LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

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\SFAMVLM072222WMA.M
Title : VOC Analysis

Signal : TIC: VV027004.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.301 | 74 | 81 | 99 | rVB | 351334 | 369667 | 9.07% | 1.458% |
| 2 | 1.381 | 100 | 106 | 119 | rVB | 31453 | 39561 | 0.97% | 0.156% |
| 3 | 1.564 | 155 | 163 | 176 | rBV | 276934 | 319197 | 7.84% | 1.259% |
| 4 | 2.101 | 320 | 330 | 342 | rBV | 589029 | 832288 | 20.43% | 3.282% |
| 5 | 2.175 | 343 | 353 | 381 | rVB | 227125 | 554971 | 13.62% | 2.188% |
| 6 | 2.812 | 548 | 551 | 558 | rVB3 | 690 | 802 | 0.02% | 0.003% |
| 7 | 2.857 | 561 | 565 | 568 | rBV2 | 740 | 604 | 0.01% | 0.002% |
| 8 | 2.957 | 586 | 596 | 612 | rVV4 | 5223 | 12785 | 0.31% | 0.050% |
| 9 | 3.522 | 762 | 772 | 776 | rVB3 | 676 | 789 | 0.02% | 0.003% |
| 10 | 3.728 | 827 | 836 | 843 | rBV7 | 1635 | 3212 | 0.08% | 0.013% |
| 11 | 3.886 | 874 | 885 | 906 | rBV | 169708 | 532915 | 13.08% | 2.101% |
| 12 | 4.342 | 1011 | 1027 | 1076 | rBV | 372244 | 950933 | 23.34% | 3.750% |
| 13 | 4.793 | 1162 | 1167 | 1172 | rBV4 | 480 | 699 | 0.02% | 0.003% |
| 14 | 5.040 | 1226 | 1244 | 1296 | rBV2 | 897750 | 2343430 | 57.53% | 9.241% |
| 15 | 5.333 | 1328 | 1335 | 1336 | rBV4 | 2239 | 2123 | 0.05% | 0.008% |
| 16 | 5.542 | 1386 | 1400 | 1410 | rBV2 | 11486 | 28801 | 0.71% | 0.114% |
| 17 | 5.612 | 1410 | 1422 | 1458 | rVB | 588039 | 1207886 | 29.65% | 4.763% |
| 18 | 5.908 | 1502 | 1514 | 1526 | rBV3 | 13249 | 30008 | 0.74% | 0.118% |
| 19 | 6.066 | 1548 | 1563 | 1592 | rBV | 497658 | 1023294 | 25.12% | 4.035% |
| 20 | 6.191 | 1595 | 1602 | 1631 | rVB3 | 20210 | 56192 | 1.38% | 0.222% |
| 21 | 6.587 | 1711 | 1725 | 1733 | rBV6 | 11053 | 25819 | 0.63% | 0.102% |
| 22 | 6.985 | 1837 | 1849 | 1874 | rBV | 243724 | 458608 | 11.26% | 1.808% |
| 23 | 7.233 | 1918 | 1926 | 1939 | rBV2 | 17775 | 36453 | 0.89% | 0.144% |
| 24 | 7.313 | 1939 | 1951 | 1969 | rBV | 1020482 | 1786384 | 43.85% | 7.044% |
| 25 | 7.574 | 2027 | 2032 | 2036 | rVB5 | 901 | 884 | 0.02% | 0.003% |
| 26 | 7.619 | 2036 | 2046 | 2067 | rBV | 167795 | 300566 | 7.38% | 1.185% |
| 27 | 7.815 | 2104 | 2107 | 2110 | rBV3 | 715 | 640 | 0.02% | 0.003% |
| 28 | 7.934 | 2141 | 2144 | 2147 | rBV4 | 1356 | 1025 | 0.03% | 0.004% |
| 29 | 7.979 | 2150 | 2158 | 2167 | rVB5 | 11392 | 19792 | 0.49% | 0.078% |
| 30 | 8.088 | 2180 | 2192 | 2225 | rBV2 | 635176 | 1211713 | 29.74% | 4.778% |
| 31 | 8.394 | 2281 | 2287 | 2289 | rBV5 | 2734 | 3032 | 0.07% | 0.012% |
| 32 | 8.728 | 2384 | 2391 | 2400 | rVB6 | 1083 | 1831 | 0.04% | 0.007% |
| 33 | 8.850 | 2414 | 2429 | 2456 | rBV | 909915 | 1509682 | 37.06% | 5.953% |
| 34 | 9.014 | 2471 | 2480 | 2496 | rBV | 53946 | 95001 | 2.33% | 0.375% |
| 35 | 9.140 | 2513 | 2519 | 2533 | rVB3 | 16847 | 30090 | 0.74% | 0.119% |
| 36 | 9.252 | 2547 | 2554 | 2561 | rBV4 | 4205 | 6411 | 0.16% | 0.025% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

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\SFAMVLM072222WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.390 | 2590 | 2597 | 2605 | rBV6 | 4213 | 7749 | 0.19% | 0.031% |
| 38 | 9.484 | 2621 | 2626 | 2627 | rBV3 | 772 | 604 | 0.01% | 0.002% |
| 39 | 9.503 | 2629 | 2632 | 2637 | rBV5 | 1626 | 1954 | 0.05% | 0.008% |
| 40 | 9.548 | 2637 | 2646 | 2660 | rVV5 | 12315 | 26549 | 0.65% | 0.105% |
| 41 | 9.712 | 2689 | 2697 | 2708 | rVV | 13196 | 22399 | 0.55% | 0.088% |
| 42 | 9.812 | 2721 | 2728 | 2739 | rBV6 | 11522 | 22760 | 0.56% | 0.090% |
| 43 | 10.021 | 2784 | 2793 | 2811 | rVB3 | 14553 | 26695 | 0.66% | 0.105% |
| 44 | 10.214 | 2838 | 2853 | 2881 | rVB | 739330 | 1157978 | 28.43% | 4.566% |
| 45 | 10.358 | 2891 | 2898 | 2907 | rVV9 | 2647 | 3618 | 0.09% | 0.014% |
| 46 | 10.451 | 2917 | 2927 | 2928 | rBV6 | 3468 | 3933 | 0.10% | 0.016% |
| 47 | 10.541 | 2942 | 2955 | 2962 | rBV7 | 5872 | 9528 | 0.23% | 0.038% |
| 48 | 10.590 | 2963 | 2970 | 2978 | rVV7 | 2967 | 5248 | 0.13% | 0.021% |
| 49 | 10.696 | 2993 | 3003 | 3012 | rBV5 | 5507 | 9335 | 0.23% | 0.037% |
| 50 | 10.744 | 3012 | 3018 | 3025 | rVB7 | 2564 | 3733 | 0.09% | 0.015% |
| 51 | 10.824 | 3035 | 3043 | 3046 | rBV6 | 4926 | 5947 | 0.15% | 0.023% |
| 52 | 10.914 | 3062 | 3071 | 3087 | rBV4 | 11892 | 25353 | 0.62% | 0.100% |
| 53 | 11.024 | 3090 | 3105 | 3121 | rVB4 | 15744 | 36204 | 0.89% | 0.143% |
| 54 | 11.172 | 3141 | 3151 | 3161 | rBV | 54843 | 88506 | 2.17% | 0.349% |
| 55 | 11.246 | 3163 | 3174 | 3196 | rVV | 1011121 | 1566411 | 38.45% | 6.177% |
| 56 | 11.336 | 3198 | 3202 | 3213 | rVB4 | 7432 | 12128 | 0.30% | 0.048% |
| 57 | 11.400 | 3216 | 3222 | 3231 | rVV6 | 4304 | 6620 | 0.16% | 0.026% |
| 58 | 11.529 | 3244 | 3262 | 3280 | rVV2 | 182578 | 327343 | 8.04% | 1.291% |
| 59 | 11.622 | 3280 | 3291 | 3312 | rVB | 1077363 | 1674329 | 41.10% | 6.602% |
| 60 | 11.744 | 3317 | 3329 | 3346 | rBV | 421032 | 662135 | 16.25% | 2.611% |
| 61 | 11.918 | 3377 | 3383 | 3395 | rVB3 | 28274 | 47302 | 1.16% | 0.187% |
| 62 | 12.017 | 3408 | 3414 | 3419 | rBV5 | 3689 | 5107 | 0.13% | 0.020% |
| 63 | 12.117 | 3439 | 3445 | 3452 | rVB2 | 6742 | 9778 | 0.24% | 0.039% |
| 64 | 12.249 | 3477 | 3486 | 3489 | rBV7 | 4396 | 6431 | 0.16% | 0.025% |
| 65 | 12.355 | 3510 | 3519 | 3536 | rBV5 | 21943 | 47413 | 1.16% | 0.187% |
| 66 | 12.467 | 3544 | 3554 | 3565 | rBV6 | 28530 | 56428 | 1.39% | 0.223% |
| 67 | 12.680 | 3616 | 3620 | 3622 | rBV2 | 1344 | 969 | 0.02% | 0.004% |
| 68 | 12.728 | 3626 | 3635 | 3645 | rVV5 | 26681 | 43386 | 1.07% | 0.171% |
| 69 | 12.786 | 3645 | 3653 | 3664 | rVB6 | 13396 | 21580 | 0.53% | 0.085% |
| 70 | 12.882 | 3674 | 3683 | 3694 | rVB2 | 28099 | 43114 | 1.06% | 0.170% |
| 71 | 12.950 | 3696 | 3704 | 3714 | rVB8 | 9101 | 14955 | 0.37% | 0.059% |
| 72 | 13.046 | 3723 | 3734 | 3747 | rBV2 | 68273 | 109181 | 2.68% | 0.431% |
| 73 | 13.159 | 3758 | 3769 | 3777 | rVB8 | 10285 | 16827 | 0.41% | 0.066% |
| 74 | 13.207 | 3779 | 3784 | 3786 | rBV5 | 1131 | 961 | 0.02% | 0.004% |
| 75 | 13.268 | 3796 | 3803 | 3811 | rVB5 | 5590 | 7271 | 0.18% | 0.029% |
| 76 | 13.368 | 3825 | 3834 | 3844 | rBV7 | 10917 | 25318 | 0.62% | 0.100% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

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\SFAMVLM072222WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.500 | 3859 | 3875 | 3899 | rBV | 2742304 | 4073678 | 100.00% | 16.064% |
| 78 | 13.622 | 3903 | 3913 | 3931 | rVB | 121476 | 198269 | 4.87% | 0.782% |
| 79 | 13.808 | 3966 | 3971 | 3974 | rBV6 | 2401 | 2596 | 0.06% | 0.010% |
| 80 | 13.908 | 3997 | 4002 | 4008 | rVV8 | 2360 | 3050 | 0.07% | 0.012% |
| 81 | 14.085 | 4054 | 4057 | 4058 | rBV3 | 1575 | 810 | 0.02% | 0.003% |
| 82 | 14.294 | 4113 | 4122 | 4130 | rBV8 | 3953 | 6378 | 0.16% | 0.025% |
| 83 | 14.432 | 4158 | 4165 | 4168 | rBV5 | 1362 | 1625 | 0.04% | 0.006% |
| 84 | 14.541 | 4195 | 4199 | 4201 | rBV2 | 1013 | 731 | 0.02% | 0.003% |
| 85 | 14.577 | 4201 | 4210 | 4217 | rVV2 | 7894 | 12493 | 0.31% | 0.049% |
| 86 | 14.631 | 4217 | 4227 | 4249 | rVB | 315382 | 491927 | 12.08% | 1.940% |
| 87 | 14.747 | 4256 | 4263 | 4273 | rBV2 | 10082 | 16051 | 0.39% | 0.063% |
| 88 | 14.815 | 4274 | 4284 | 4300 | rVV | 141089 | 235994 | 5.79% | 0.931% |
| 89 | 14.988 | 4335 | 4338 | 4345 | rBV6 | 939 | 1143 | 0.03% | 0.005% |
| 90 | 15.226 | 4409 | 4412 | 4415 | rVV2 | 926 | 681 | 0.02% | 0.003% |
| 91 | 15.271 | 4423 | 4426 | 4430 | rBV3 | 865 | 901 | 0.02% | 0.004% |
| 92 | 15.364 | 4445 | 4455 | 4467 | rVB | 41417 | 66085 | 1.62% | 0.261% |
| 93 | 15.554 | 4508 | 4514 | 4519 | rBV4 | 6393 | 7484 | 0.18% | 0.030% |
| 94 | 15.663 | 4541 | 4548 | 4563 | rVB5 | 13951 | 24820 | 0.61% | 0.098% |
| 95 | 15.808 | 4586 | 4593 | 4601 | rBV2 | 20285 | 31202 | 0.77% | 0.123% |
| 96 | 16.030 | 4659 | 4662 | 4664 | rBV3 | 3427 | 2580 | 0.06% | 0.010% |
| 97 | 16.274 | 4732 | 4738 | 4750 | rVB4 | 13518 | 24804 | 0.61% | 0.098% |
| 98 | 16.483 | 4793 | 4803 | 4819 | rBV | 74623 | 118519 | 2.91% | 0.467% |
| 99 | 16.786 | 4890 | 4897 | 4909 | rVB | 32791 | 47487 | 1.17% | 0.187% |
| 100 | 17.387 | 5079 | 5084 | 5096 | rVB2 | 18947 | 29167 | 0.72% | 0.115% |

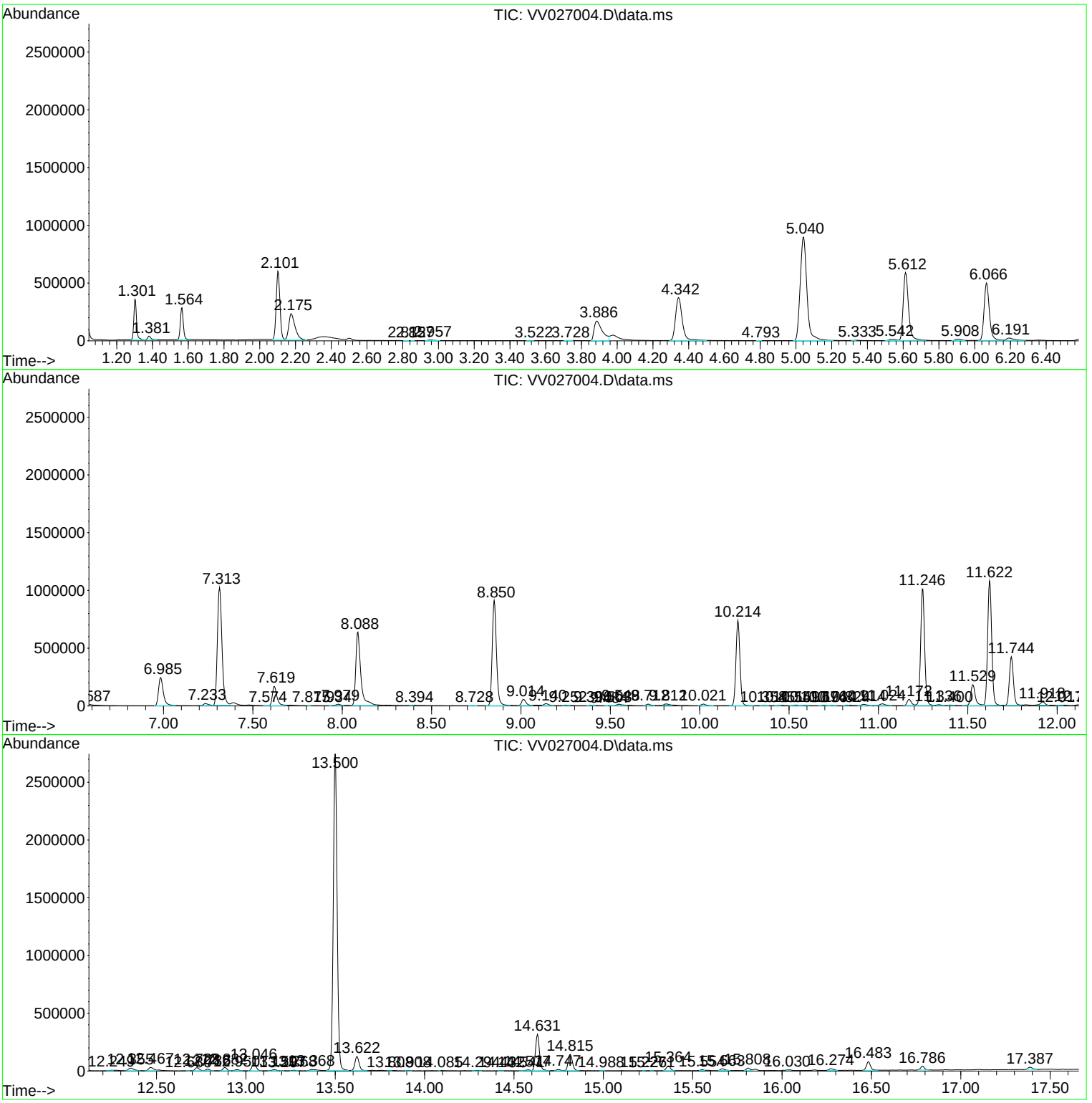
Sum of corrected areas: 25359643

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

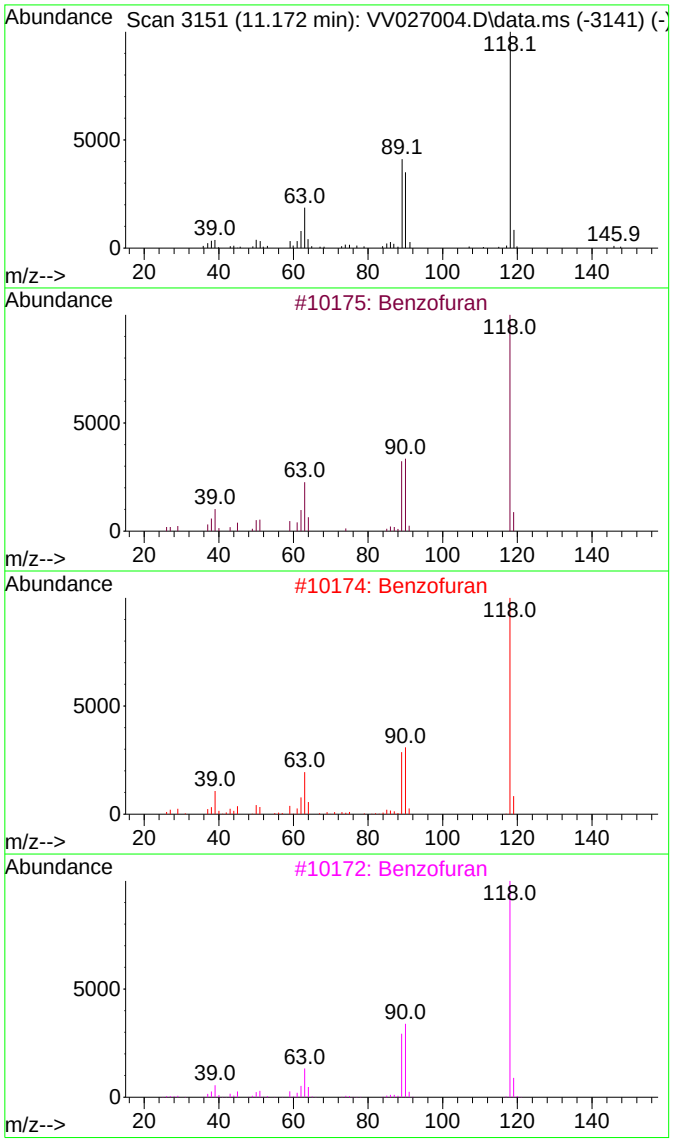
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

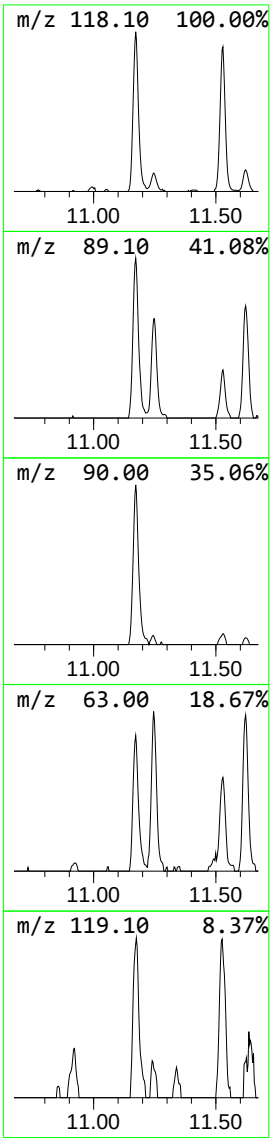
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzofuran Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.172 | 2.83 ug/L | 88506 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran | 118 | C8H6O | 000271-89-6 | 91 |
| 2 | Benzofuran | 118 | C8H6O | 000271-89-6 | 87 |
| 3 | Benzofuran | 118 | C8H6O | 000271-89-6 | 87 |
| 4 | Coumarin | 146 | C9H6O2 | 000091-64-5 | 74 |
| 5 | 3-Hydroxyphenylacetylene | 118 | C8H6O | 010401-11-3 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

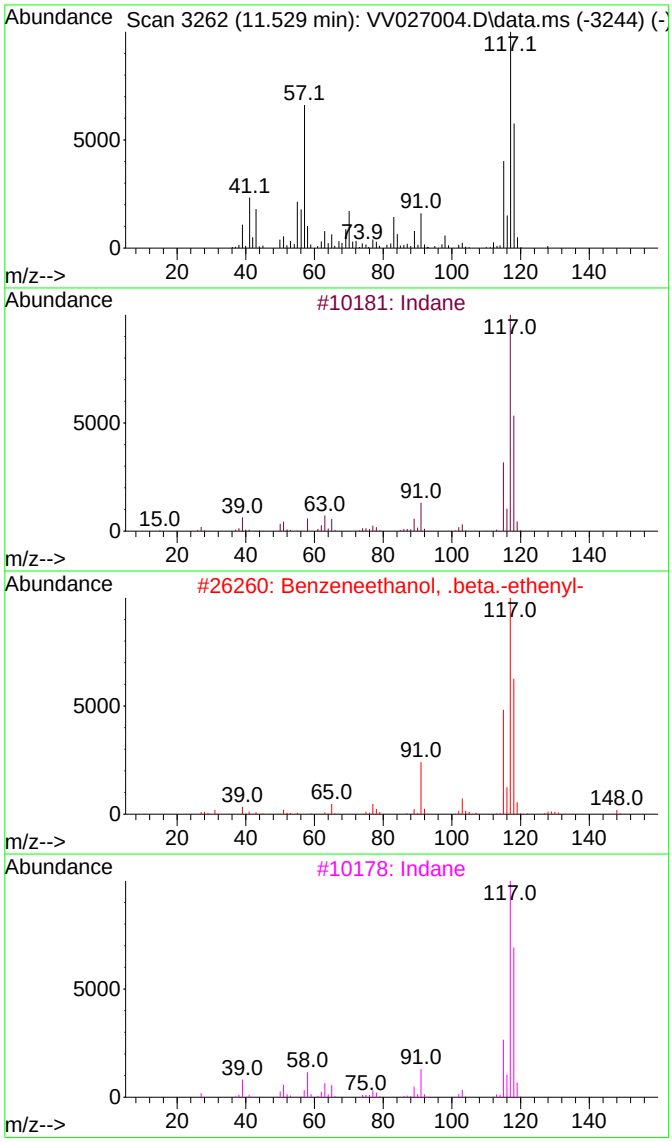
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

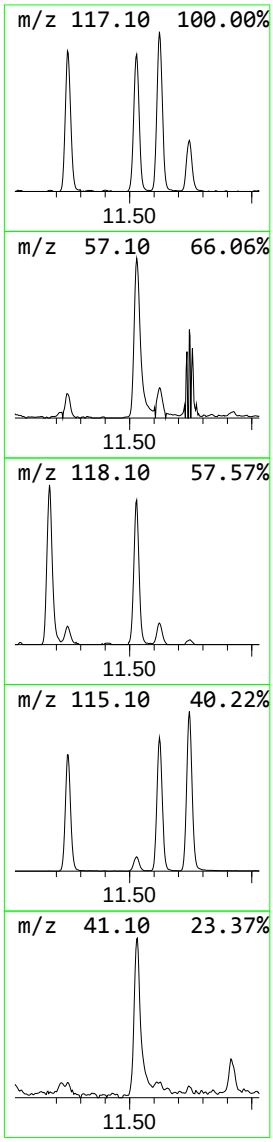
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Indane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.529 | 10.45 ug/L | 327343 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 89 |
| 2 | Benzeneethanol, .beta.-ethenyl- | 148 | C10H12O | 006052-63-7 | 78 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

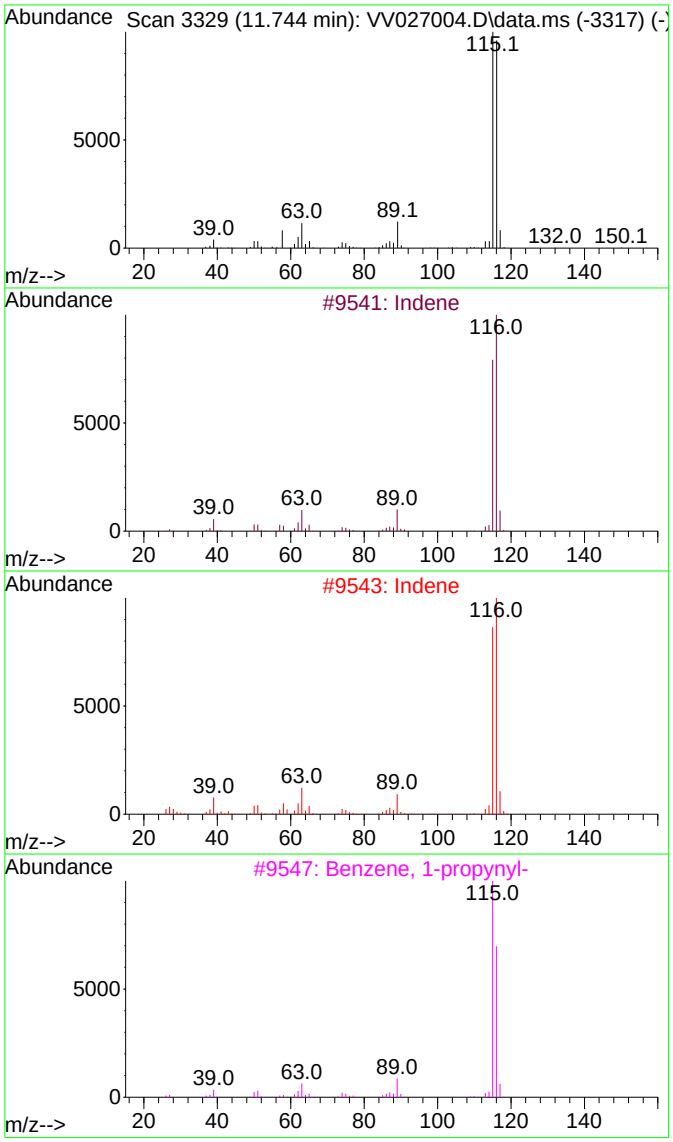
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

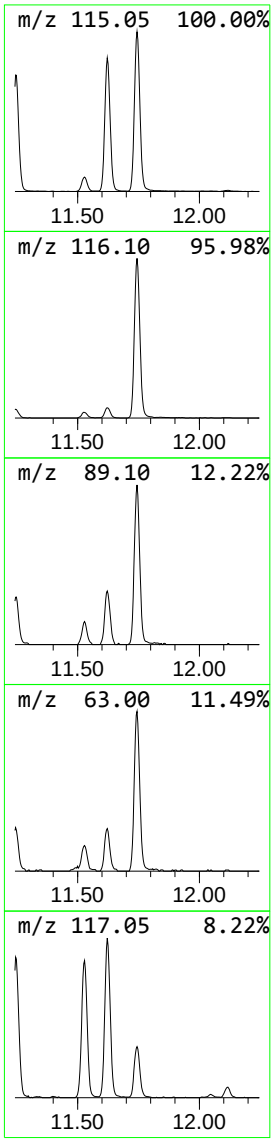
**********

Peak Number 4 Indene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.744 | 21.14 ug/L | 662135 | 1,4-Dichlorobenzene-d4 | 11.249 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

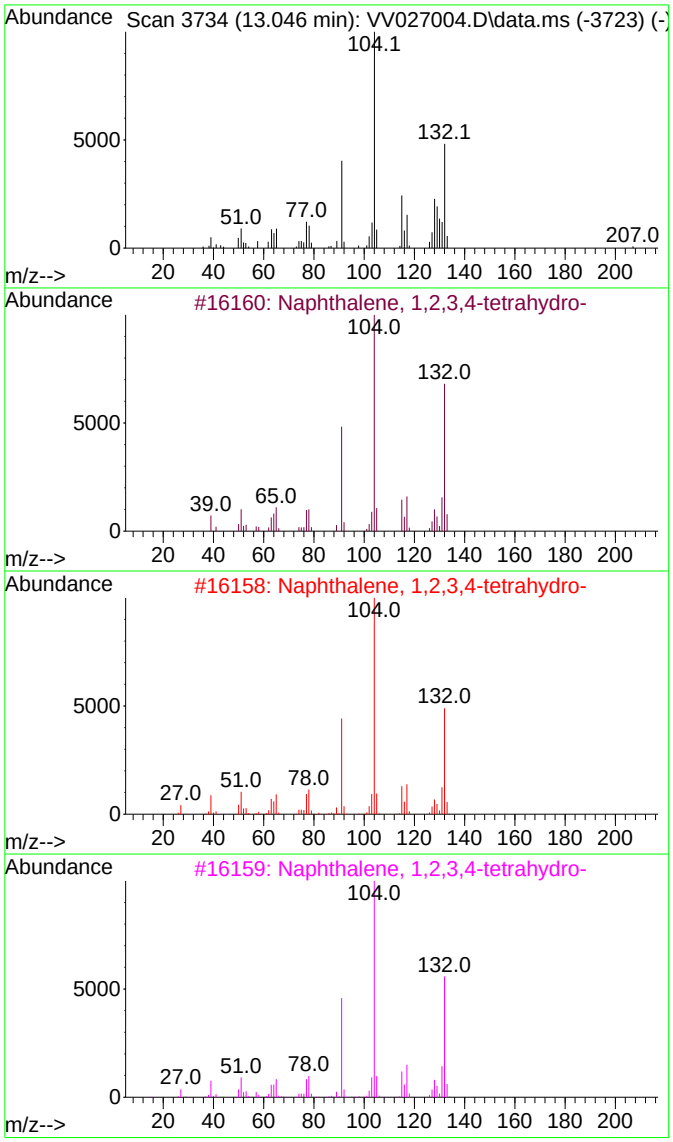
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

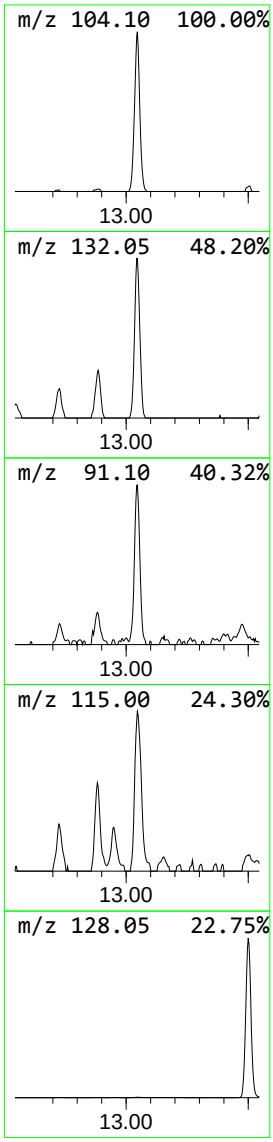
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.046 | 3.49 ug/L | 109181 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 94 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

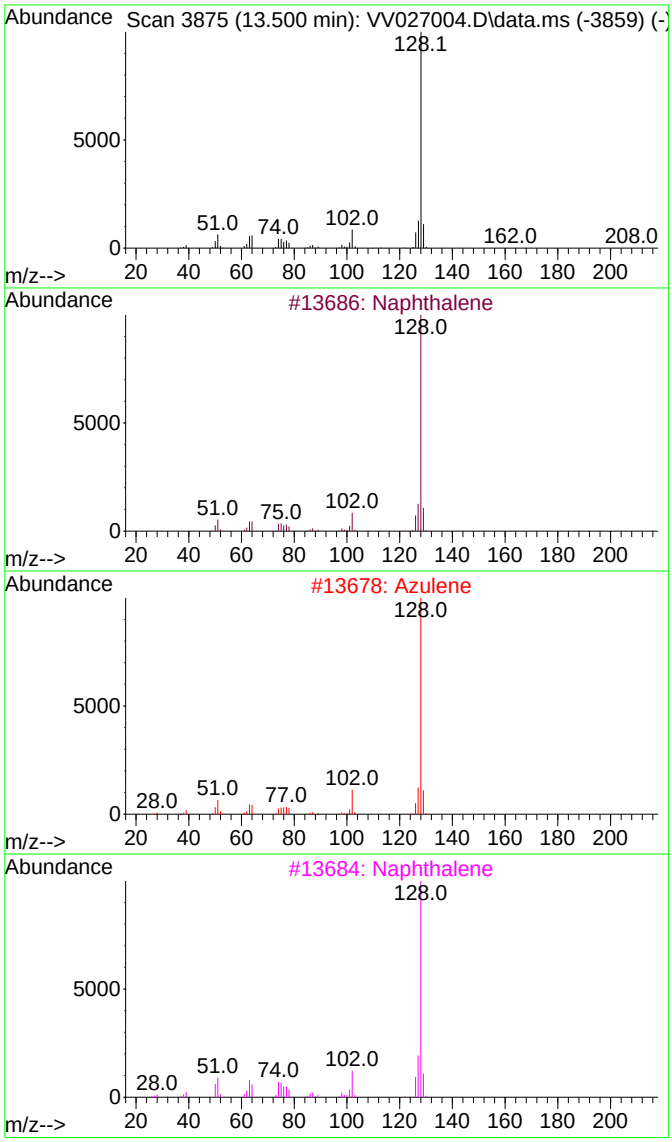
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

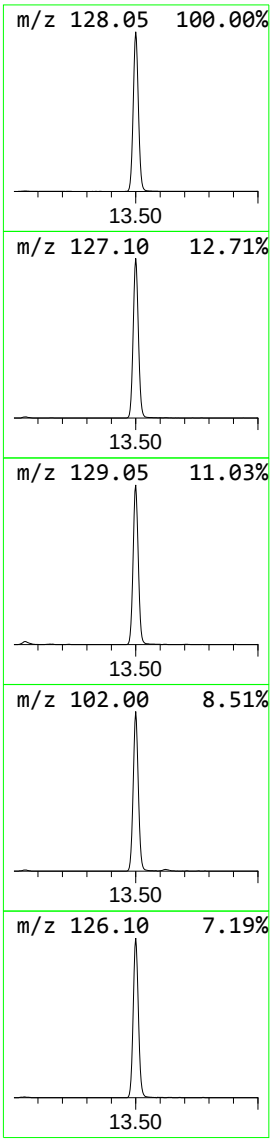
**********

Peak Number 6 Azulene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.500 | 130.03 ug/L | 4073680 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 2 | Azulene | 128 | C10H8 | 000275-51-4 | 94 |
| 3 | Naphthalene | 128 | C10H8 | 000091-20-3 | 94 |
| 4 | Naphthalene | 128 | C10H8 | 000091-20-3 | 94 |
| 5 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

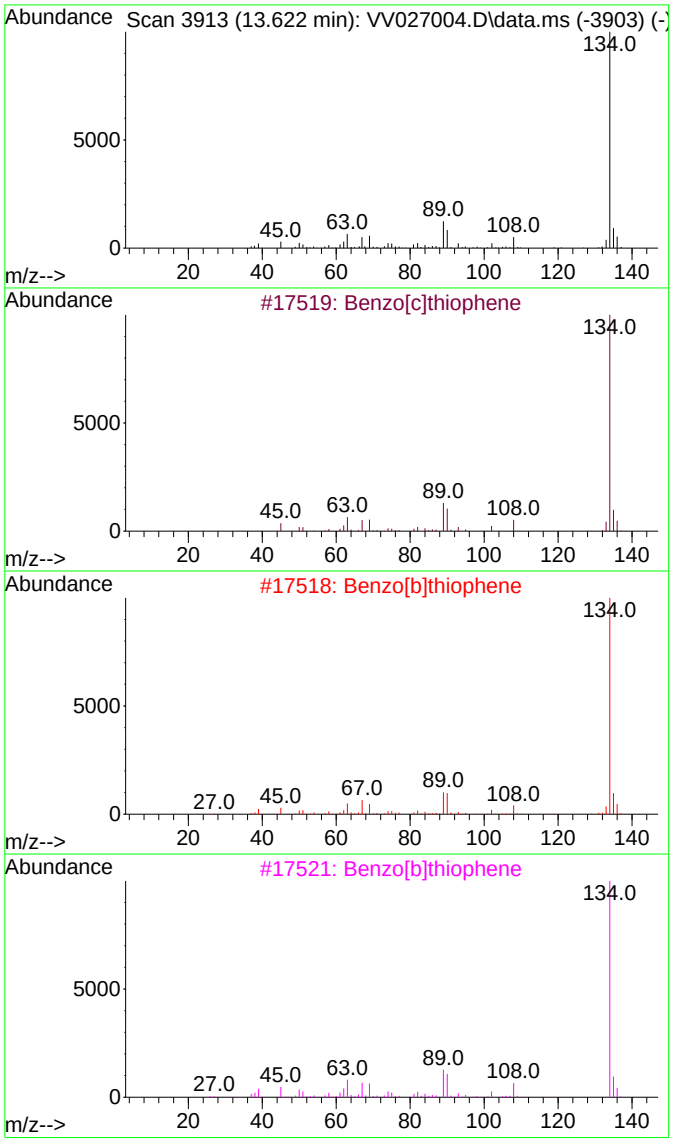
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

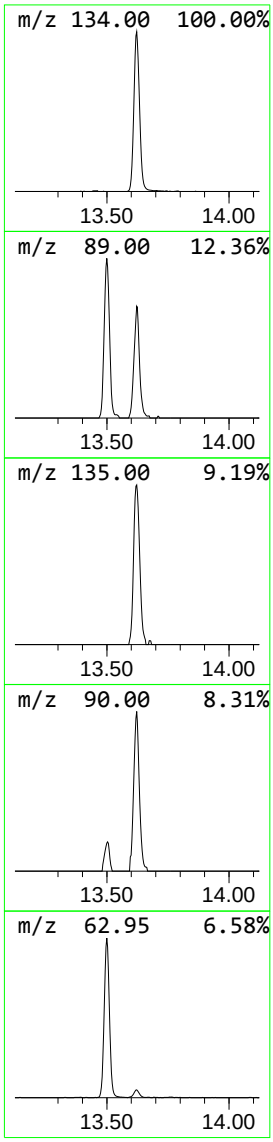
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzo[c]thiophene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.622 | 6.33 ug/L | 198269 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 97 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 95 |
| 3 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 95 |
| 4 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 94 |
| 5 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

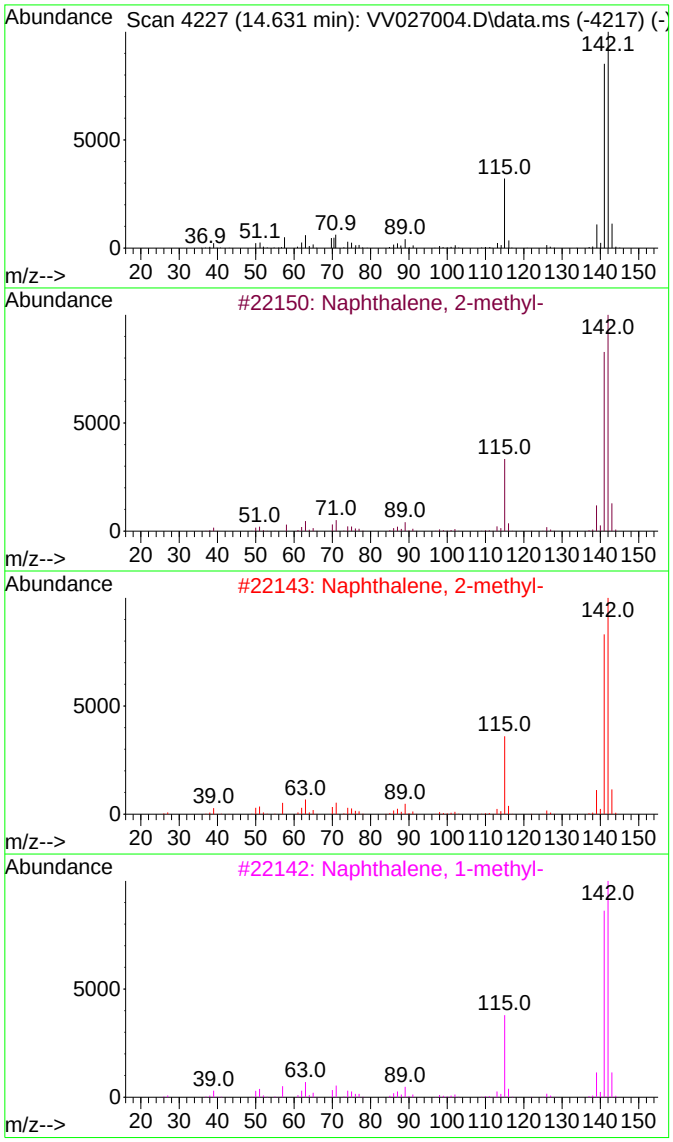
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

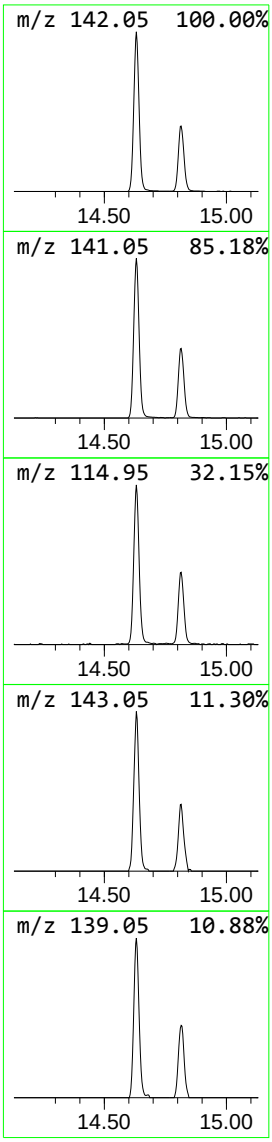
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.631 | 15.70 ug/L | 491927 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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

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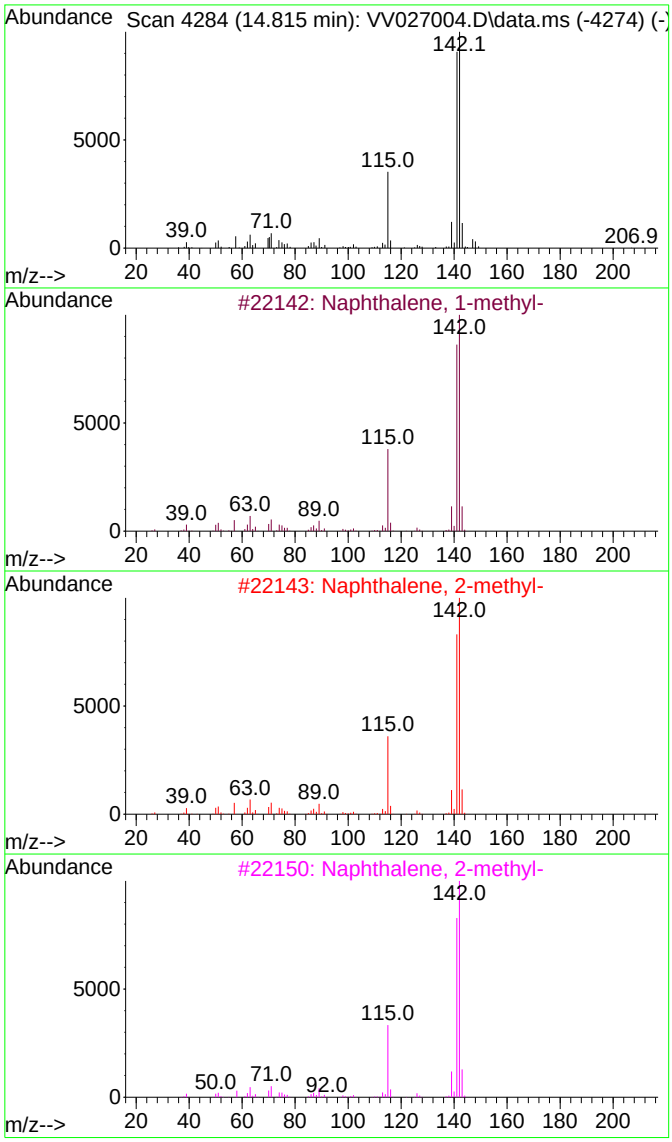
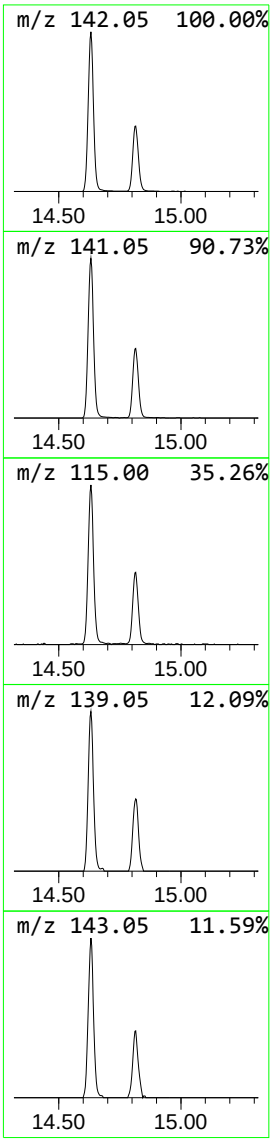
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.815 | 7.53 ug/L | 235994 | 1,4-Dichlorobenzene-d4 | 11.249 |

| 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 | 95 |
| 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\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis

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

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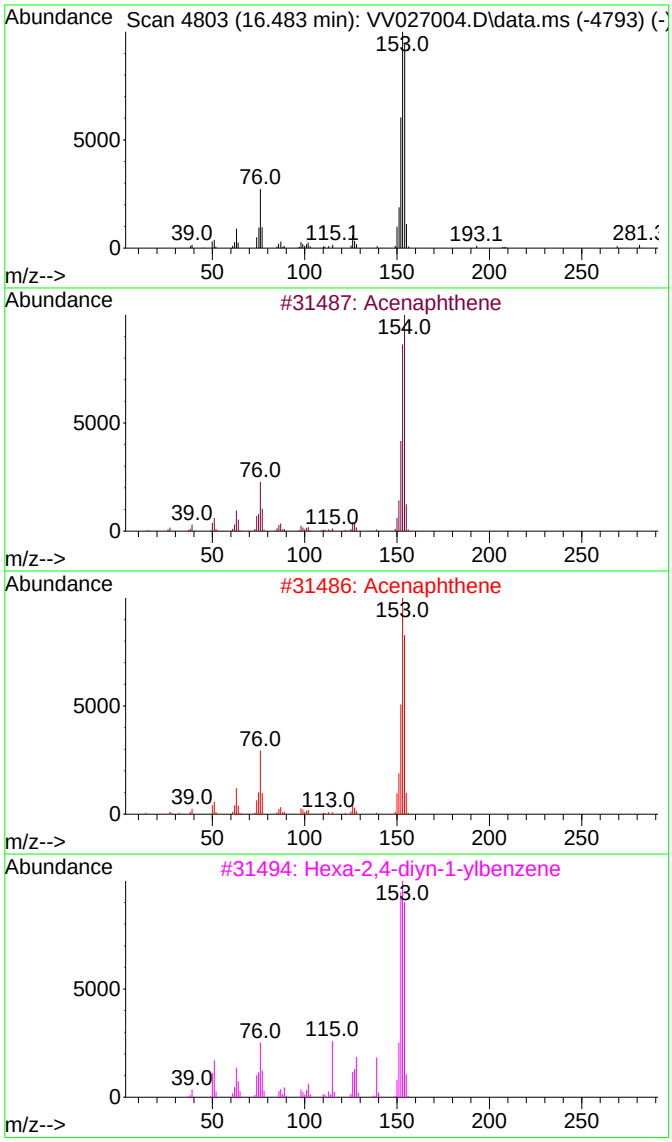
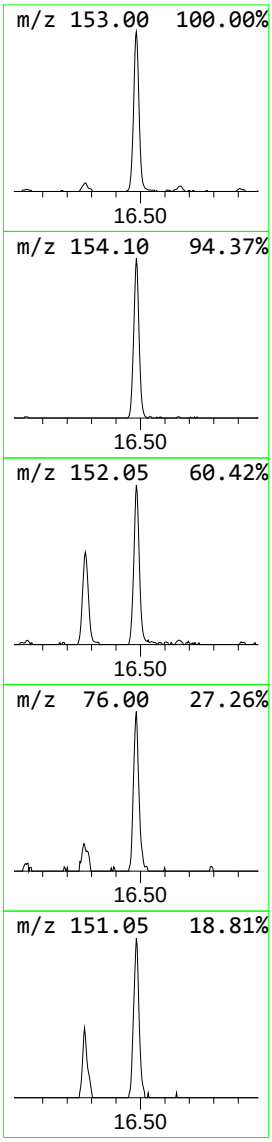
Peak Number 10 Acenaphthene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.483 | 3.78 ug/L | 118519 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 91 |
| 2 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 89 |
| 3 | Hexa-2,4-diyn-1-ylbenzene | 154 | C12H10 | 000520-74-1 | 64 |
| 4 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 64 |
| 5 | Acenaphthene | 154 | C12H10 | 000083-32-9 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027004.D
Acq On : 27 Jul 2022 17:22
Operator : SY/MD
Sample : N3843-11 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUP1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.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 |
| Benzofuran | 11.172 | 2.8 | ug/L | 88506 | 3 | 11.249 | 1566410 | 50.0 |
| Indane | 11.529 | 10.4 | ug/L | 327343 | 3 | 11.249 | 1566410 | 50.0 |
| Indene | 11.744 | 21.1 | ug/L | 662135 | 3 | 11.249 | 1566410 | 50.0 |
| Naphthalene, 1,... | 13.046 | 3.5 | ug/L | 109181 | 3 | 11.249 | 1566410 | 50.0 |
| Azulene | 13.500 | 130.0 | ug/L | 4073680 | 3 | 11.249 | 1566410 | 50.0 |
| Benzo[c]thiophene | 13.622 | 6.3 | ug/L | 198269 | 3 | 11.249 | 1566410 | 50.0 |
| Naphthalene, 2-... | 14.631 | 15.7 | ug/L | 491927 | 3 | 11.249 | 1566410 | 50.0 |
| Naphthalene, 1-... | 14.815 | 7.5 | ug/L | 235994 | 3 | 11.249 | 1566410 | 50.0 |
| Acenaphthene | 16.483 | 3.8 | ug/L | 118519 | 3 | 11.249 | 1566410 | 50.0 |