LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

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: VV037487.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.175 | 35 | 42 | 51 | rBV | 49517 | 75054 | 2.34% | 0.286% |
| 2 | 1.278 | 67 | 74 | 90 | rBV | 425931 | 458953 | 14.28% | 1.748% |
| 3 | 1.532 | 146 | 153 | 167 | rVB | 353411 | 419517 | 13.05% | 1.598% |
| 4 | 2.060 | 307 | 317 | 330 | rBV | 733665 | 1058522 | 32.93% | 4.032% |
| 5 | 3.342 | 714 | 716 | 718 | rBV2 | 803 | 399 | 0.01% | 0.002% |
| 6 | 3.384 | 726 | 729 | 732 | rVB4 | 1217 | 747 | 0.02% | 0.003% |
| 7 | 3.429 | 740 | 743 | 744 | rBV2 | 619 | 355 | 0.01% | 0.001% |
| 8 | 3.500 | 763 | 765 | 769 | rVB4 | 597 | 422 | 0.01% | 0.002% |
| 9 | 3.568 | 783 | 786 | 787 | rBV3 | 846 | 484 | 0.02% | 0.002% |
| 10 | 3.580 | 787 | 790 | 792 | rVB3 | 823 | 409 | 0.01% | 0.002% |
| 11 | 3.616 | 792 | 801 | 823 | rBV4 | 33860 | 89761 | 2.79% | 0.342% |
| 12 | 3.793 | 846 | 856 | 901 | rBV | 159263 | 465292 | 14.48% | 1.772% |
| 13 | 4.121 | 956 | 958 | 959 | rBV2 | 666 | 305 | 0.01% | 0.001% |
| 14 | 4.175 | 972 | 975 | 977 | rBV3 | 806 | 603 | 0.02% | 0.002% |
| 15 | 4.243 | 977 | 996 | 1024 | rVV | 508116 | 1287538 | 40.06% | 4.904% |
| 16 | 4.558 | 1091 | 1094 | 1095 | rBV3 | 868 | 443 | 0.01% | 0.002% |
| 17 | 4.600 | 1100 | 1107 | 1110 | rBV9 | 1037 | 1286 | 0.04% | 0.005% |
| 18 | 4.722 | 1142 | 1145 | 1147 | rBV4 | 1263 | 538 | 0.02% | 0.002% |
| 19 | 4.741 | 1149 | 1151 | 1153 | rVB3 | 1105 | 447 | 0.01% | 0.002% |
| 20 | 4.764 | 1157 | 1158 | 1162 | rVB3 | 673 | 353 | 0.01% | 0.001% |
| 21 | 4.796 | 1165 | 1168 | 1170 | rBV3 | 1273 | 864 | 0.03% | 0.003% |
| 22 | 4.950 | 1199 | 1216 | 1246 | rBV2 | 1267019 | 3214283 | 100.00% | 12.242% |
| 23 | 5.243 | 1305 | 1307 | 1310 | rBV4 | 769 | 484 | 0.02% | 0.002% |
| 24 | 5.275 | 1314 | 1317 | 1319 | rBV4 | 888 | 395 | 0.01% | 0.002% |
| 25 | 5.288 | 1319 | 1321 | 1324 | rBV3 | 917 | 528 | 0.02% | 0.002% |
| 26 | 5.349 | 1338 | 1340 | 1343 | rVB2 | 747 | 318 | 0.01% | 0.001% |
| 27 | 5.371 | 1343 | 1347 | 1349 | rBV4 | 919 | 735 | 0.02% | 0.003% |
| 28 | 5.455 | 1367 | 1373 | 1378 | rBV7 | 1545 | 1878 | 0.06% | 0.007% |
| 29 | 5.529 | 1380 | 1396 | 1426 | rBV | 903892 | 1858857 | 57.83% | 7.080% |
| 30 | 5.735 | 1458 | 1460 | 1464 | rVB5 | 1571 | 847 | 0.03% | 0.003% |
| 31 | 5.831 | 1479 | 1490 | 1505 | rVB5 | 6062 | 15809 | 0.49% | 0.060% |
| 32 | 5.982 | 1513 | 1537 | 1566 | rBV | 707266 | 1489561 | 46.34% | 5.673% |
| 33 | 6.384 | 1658 | 1662 | 1667 | rVB6 | 1304 | 1145 | 0.04% | 0.004% |
| 34 | 6.468 | 1685 | 1688 | 1690 | rVV3 | 622 | 334 | 0.01% | 0.001% |
| 35 | 6.500 | 1696 | 1698 | 1700 | rBV3 | 573 | 323 | 0.01% | 0.001% |
| 36 | 6.558 | 1712 | 1716 | 1722 | rBV6 | 1105 | 1384 | 0.04% | 0.005% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

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 | 6.616 | 1731 | 1734 | 1737 | rVV3 | 1140 | 778 | 0.02% | 0.003% |
| 38 | 6.657 | 1745 | 1747 | 1750 | rVB4 | 680 | 451 | 0.01% | 0.002% |
| 39 | 6.677 | 1750 | 1753 | 1758 | rVB5 | 1125 | 1036 | 0.03% | 0.004% |
| 40 | 6.731 | 1763 | 1770 | 1771 | rBV6 | 969 | 840 | 0.03% | 0.003% |
| 41 | 6.744 | 1771 | 1774 | 1777 | rVB4 | 1291 | 850 | 0.03% | 0.003% |
| 42 | 6.764 | 1777 | 1780 | 1782 | rBV4 | 640 | 408 | 0.01% | 0.002% |
| 43 | 6.815 | 1793 | 1796 | 1798 | rBV4 | 689 | 404 | 0.01% | 0.002% |
| 44 | 6.831 | 1798 | 1801 | 1803 | rVB3 | 717 | 449 | 0.01% | 0.002% |
| 45 | 6.850 | 1805 | 1807 | 1809 | rVB3 | 1024 | 495 | 0.02% | 0.002% |
| 46 | 6.866 | 1809 | 1812 | 1813 | rBV | 786 | 347 | 0.01% | 0.001% |
| 47 | 6.908 | 1813 | 1825 | 1859 | rBV | 389799 | 754277 | 23.47% | 2.873% |
| 48 | 7.082 | 1877 | 1879 | 1882 | rVB3 | 1019 | 475 | 0.01% | 0.002% |
| 49 | 7.143 | 1895 | 1898 | 1902 | rBV6 | 1072 | 724 | 0.02% | 0.003% |
| 50 | 7.236 | 1915 | 1927 | 1955 | rBV | 1447756 | 2554189 | 79.46% | 9.728% |
| 51 | 7.548 | 2015 | 2024 | 2051 | rBV | 255290 | 471554 | 14.67% | 1.796% |
| 52 | 7.731 | 2075 | 2081 | 2082 | rBV6 | 1780 | 1751 | 0.05% | 0.007% |
| 53 | 7.918 | 2137 | 2139 | 2142 | rVB4 | 909 | 549 | 0.02% | 0.002% |
| 54 | 7.940 | 2142 | 2146 | 2148 | rBV4 | 596 | 485 | 0.02% | 0.002% |
| 55 | 7.963 | 2151 | 2153 | 2157 | rVB6 | 1043 | 528 | 0.02% | 0.002% |
| 56 | 8.024 | 2160 | 2172 | 2209 | rBV | 524367 | 1020326 | 31.74% | 3.886% |
| 57 | 8.439 | 2299 | 2301 | 2303 | rVB3 | 819 | 358 | 0.01% | 0.001% |
| 58 | 8.458 | 2303 | 2307 | 2308 | rBV4 | 941 | 758 | 0.02% | 0.003% |
| 59 | 8.538 | 2329 | 2332 | 2333 | rBV4 | 887 | 535 | 0.02% | 0.002% |
| 60 | 8.596 | 2342 | 2350 | 2355 | rBV10 | 2708 | 4121 | 0.13% | 0.016% |
| 61 | 8.690 | 2377 | 2379 | 2381 | rBV3 | 932 | 507 | 0.02% | 0.002% |
| 62 | 8.715 | 2383 | 2387 | 2389 | rBV4 | 2326 | 1767 | 0.05% | 0.007% |
| 63 | 8.780 | 2396 | 2407 | 2439 | rBV | 1353987 | 2228268 | 69.32% | 8.487% |
| 64 | 9.079 | 2496 | 2500 | 2503 | rBV6 | 2329 | 2432 | 0.08% | 0.009% |
| 65 | 9.140 | 2512 | 2519 | 2530 | rVB6 | 13705 | 20472 | 0.64% | 0.078% |
| 66 | 9.252 | 2552 | 2554 | 2559 | rVB5 | 1892 | 1351 | 0.04% | 0.005% |
| 67 | 9.300 | 2565 | 2569 | 2571 | rVB5 | 1245 | 914 | 0.03% | 0.003% |
| 68 | 9.345 | 2580 | 2583 | 2584 | rBV3 | 563 | 297 | 0.01% | 0.001% |
| 69 | 9.413 | 2597 | 2604 | 2608 | rVB8 | 2964 | 3629 | 0.11% | 0.014% |
| 70 | 9.464 | 2618 | 2620 | 2621 | rBV | 1065 | 389 | 0.01% | 0.001% |
| 71 | 9.480 | 2622 | 2625 | 2627 | rVV3 | 1663 | 995 | 0.03% | 0.004% |
| 72 | 9.503 | 2628 | 2632 | 2639 | rVV7 | 4157 | 5299 | 0.16% | 0.020% |
| 73 | 9.609 | 2658 | 2665 | 2667 | rBV6 | 2203 | 2336 | 0.07% | 0.009% |
| 74 | 9.644 | 2669 | 2676 | 2686 | rVB8 | 8703 | 13485 | 0.42% | 0.051% |
| 75 | 9.686 | 2687 | 2689 | 2690 | rBV2 | 798 | 371 | 0.01% | 0.001% |
| 76 | 9.699 | 2691 | 2693 | 2695 | rBV3 | 1246 | 565 | 0.02% | 0.002% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

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 | 9.780 | 2713 | 2718 | 2728 | rVB8 | 5202 | 8667 | 0.27% | 0.033% |
| 78 | 9.841 | 2732 | 2737 | 2740 | rBV5 | 1329 | 1401 | 0.04% | 0.005% |
| 79 | 9.947 | 2765 | 2770 | 2773 | rBV7 | 3776 | 4299 | 0.13% | 0.016% |
| 80 | 10.021 | 2780 | 2793 | 2797 | rBV7 | 10570 | 18255 | 0.57% | 0.070% |
| 81 | 10.146 | 2814 | 2832 | 2850 | rBV | 838812 | 1331608 | 41.43% | 5.072% |
| 82 | 10.445 | 2919 | 2925 | 2932 | rBV3 | 19045 | 27362 | 0.85% | 0.104% |
| 83 | 10.513 | 2939 | 2946 | 2961 | rVB2 | 80104 | 124091 | 3.86% | 0.473% |
| 84 | 10.622 | 2978 | 2980 | 2982 | rBV3 | 1487 | 842 | 0.03% | 0.003% |
| 85 | 10.812 | 3034 | 3039 | 3046 | rVB2 | 22578 | 26105 | 0.81% | 0.099% |
| 86 | 10.969 | 3080 | 3088 | 3094 | rBV7 | 12077 | 20076 | 0.62% | 0.076% |
| 87 | 11.178 | 3143 | 3153 | 3166 | rBV | 1454387 | 2259336 | 70.29% | 8.605% |
| 88 | 11.397 | 3216 | 3221 | 3231 | rVB2 | 26778 | 37425 | 1.16% | 0.143% |
| 89 | 11.554 | 3259 | 3270 | 3297 | rVB | 1446257 | 2318084 | 72.12% | 8.829% |
| 90 | 11.725 | 3315 | 3323 | 3341 | rVB | 137147 | 196479 | 6.11% | 0.748% |
| 91 | 11.921 | 3379 | 3384 | 3386 | rBV6 | 10762 | 11052 | 0.34% | 0.042% |
| 92 | 12.307 | 3495 | 3504 | 3509 | rBV9 | 12946 | 21815 | 0.68% | 0.083% |
| 93 | 12.821 | 3657 | 3664 | 3675 | rBV | 72937 | 103731 | 3.23% | 0.395% |
| 94 | 13.320 | 3810 | 3819 | 3826 | rBV3 | 84172 | 140591 | 4.37% | 0.535% |
| 95 | 13.837 | 3975 | 3980 | 3991 | rVB2 | 51192 | 66782 | 2.08% | 0.254% |
| 96 | 13.905 | 3996 | 4001 | 4011 | rVB2 | 49869 | 73430 | 2.28% | 0.280% |
| 97 | 14.840 | 4286 | 4292 | 4311 | rVB3 | 78545 | 140756 | 4.38% | 0.536% |
| 98 | 15.779 | 4576 | 4584 | 4597 | rVB | 715389 | 1074174 | 33.42% | 4.091% |
| 99 | 16.213 | 4712 | 4719 | 4732 | rVB2 | 190082 | 277989 | 8.65% | 1.059% |
| 100 | 16.853 | 4912 | 4918 | 4928 | rVB | 289414 | 422509 | 13.14% | 1.609% |

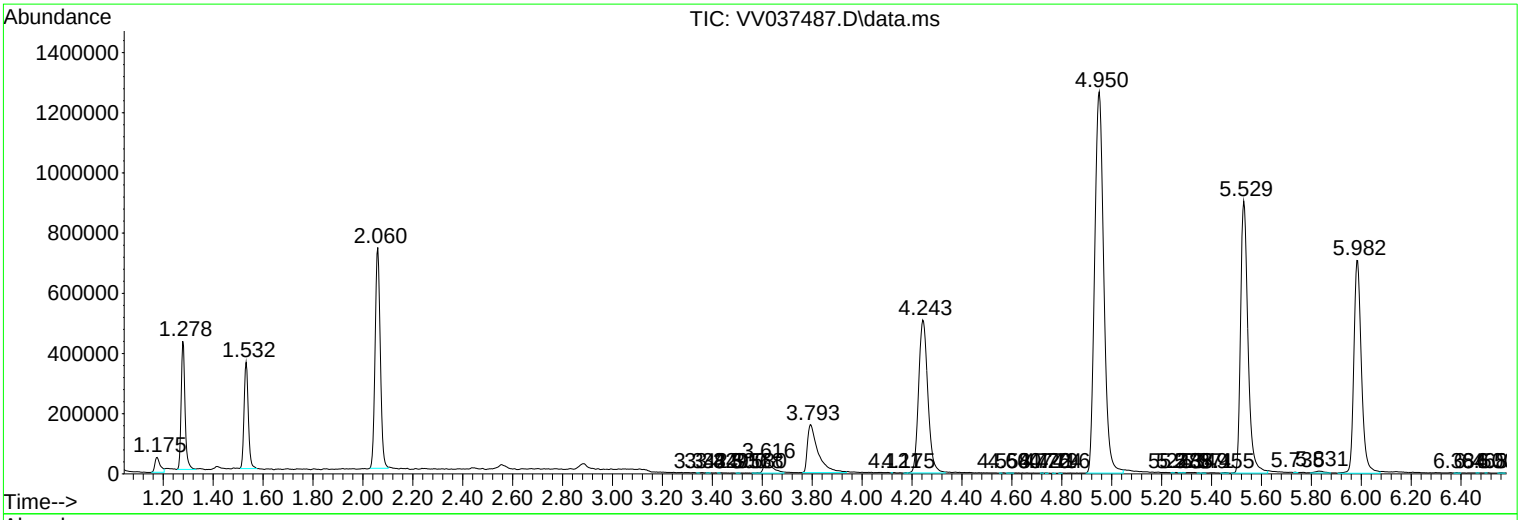
Sum of corrected areas: 26255797

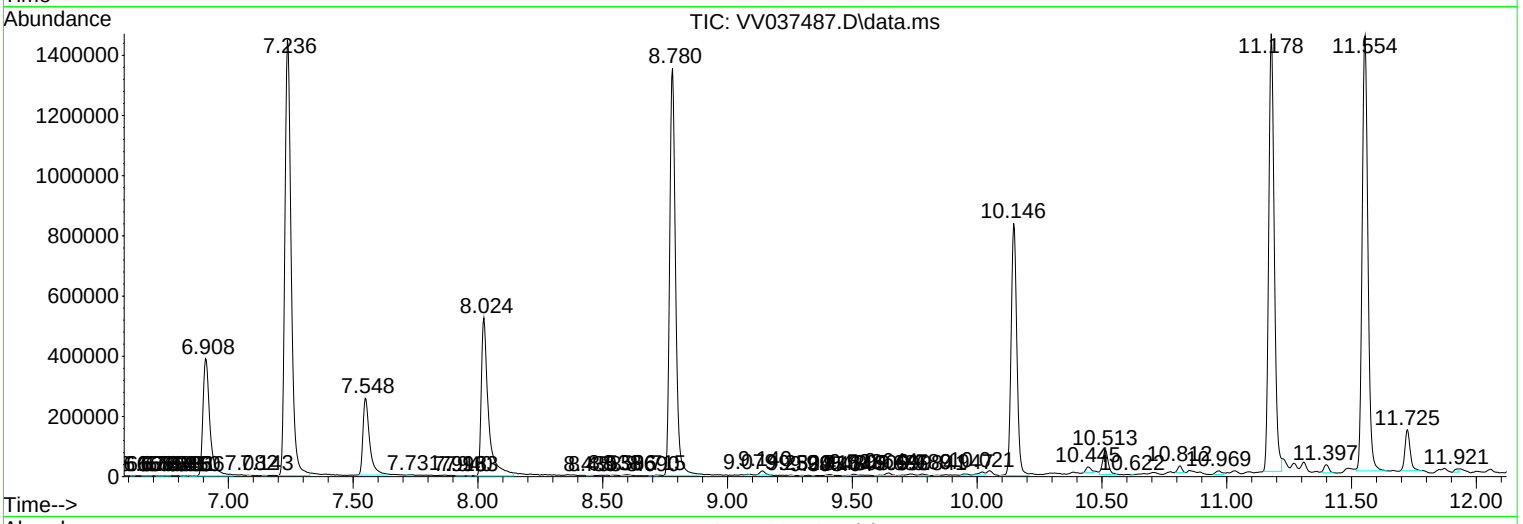
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

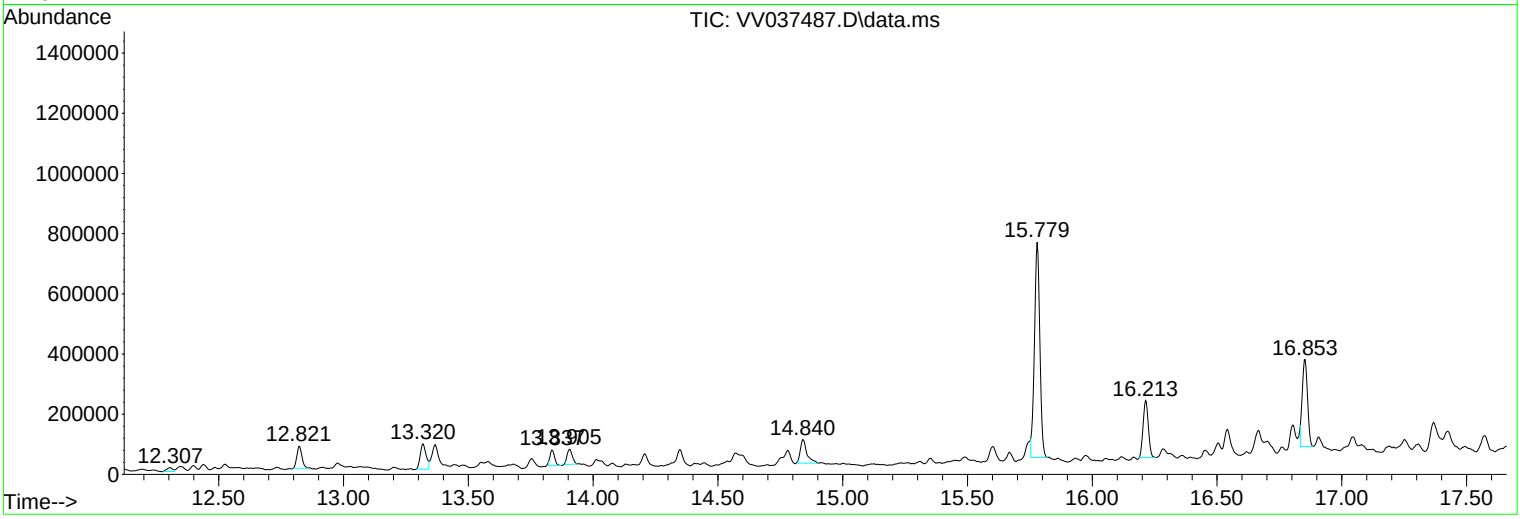
**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

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\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

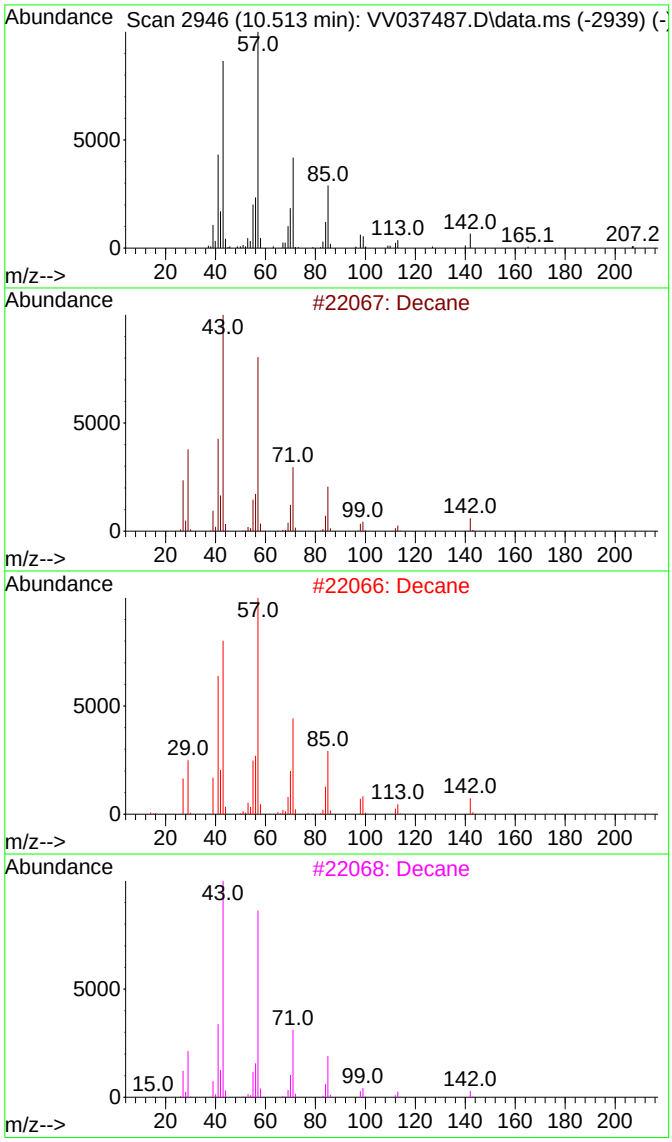
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

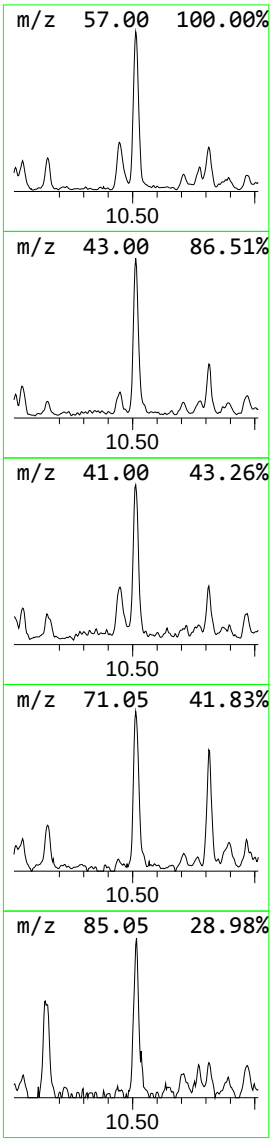
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.513 | 2.75 ug/L | 124091 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 94 |
| 2 | Decane | 142 | C10H22 | 000124-18-5 | 93 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 91 |
| 4 | Undecane | 156 | C11H24 | 001120-21-4 | 83 |
| 5 | Decane | 142 | C10H22 | 000124-18-5 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

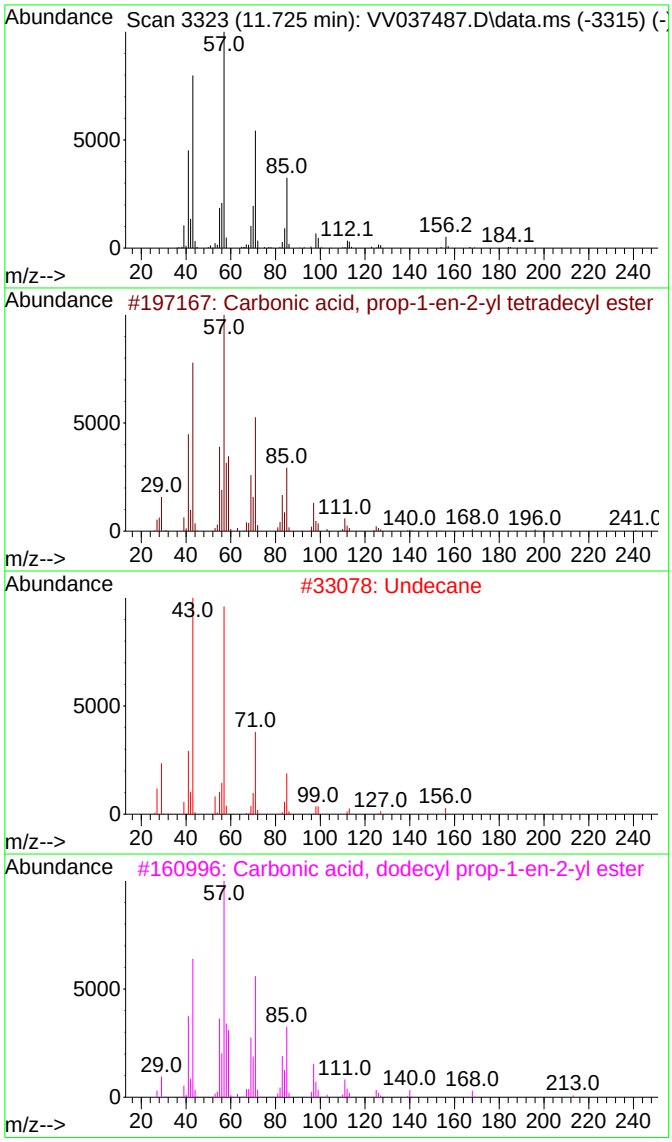
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

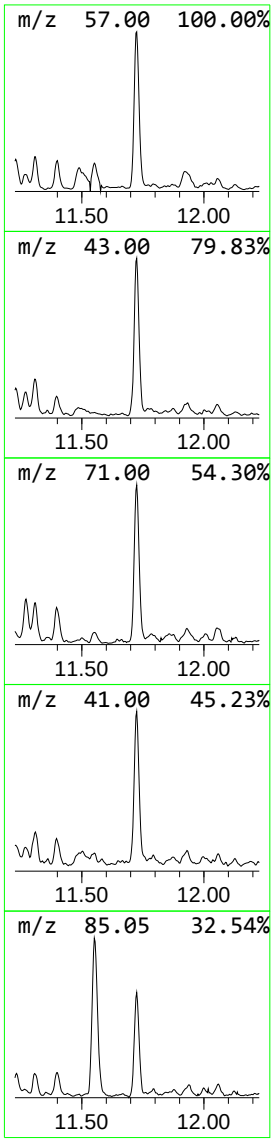
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Carbonic acid, prop-1-en-2-... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.725 | 4.35 ug/L | 196479 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 90 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 87 |
| 3 | Carbonic acid, dodecyl prop-1-en... | 270 | C16H30O3 | 1000382-90-7 | 86 |
| 4 | Undecane | 156 | C11H24 | 001120-21-4 | 81 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

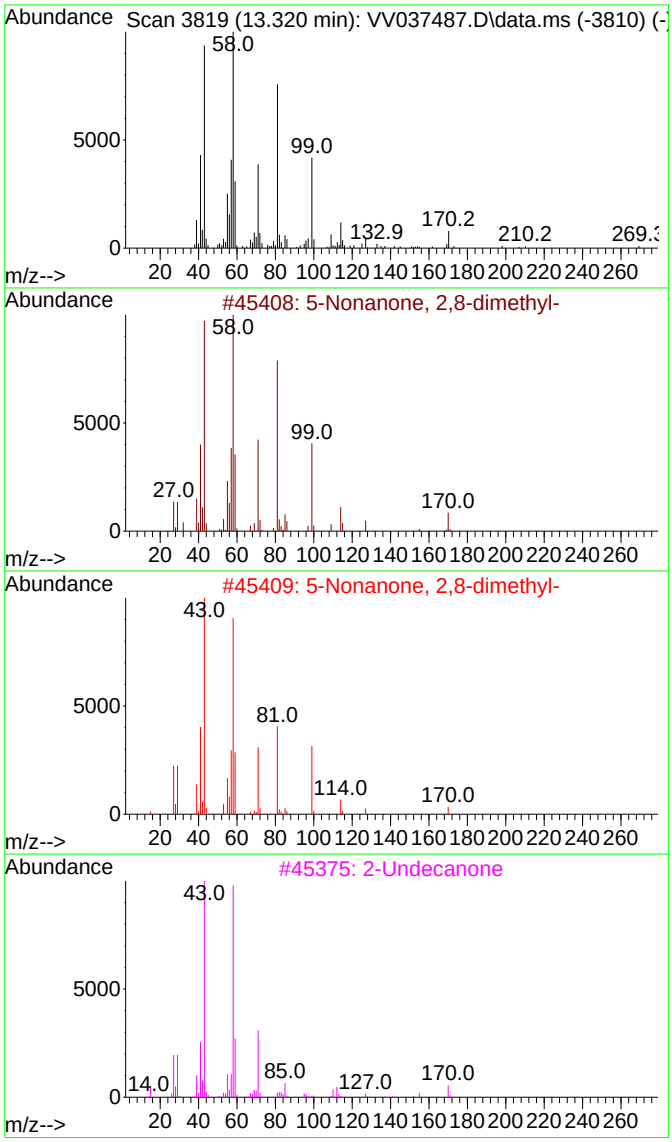
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

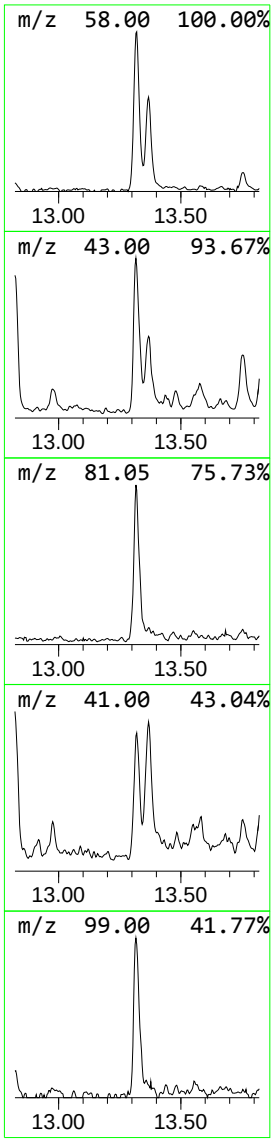
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 5-Nonanone, 2,8-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.320 | 3.11 ug/L | 140591 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Nonanone, 2,8-dimethyl- | 170 | C11H22O | 002050-99-9 | 97 |
| 2 | 5-Nonanone, 2,8-dimethyl- | 170 | C11H22O | 002050-99-9 | 53 |
| 3 | 2-Undecanone | 170 | C11H22O | 000112-12-9 | 43 |
| 4 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 38 |
| 5 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

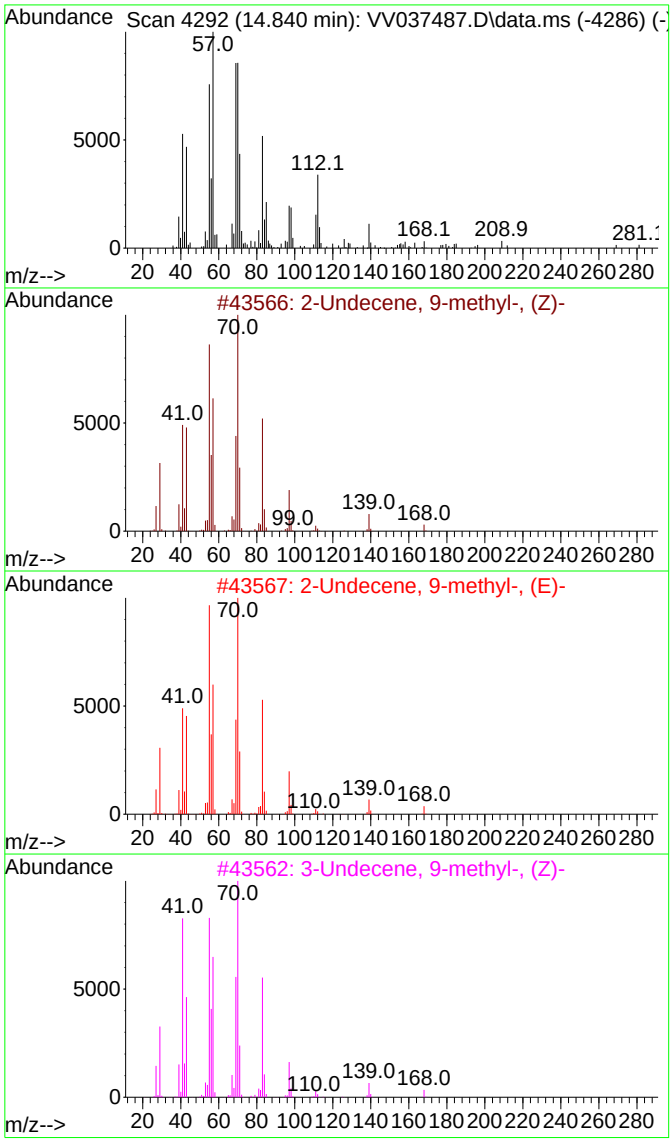
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

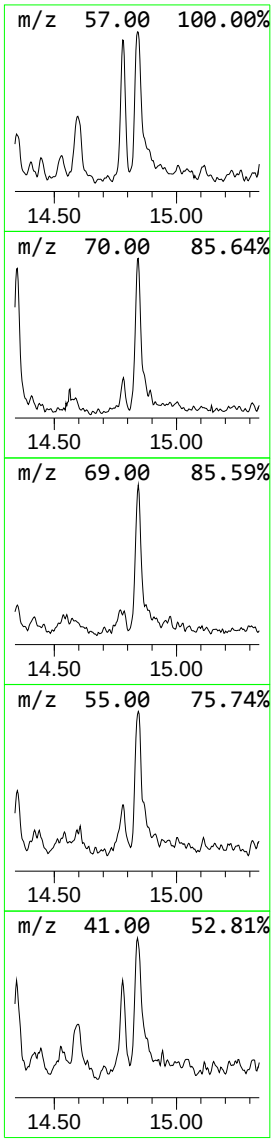
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.840 | 3.11 ug/L | 140756 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Undecene, 9-methyl-, (Z)- | 168 | C12H24 | 074630-45-8 | 50 |
| 2 | 2-Undecene, 9-methyl-, (E)- | 168 | C12H24 | 074630-46-9 | 50 |
| 3 | 3-Undecene, 9-methyl-, (Z)- | 168 | C12H24 | 074630-50-5 | 38 |
| 4 | 5-Ethyl-1-nonene | 154 | C11H22 | 019780-74-6 | 38 |
| 5 | 2-Bromopropionic acid, 2-ethylhe... | 264 | C11H21BrO2 | 130841-38-2 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

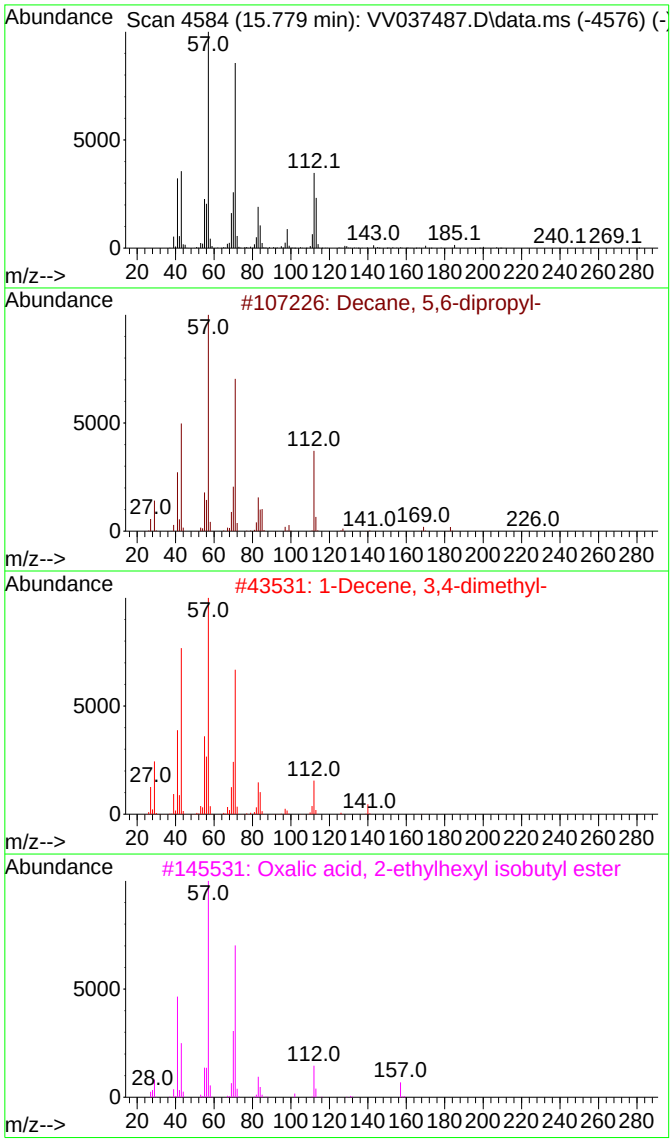
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

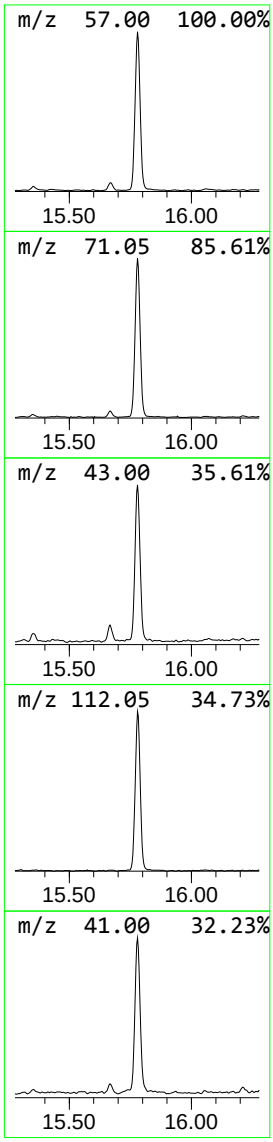
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.779 | 23.77 ug/L | 1074170 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 5,6-dipropyl- | 226 | C16H34 | 119209-20-0 | 72 |
| 2 | 1-Decene, 3,4-dimethyl- | 168 | C12H24 | 050871-03-9 | 72 |
| 3 | Oxalic acid, 2-ethylhexyl isobut... | 258 | C14H26O4 | 1010309-38-5 | 64 |
| 4 | Heptane, 3-[(ethenyloxy)methyl]- | 156 | C10H20O | 000103-44-6 | 64 |
| 5 | Carbonic acid, octyl vinyl ester | 200 | C11H20O3 | 1000383-25-5 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

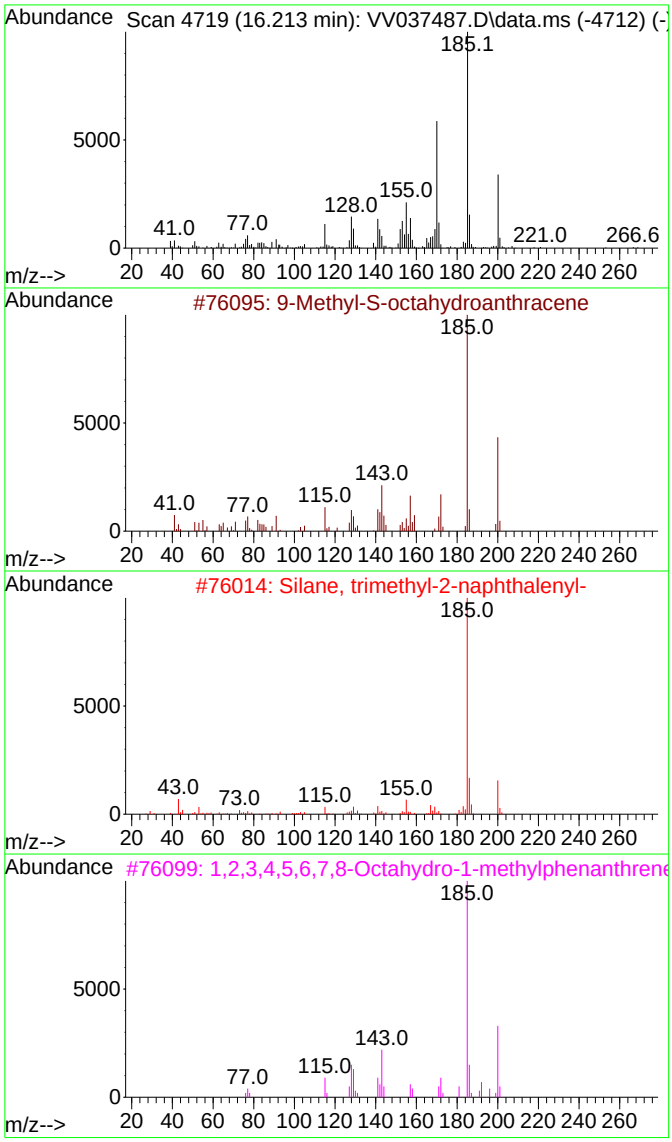
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

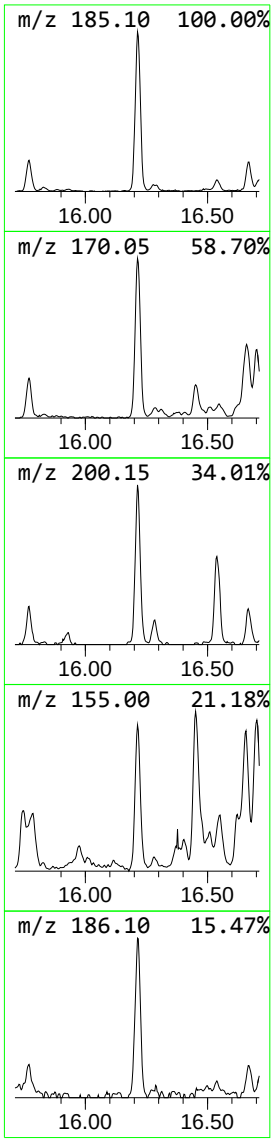
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 9-Methyl-S-octahydroanthracene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.213 | 6.15 ug/L | 277989 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Methyl-S-octahydroanthracene | 200 | C15H20 | 004948-51-0 | 64 |
| 2 | Silane, trimethyl-2-naphthalenyl- | 200 | C13H16Si | 018052-85-2 | 58 |
| 3 | 1,2,3,4,5,6,7,8-Octahydro-1-meth... | 200 | C15H20 | 1000080-19-4 | 49 |
| 4 | Cyclopropane, 1-methoxy-2,2-dime... | 200 | C14H16O | 1000271-83-0 | 49 |
| 5 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

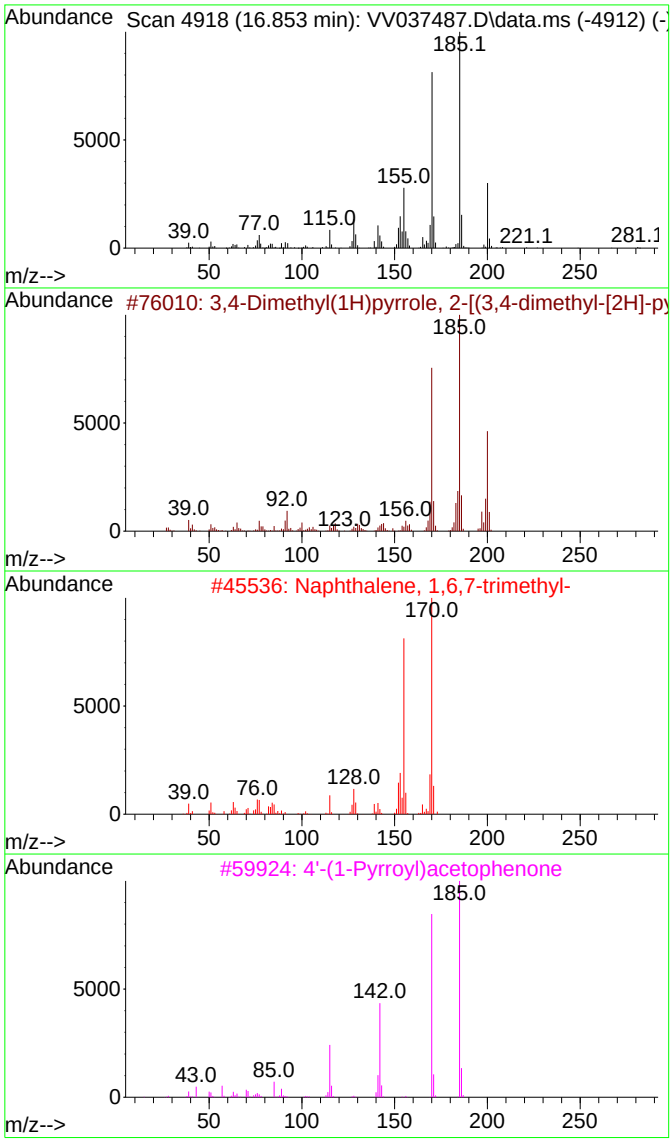
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

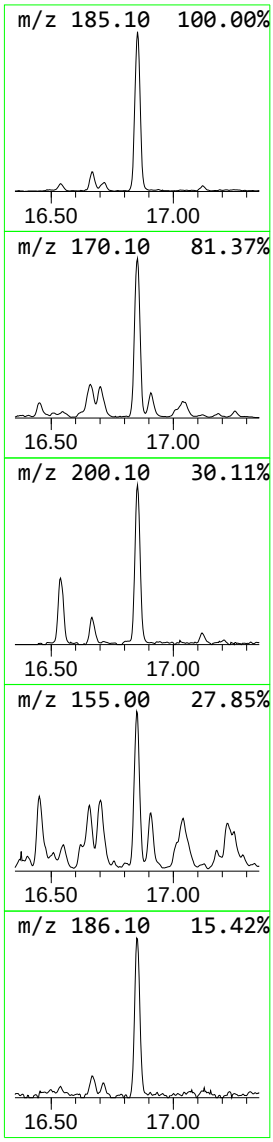
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.853 | 9.35 ug/L | 422509 | 1,4-Dichlorobenzene-d4 | 11.178 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9 | 83 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 64 |
| 3 | 4'-(1-Pyrroyl)acetophenone | 185 | C12H11NO | 022106-37-2 | 58 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 50 |
| 5 | Cyclopropane, 1-methoxy-2,2-dime... | 200 | C14H16O | 1000271-83-0 | 49 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037487.D
Acq On : 23 Sep 2024 16:59
Operator : SY/MD
Sample : VIBLK386
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK386

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 |
| (DEL) Alkane: S... | 10.513 | 2.8 | ug/L | 124091 | 3 | 11.178 | 2259340 | 50.0 |
| Carbonic acid, ... | 11.725 | 4.3 | ug/L | 196479 | 3 | 11.178 | 2259340 | 50.0 |
| 5-Nonanone, 2,8... | 13.320 | 3.1 | ug/L | 140591 | 3 | 11.178 | 2259340 | 50.0 |
| (DEL) Alkane: S... | 14.840 | 3.1 | ug/L | 140756 | 3 | 11.178 | 2259340 | 50.0 |
| (DEL) Alkane: S... | 15.779 | 23.8 | ug/L | 1074170 | 3 | 11.178 | 2259340 | 50.0 |
| 9-Methyl-S-octa... | 16.213 | 6.2 | ug/L | 277989 | 3 | 11.178 | 2259340 | 50.0 |
| 3,4-Dimethyl(1H... | 16.853 | 9.3 | ug/L | 422509 | 3 | 11.178 | 2259340 | 50.0 |