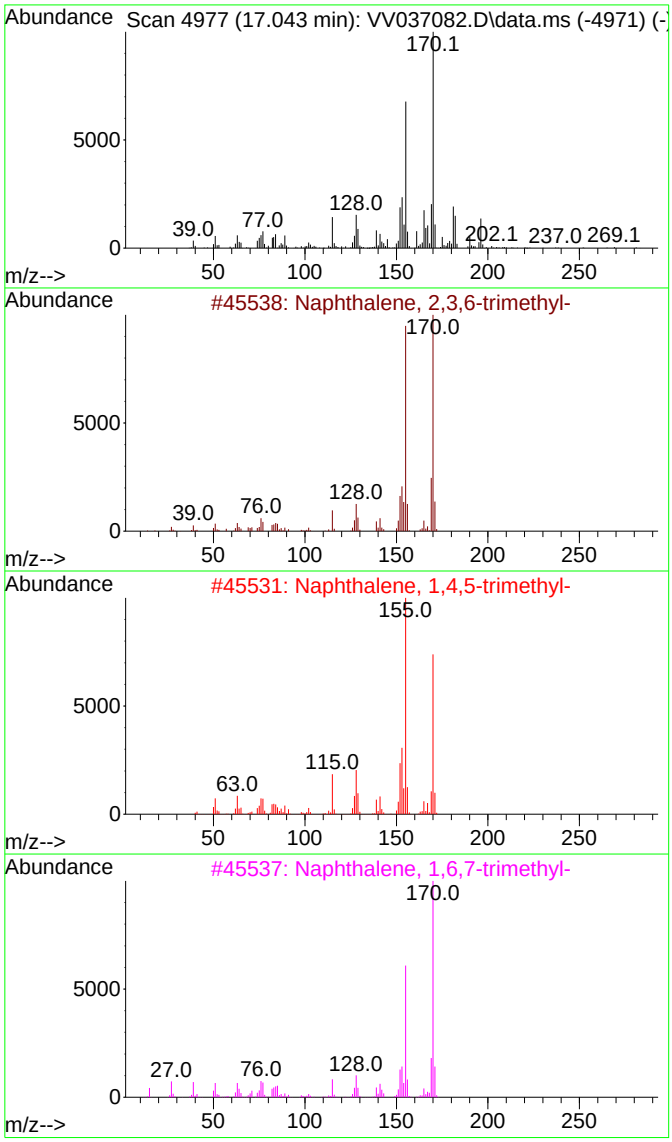
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

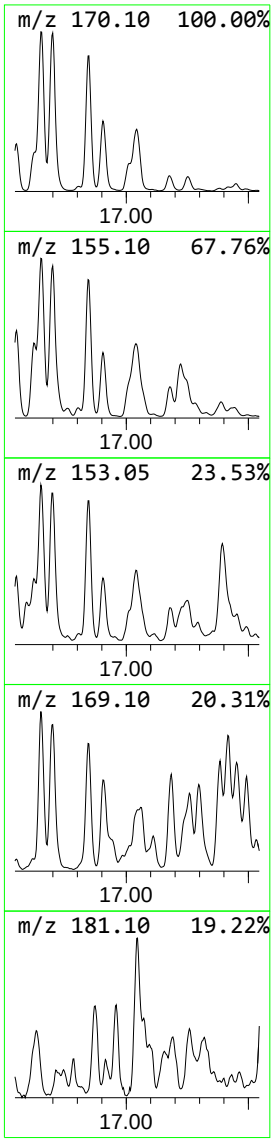
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 63 4,6,8-Trimethylazulene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.043 | 30.66 ug/L | 1446960 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 2 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 93 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 92 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 91 |
| 5 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037082.D
Acq On : 27 Aug 2024 13:47
Operator : SY/MD
Sample : P3696-04ME
Misc : 5.28G/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GCN88ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 1-Hexanol, 2-et... | 11.468 | 158.3 | ug/L | 7472220 | 3 | 11.181 | 2359700 | 50.0 |
| (DEL) Alkane: S... | 11.725 | 23.0 | ug/L | 1086420 | 3 | 11.181 | 2359700 | 50.0 |
| (DEL) Alkane: C... | 12.304 | 11.4 | ug/L | 537116 | 3 | 11.181 | 2359700 | 50.0 |
| Benzene, 1,2,3,... | 12.400 | 30.9 | ug/L | 1457740 | 3 | 11.181 | 2359700 | 50.0 |
| Benzene, 1-ethe... | 12.818 | 73.2 | ug/L | 3452740 | 3 | 11.181 | 2359700 | 50.0 |
| (DEL) Alkane: S... | 12.976 | 20.5 | ug/L | 968853 | 3 | 11.181 | 2359700 | 50.0 |
| Benzene, 1,3-di... | 13.204 | 73.9 | ug/L | 3487280 | 3 | 11.181 | 2359700 | 50.0 |
| unknown-01 | 13.551 | 61.4 | ug/L | 2899020 | 3 | 11.181 | 2359700 | 50.0 |
| unknown-02 | 13.586 | 28.7 | ug/L | 1352470 | 3 | 11.181 | 2359700 | 50.0 |
| unknown-03 | 13.644 | 48.5 | ug/L | 2287120 | 3 | 11.181 | 2359700 | 50.0 |
| Bicyclo[4.2.1]n... | 13.689 | 57.9 | ug/L | 2730930 | 3 | 11.181 | 2359700 | 50.0 |
| unknown-04 | 13.754 | 131.0 | ug/L | 6181850 | 3 | 11.181 | 2359700 | 50.0 |
| 1H-Indene, 2,3-... | 13.841 | 108.0 | ug/L | 5095490 | 3 | 11.181 | 2359700 | 50.0 |
| Benzene, (1,2-d... | 14.024 | 151.2 | ug/L | 7137020 | 3 | 11.181 | 2359700 | 50.0 |
| (DEL) Alkane: C... | 14.133 | 17.4 | ug/L | 820238 | 3 | 11.181 | 2359700 | 50.0 |
| 3,4-Dimethylcumene | 14.168 | 43.4 | ug/L | 2046440 | 3 | 11.181 | 2359700 | 50.0 |
| unknown-05 | 14.223 | 138.0 | ug/L | 6514570 | 3 | 11.181 | 2359700 | 50.0 |
| Benzene, 1,3,5-... | 14.294 | 41.0 | ug/L | 1936130 | 3 | 11.181 | 2359700 | 50.0 |
| unknown-06 | 14.355 | 54.7 | ug/L | 2583030 | 3 | 11.181 | 2359700 | 50.0 |
| unknown-07 | 14.699 | 34.4 | ug/L | 1624920 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1-... | 14.747 | 100.3 | ug/L | 4734160 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1,... | 15.107 | 26.1 | ug/L | 1233780 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1,... | 15.271 | 47.9 | ug/L | 2262510 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1-... | 15.487 | 29.9 | ug/L | 1411790 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1,... | 15.596 | 175.3 | ug/L | 8275040 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 2,... | 15.744 | 163.6 | ug/L | 7718690 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1,... | 15.779 | 131.9 | ug/L | 6223580 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1,... | 15.940 | 32.8 | ug/L | 1547040 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 2-... | 16.400 | 33.5 | ug/L | 1579730 | 3 | 11.181 | 2359700 | 50.0 |
| 2-Naphthyl meth... | 16.448 | 51.8 | ug/L | 2444820 | 3 | 11.181 | 2359700 | 50.0 |
| (DEL) Alkane: S... | 16.506 | 19.3 | ug/L | 912864 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1,... | 16.651 | 49.9 | ug/L | 2356100 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 2,... | 16.699 | 48.0 | ug/L | 2263170 | 3 | 11.181 | 2359700 | 50.0 |
| Naphthalene, 1,... | 16.844 | 28.9 | ug/L | 1363690 | 3 | 11.181 | 2359700 | 50.0 |
| 4,6,8-Trimethyl... | 17.043 | 30.7 | ug/L | 1446960 | 3 | 11.181 | 2359700 | 50.0 |