LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

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\SFAMVLM120722WMA.M
Title : VOC Analysis

Signal : TIC: VV029505.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.311 | 75 | 84 | 100 | rBV | 5790111 | 5884615 | 16.49% | 2.631% |
| 2 | 1.462 | 128 | 131 | 143 | rVB7 | 5554 | 8298 | 0.02% | 0.004% |
| 3 | 1.581 | 155 | 168 | 181 | rBV | 2768985 | 3260284 | 9.13% | 1.458% |
| 4 | 1.774 | 221 | 228 | 232 | rBV | 14401 | 16936 | 0.05% | 0.008% |
| 5 | 1.803 | 232 | 237 | 245 | rVB | 26566 | 32433 | 0.09% | 0.015% |
| 6 | 2.028 | 299 | 307 | 320 | rBV5 | 4808 | 7420 | 0.02% | 0.003% |
| 7 | 2.108 | 320 | 332 | 345 | rBV3 | 337787 | 550467 | 1.54% | 0.246% |
| 8 | 2.201 | 355 | 361 | 370 | rVB | 6148 | 9101 | 0.03% | 0.004% |
| 9 | 2.503 | 444 | 455 | 470 | rBV4 | 26815 | 60624 | 0.17% | 0.027% |
| 10 | 2.574 | 470 | 477 | 483 | rVV | 11827 | 19245 | 0.05% | 0.009% |
| 11 | 2.619 | 483 | 491 | 517 | rVB2 | 27087 | 60075 | 0.17% | 0.027% |
| 12 | 2.754 | 521 | 533 | 555 | rBV | 277423 | 490030 | 1.37% | 0.219% |
| 13 | 3.037 | 612 | 621 | 641 | rVB4 | 6387 | 13545 | 0.04% | 0.006% |
| 14 | 3.182 | 644 | 666 | 749 | rBV | 8317025 | 17542743 | 49.15% | 7.843% |
| 15 | 3.757 | 830 | 845 | 857 | rBV3 | 10412 | 25679 | 0.07% | 0.011% |
| 16 | 3.899 | 870 | 889 | 973 | rBV | 6420687 | 15726499 | 44.06% | 7.031% |
| 17 | 4.339 | 1009 | 1026 | 1051 | rBV | 218888 | 539251 | 1.51% | 0.241% |
| 18 | 4.600 | 1087 | 1107 | 1147 | rBV | 1294759 | 3285798 | 9.21% | 1.469% |
| 19 | 5.040 | 1224 | 1244 | 1255 | rBV2 | 529921 | 1364533 | 3.82% | 0.610% |
| 20 | 5.195 | 1285 | 1292 | 1320 | rVB3 | 23717 | 66827 | 0.19% | 0.030% |
| 21 | 5.320 | 1321 | 1331 | 1341 | rVV7 | 5777 | 12183 | 0.03% | 0.005% |
| 22 | 5.609 | 1408 | 1421 | 1455 | rBV | 554685 | 1113547 | 3.12% | 0.498% |
| 23 | 5.908 | 1500 | 1514 | 1546 | rBV | 182654 | 375556 | 1.05% | 0.168% |
| 24 | 6.063 | 1546 | 1562 | 1575 | rBV | 307456 | 626112 | 1.75% | 0.280% |
| 25 | 6.368 | 1644 | 1657 | 1675 | rBV3 | 28642 | 65499 | 0.18% | 0.029% |
| 26 | 6.979 | 1836 | 1847 | 1876 | rBV | 148156 | 278891 | 0.78% | 0.125% |
| 27 | 7.230 | 1918 | 1925 | 1927 | rBV4 | 5331 | 5632 | 0.02% | 0.003% |
| 28 | 7.307 | 1937 | 1949 | 1961 | rBV | 653104 | 1118623 | 3.13% | 0.500% |
| 29 | 7.378 | 1961 | 1971 | 1993 | rVV | 1337867 | 2309251 | 6.47% | 1.032% |
| 30 | 7.468 | 1993 | 1999 | 2027 | rVB2 | 18191 | 41110 | 0.12% | 0.018% |
| 31 | 7.613 | 2033 | 2044 | 2067 | rBV | 106563 | 193995 | 0.54% | 0.087% |
| 32 | 7.834 | 2103 | 2113 | 2132 | rVB2 | 34860 | 60746 | 0.17% | 0.027% |
| 33 | 7.934 | 2133 | 2144 | 2147 | rBV3 | 7891 | 11870 | 0.03% | 0.005% |
| 34 | 7.969 | 2147 | 2155 | 2164 | rVB3 | 26852 | 43691 | 0.12% | 0.020% |
| 35 | 8.082 | 2179 | 2190 | 2229 | rBV | 423864 | 748318 | 2.10% | 0.335% |
| 36 | 8.285 | 2244 | 2253 | 2263 | rVB3 | 8100 | 13072 | 0.04% | 0.006% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

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\SFAMVLM120722WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.722 | 2376 | 2389 | 2399 | rBV3 | 5435 | 10378 | 0.03% | 0.005% |
| 38 | 8.844 | 2410 | 2427 | 2447 | rBV | 829605 | 1430271 | 4.01% | 0.639% |
| 39 | 9.005 | 2463 | 2477 | 2501 | rBV | 5495733 | 8487489 | 23.78% | 3.795% |
| 40 | 9.130 | 2502 | 2516 | 2558 | rVB | 11764780 | 18892087 | 52.93% | 8.446% |
| 41 | 9.378 | 2587 | 2593 | 2606 | rVB3 | 6547 | 10361 | 0.03% | 0.005% |
| 42 | 9.535 | 2628 | 2642 | 2678 | rVB | 6768918 | 10398163 | 29.13% | 4.649% |
| 43 | 9.699 | 2684 | 2693 | 2700 | rVB7 | 6335 | 10375 | 0.03% | 0.005% |
| 44 | 9.793 | 2712 | 2722 | 2731 | rBV7 | 3157 | 5711 | 0.02% | 0.003% |
| 45 | 9.921 | 2748 | 2762 | 2782 | rBV | 657079 | 1007411 | 2.82% | 0.450% |
| 46 | 10.075 | 2797 | 2810 | 2819 | rBV6 | 14850 | 32696 | 0.09% | 0.015% |
| 47 | 10.162 | 2825 | 2837 | 2841 | rBV2 | 18327 | 27964 | 0.08% | 0.013% |
| 48 | 10.207 | 2841 | 2851 | 2863 | rVB | 483451 | 747876 | 2.10% | 0.334% |
| 49 | 10.342 | 2879 | 2893 | 2910 | rBV | 2626628 | 3956480 | 11.09% | 1.769% |
| 50 | 10.439 | 2910 | 2923 | 2941 | rVV | 8920254 | 19136849 | 53.62% | 8.556% |
| 51 | 10.529 | 2941 | 2951 | 2978 | rVB | 4919010 | 7355654 | 20.61% | 3.289% |
| 52 | 10.690 | 2989 | 3001 | 3003 | rBV | 153541 | 199056 | 0.56% | 0.089% |
| 53 | 10.728 | 3003 | 3013 | 3037 | rVB | 5875053 | 8869739 | 24.85% | 3.966% |
| 54 | 10.854 | 3045 | 3052 | 3055 | rBV | 11513 | 13158 | 0.04% | 0.006% |
| 55 | 10.908 | 3055 | 3069 | 3093 | rVV | 23677175 | 35690044 | 100.00% | 15.956% |
| 56 | 11.011 | 3095 | 3101 | 3105 | rVV5 | 12378 | 17591 | 0.05% | 0.008% |
| 57 | 11.047 | 3105 | 3112 | 3115 | rVV | 49394 | 66135 | 0.19% | 0.030% |
| 58 | 11.079 | 3115 | 3122 | 3137 | rVB | 139384 | 219526 | 0.62% | 0.098% |
| 59 | 11.185 | 3137 | 3155 | 3162 | rBV | 322540 | 513901 | 1.44% | 0.230% |
| 60 | 11.236 | 3162 | 3171 | 3187 | rVB2 | 1151900 | 1827596 | 5.12% | 0.817% |
| 61 | 11.326 | 3187 | 3199 | 3214 | rBV | 7708654 | 11410735 | 31.97% | 5.102% |
| 62 | 11.442 | 3226 | 3235 | 3242 | rBV | 43370 | 67878 | 0.19% | 0.030% |
| 63 | 11.516 | 3247 | 3258 | 3268 | rVV | 3158725 | 5047776 | 14.14% | 2.257% |
| 64 | 11.561 | 3268 | 3272 | 3280 | rVV | 538560 | 745735 | 2.09% | 0.333% |
| 65 | 11.622 | 3280 | 3291 | 3316 | rVB4 | 1442486 | 3372705 | 9.45% | 1.508% |
| 66 | 11.735 | 3316 | 3326 | 3337 | rBV | 102626 | 152666 | 0.43% | 0.068% |
| 67 | 11.809 | 3337 | 3349 | 3364 | rVB | 312675 | 480122 | 1.35% | 0.215% |
| 68 | 11.911 | 3364 | 3381 | 3400 | rBV | 11191482 | 19008984 | 53.26% | 8.499% |
| 69 | 12.005 | 3401 | 3410 | 3430 | rVV | 909297 | 1603912 | 4.49% | 0.717% |
| 70 | 12.104 | 3430 | 3441 | 3471 | rVB2 | 289177 | 693764 | 1.94% | 0.310% |
| 71 | 12.249 | 3476 | 3486 | 3492 | rBV4 | 17332 | 30408 | 0.09% | 0.014% |
| 72 | 12.304 | 3492 | 3503 | 3513 | rVB | 303032 | 461327 | 1.29% | 0.206% |
| 73 | 12.400 | 3514 | 3533 | 3541 | rBV | 506847 | 812237 | 2.28% | 0.363% |
| 74 | 12.455 | 3541 | 3550 | 3565 | rVB | 804976 | 1192830 | 3.34% | 0.533% |
| 75 | 12.538 | 3568 | 3576 | 3581 | rBV4 | 19221 | 27660 | 0.08% | 0.012% |
| 76 | 12.574 | 3582 | 3587 | 3592 | rVB | 9570 | 10356 | 0.03% | 0.005% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

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\SFAMVLM120722WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 12.632 | 3602 | 3605 | 3611 | rVB3 | 7197 | 6862 | 0.02% | 0.003% |
| 78 | 12.712 | 3612 | 3630 | 3644 | rVB | 237500 | 368396 | 1.03% | 0.165% |
| 79 | 12.780 | 3645 | 3651 | 3659 | rVB3 | 10061 | 13729 | 0.04% | 0.006% |
| 80 | 12.870 | 3659 | 3679 | 3691 | rBV2 | 864221 | 1379707 | 3.87% | 0.617% |
| 81 | 12.989 | 3710 | 3716 | 3721 | rBV | 8315 | 11416 | 0.03% | 0.005% |
| 82 | 13.034 | 3721 | 3730 | 3744 | rVB2 | 165975 | 263703 | 0.74% | 0.118% |
| 83 | 13.153 | 3754 | 3767 | 3776 | rBV3 | 53689 | 93809 | 0.26% | 0.042% |
| 84 | 13.204 | 3776 | 3783 | 3790 | rVB3 | 13323 | 18335 | 0.05% | 0.008% |
| 85 | 13.255 | 3790 | 3799 | 3805 | rBV2 | 40999 | 63440 | 0.18% | 0.028% |
| 86 | 13.323 | 3815 | 3820 | 3824 | rBV2 | 5493 | 5577 | 0.02% | 0.002% |
| 87 | 13.355 | 3825 | 3830 | 3835 | rVV2 | 10276 | 11818 | 0.03% | 0.005% |
| 88 | 13.387 | 3835 | 3840 | 3848 | rVB | 15775 | 20959 | 0.06% | 0.009% |
| 89 | 13.429 | 3848 | 3853 | 3860 | rVB6 | 6151 | 7300 | 0.02% | 0.003% |
| 90 | 13.490 | 3860 | 3872 | 3897 | rBV | 770609 | 1230918 | 3.45% | 0.550% |
| 91 | 13.706 | 3929 | 3939 | 3941 | rBV5 | 7531 | 11702 | 0.03% | 0.005% |
| 92 | 13.751 | 3949 | 3953 | 3961 | rVB4 | 4304 | 5346 | 0.01% | 0.002% |
| 93 | 13.898 | 3988 | 3999 | 4010 | rVV4 | 9579 | 18147 | 0.05% | 0.008% |
| 94 | 14.079 | 4046 | 4055 | 4057 | rBV4 | 10403 | 14266 | 0.04% | 0.006% |
| 95 | 14.217 | 4091 | 4098 | 4109 | rVV2 | 8589 | 13480 | 0.04% | 0.006% |
| 96 | 14.275 | 4110 | 4116 | 4125 | rVB3 | 6876 | 9637 | 0.03% | 0.004% |
| 97 | 14.416 | 4152 | 4160 | 4167 | rBV6 | 6592 | 9594 | 0.03% | 0.004% |
| 98 | 14.619 | 4213 | 4223 | 4241 | rBV | 22600 | 39605 | 0.11% | 0.018% |
| 99 | 14.802 | 4273 | 4280 | 4293 | rVB2 | 13340 | 19788 | 0.06% | 0.009% |
| 100 | 15.763 | 4571 | 4579 | 4584 | rBV6 | 4418 | 6935 | 0.02% | 0.003% |

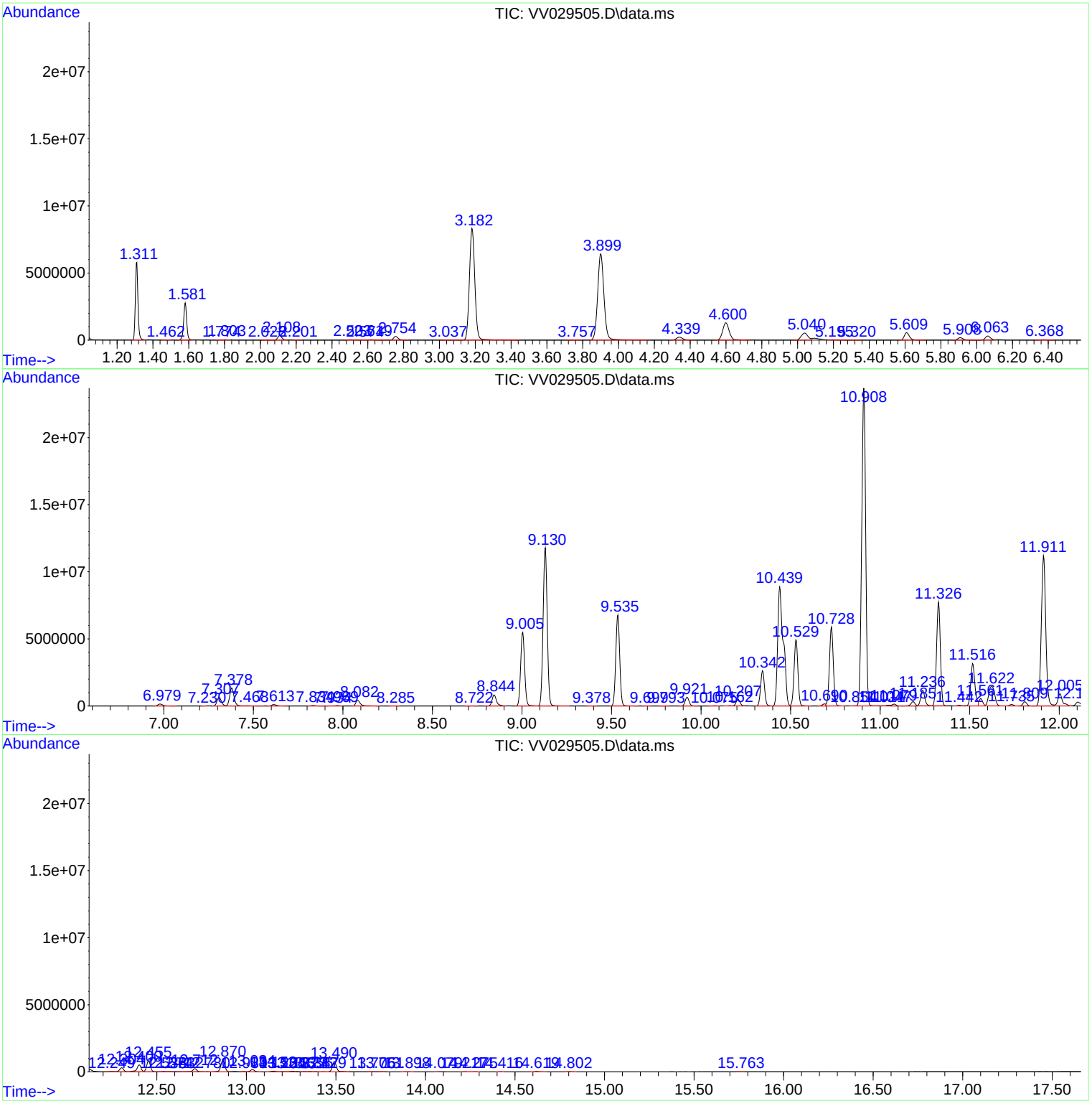
Sum of corrected areas: 223672574

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

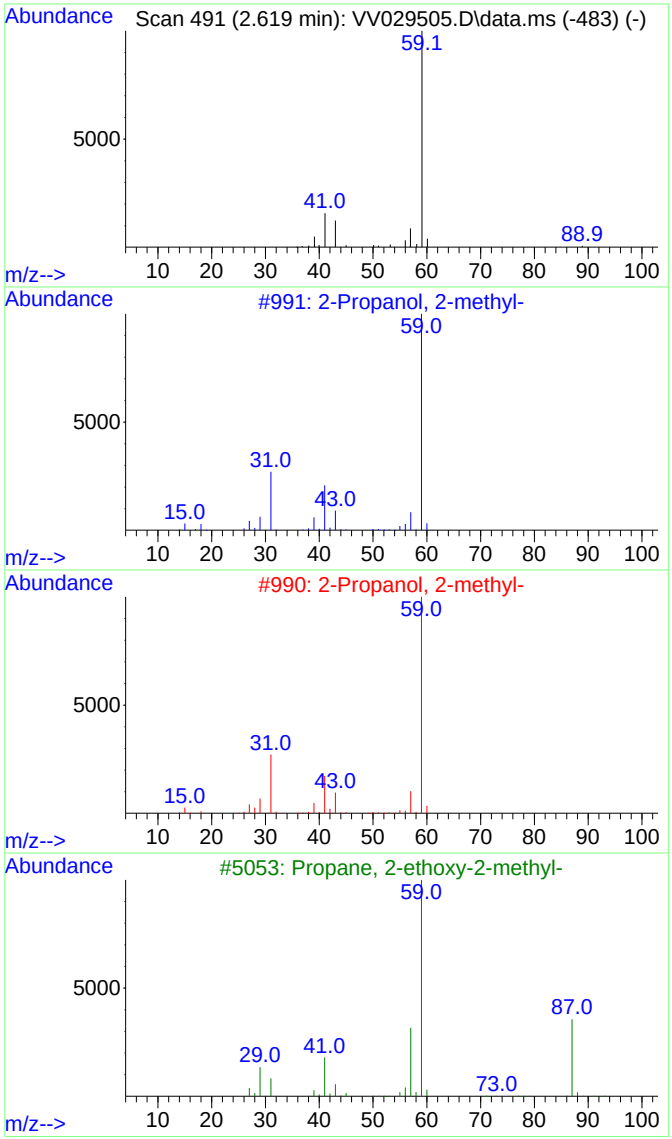
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

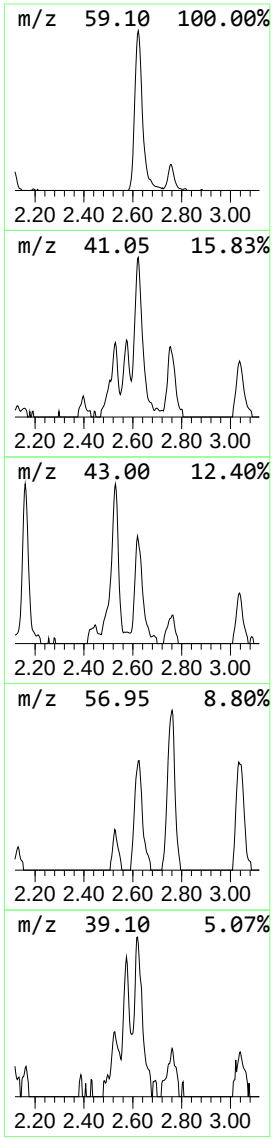
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 unknown-01 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.619 | 2.70 ug/L | 60075 | 1,4-Difluorobenzene | 5.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 2-methyl- | 74 | C4H10O | 000075-65-0 | 40 |
| 2 | 2-Propanol, 2-methyl- | 74 | C4H10O | 000075-65-0 | 40 |
| 3 | Propane, 2-ethoxy-2-methyl- | 102 | C6H14O | 000637-92-3 | 9 |
| 4 | 2-Propanol, 2-methyl- | 74 | C4H10O | 000075-65-0 | 9 |
| 5 | Propane, 2-methoxy- | 74 | C4H10O | 000598-53-8 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

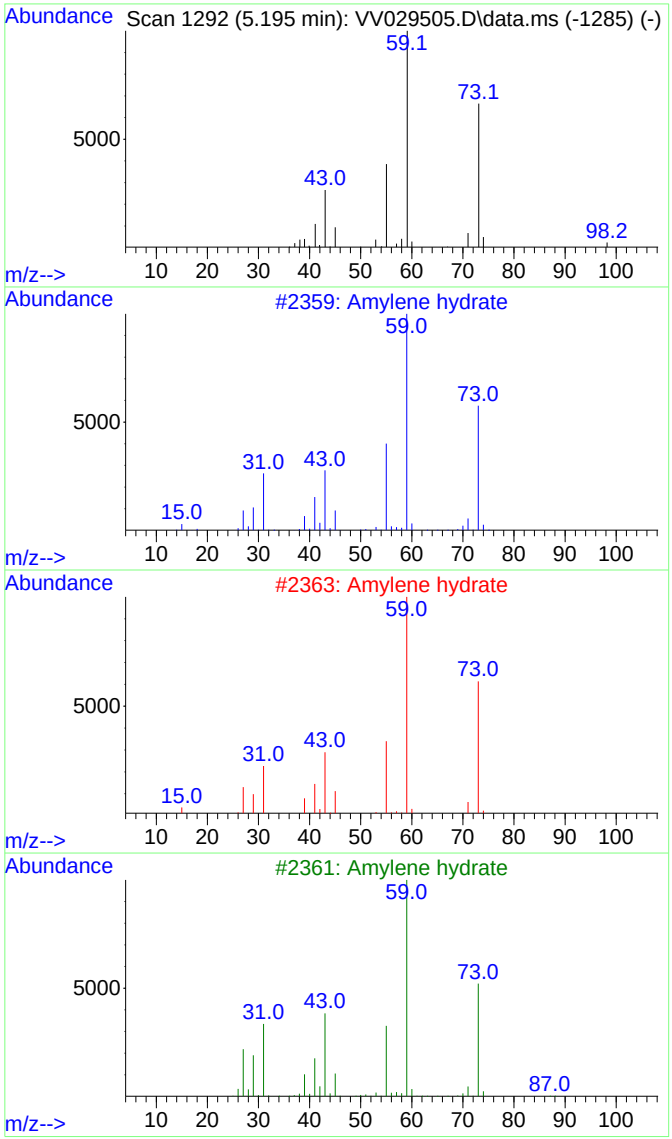
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

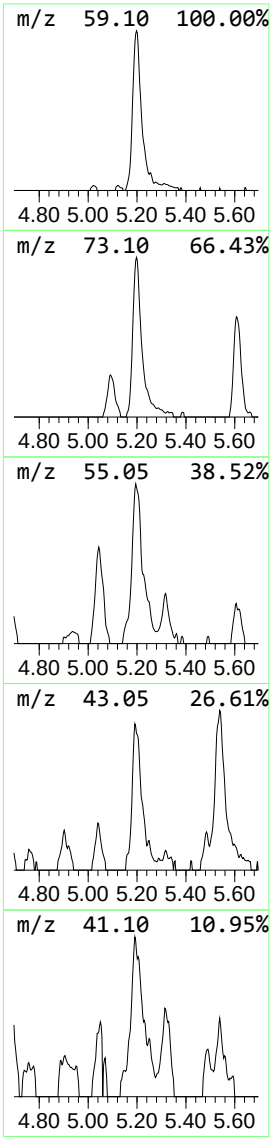
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Amylene hydrate Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.195 | 3.00 ug/L | 66827 | 1,4-Difluorobenzene | 5.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Amylene hydrate | 88 | C5H12O | 000075-85-4 | 83 |
| 2 | Amylene hydrate | 88 | C5H12O | 000075-85-4 | 78 |
| 3 | Amylene hydrate | 88 | C5H12O | 000075-85-4 | 72 |
| 4 | Amylene hydrate | 88 | C5H12O | 000075-85-4 | 64 |
| 5 | Silane, trimethyl- | 74 | C3H10Si | 000993-07-7 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

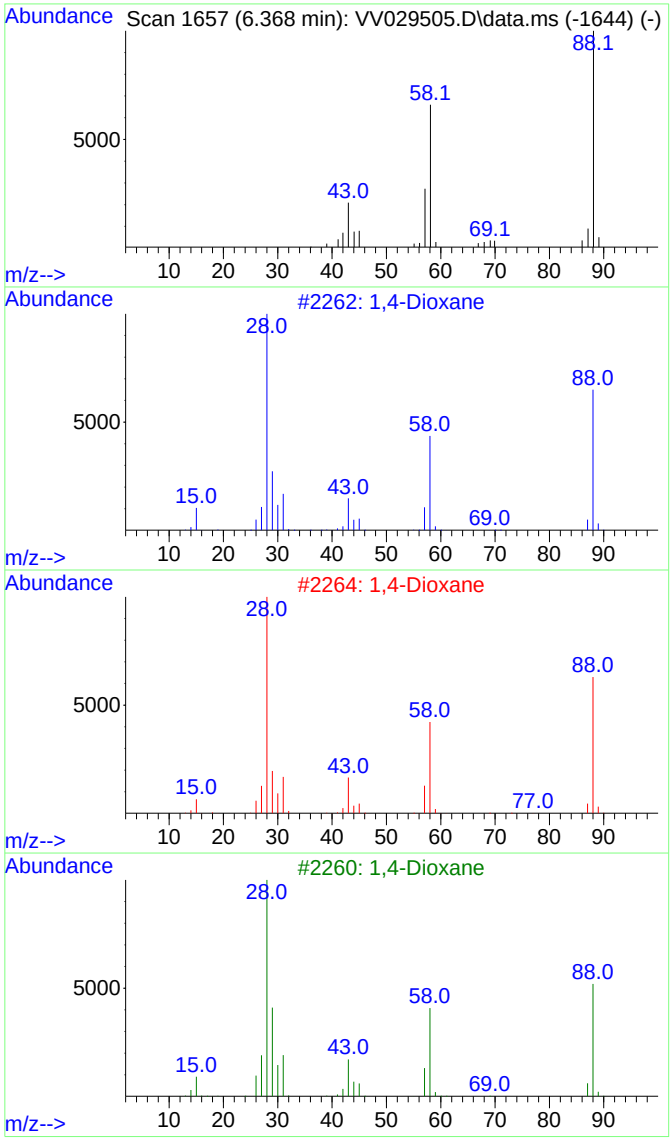
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

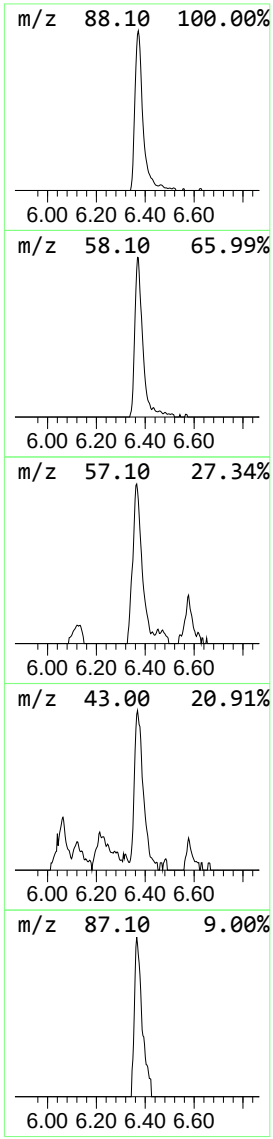
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1,4-Dioxane Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.368 | 2.94 ug/L | 65499 | 1,4-Difluorobenzene | 5.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 90 |
| 2 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 86 |
| 3 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 83 |
| 4 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 83 |
| 5 | Urea, N,N'-dimethyl- | 88 | C3H8N2O | 000096-31-1 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

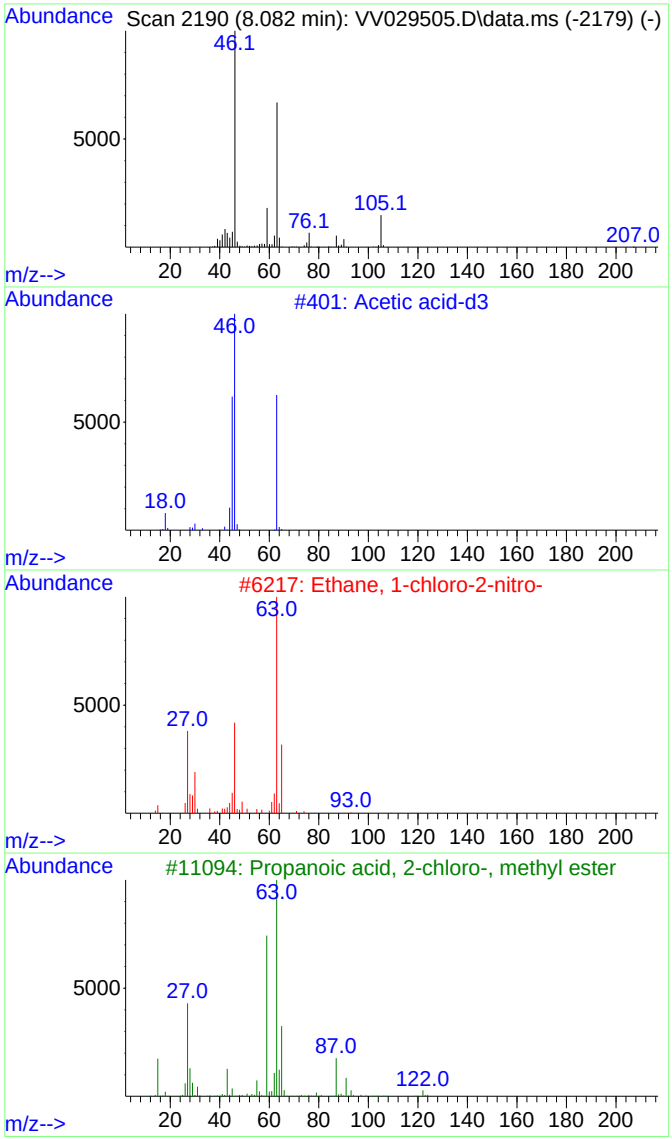
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

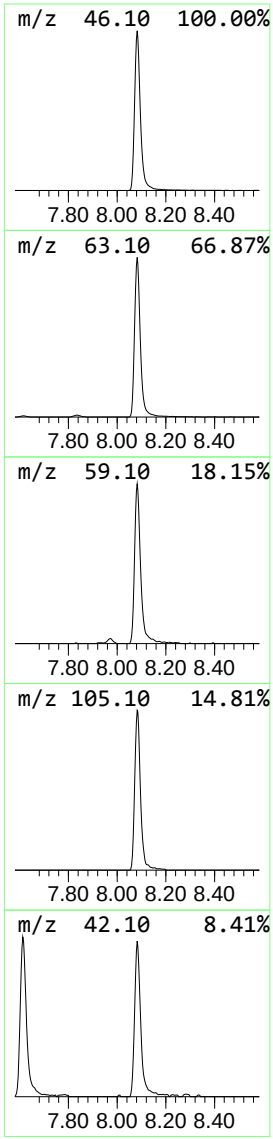
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Acetic acid-d3 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.082 | 26.16 ug/L | 748318 | Chlorobenzene-d5 | 8.844 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid-d3 | 63 | C2HD3O2 | 001112-02-3 | 80 |
| 2 | Ethane, 1-chloro-2-nitro- | 109 | C2H4ClNO2 | 000625-47-8 | 33 |
| 3 | Propanoic acid, 2-chloro-, methy... | 122 | C4H7ClO2 | 017639-93-9 | 23 |
| 4 | Carbamic acid, hydroxy-, ethyl e... | 105 | C3H7NO3 | 000589-41-3 | 9 |
| 5 | Hydrazine, methyl- | 46 | CH6N2 | 000060-34-4 | 9 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

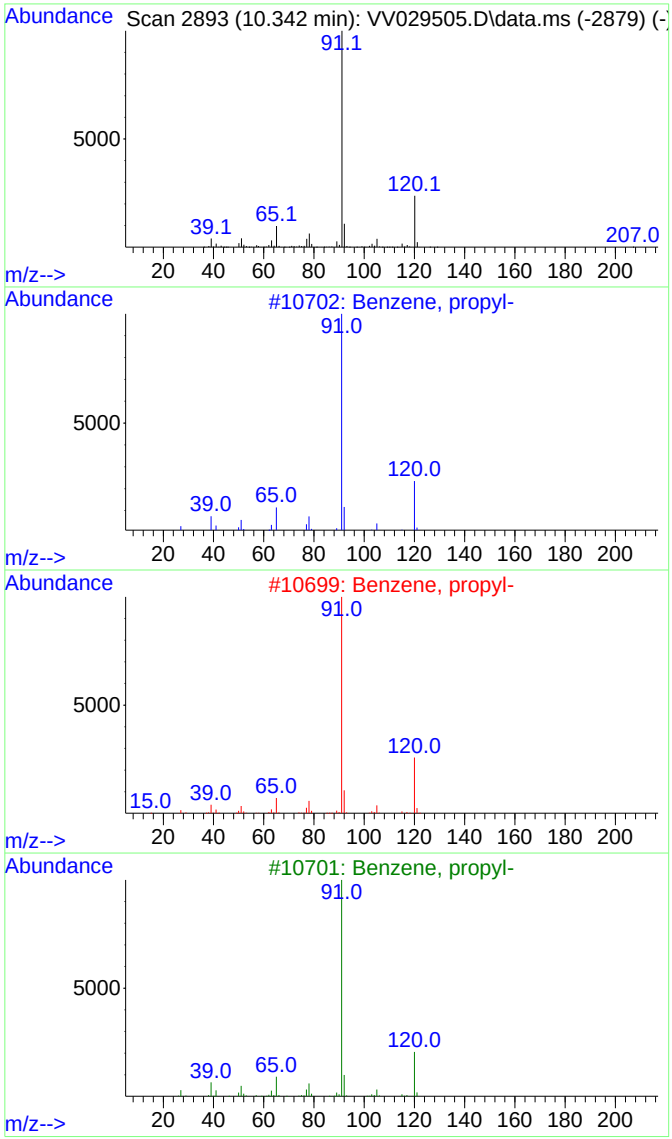
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

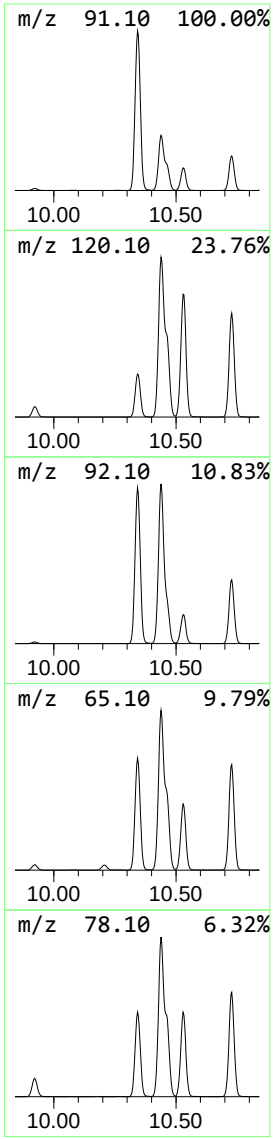
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, propyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.342 | 108.24 ug/L | 3956480 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 94 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 86 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

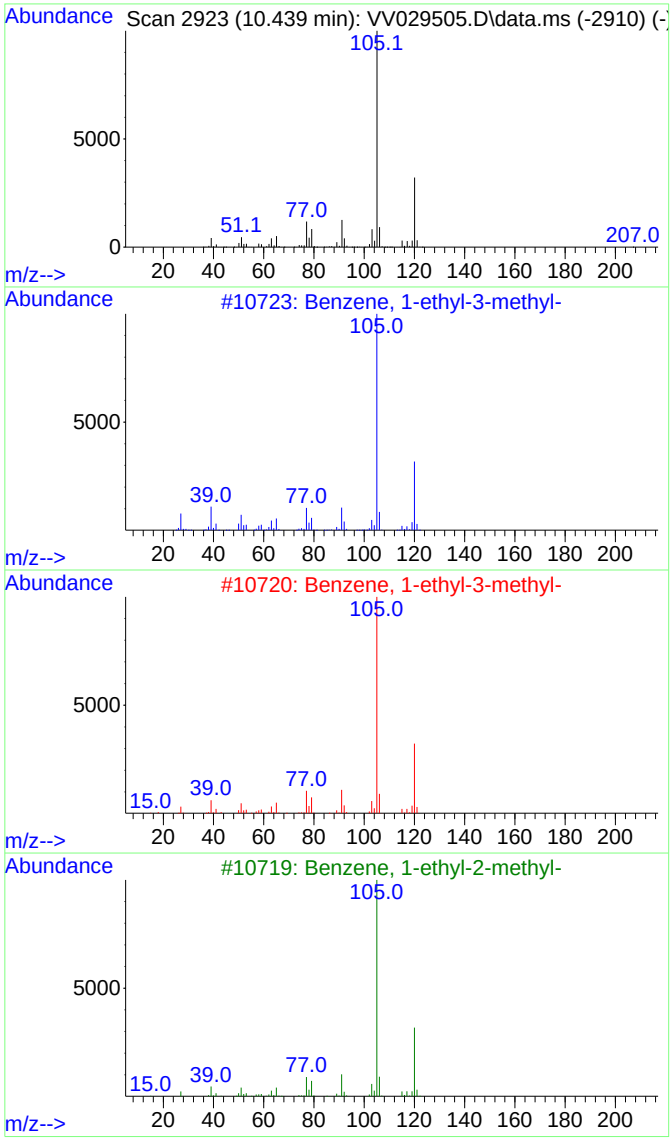
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

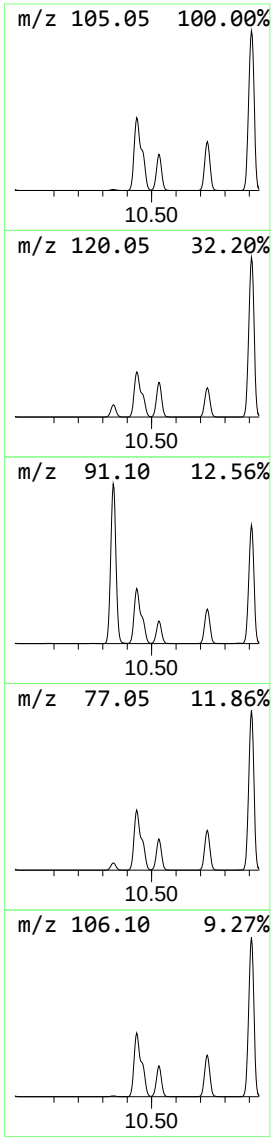
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.439 | 523.55 ug/L | 19136800 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

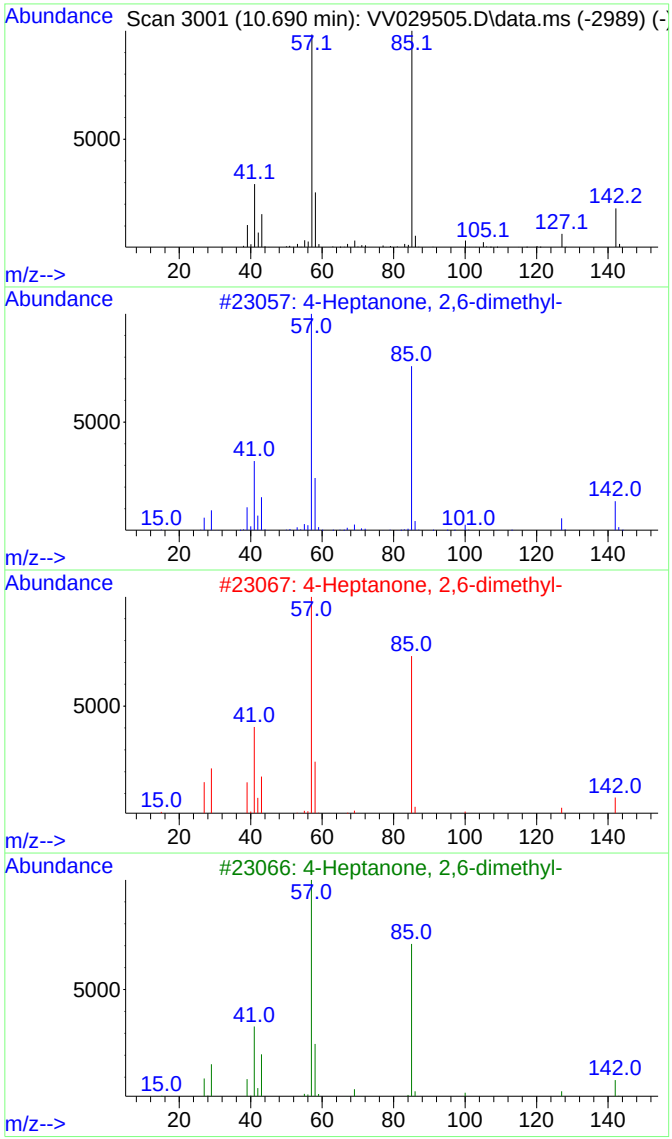
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

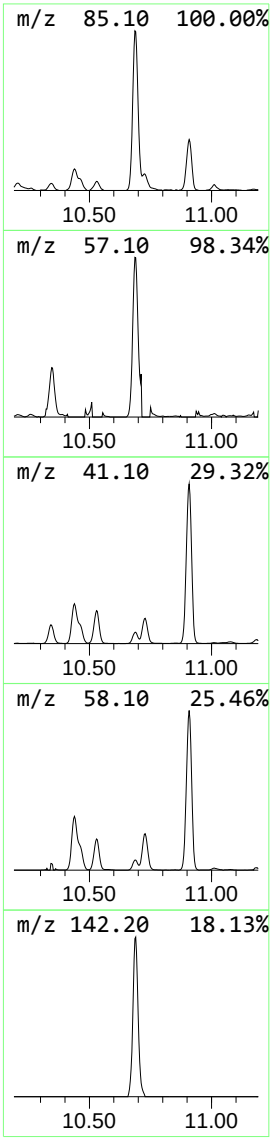
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 4-Heptanone, 2,6-dimethyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.690 | 5.45 ug/L | 199056 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 94 |
| 2 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 91 |
| 3 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 91 |
| 4 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 90 |
| 5 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

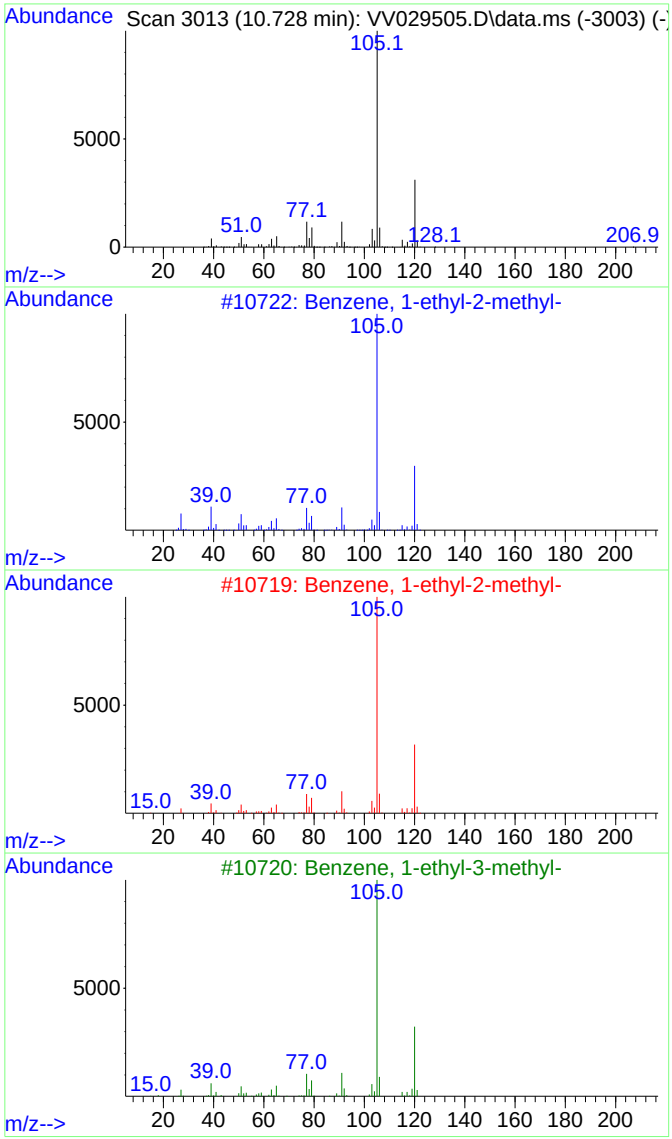
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

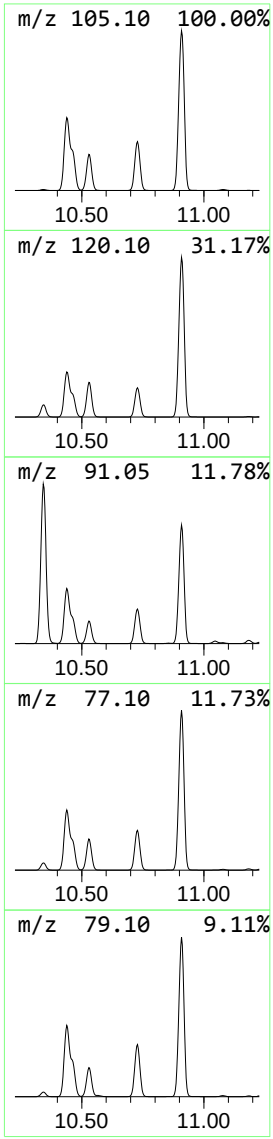
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.728 | 242.66 ug/L | 8869740 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

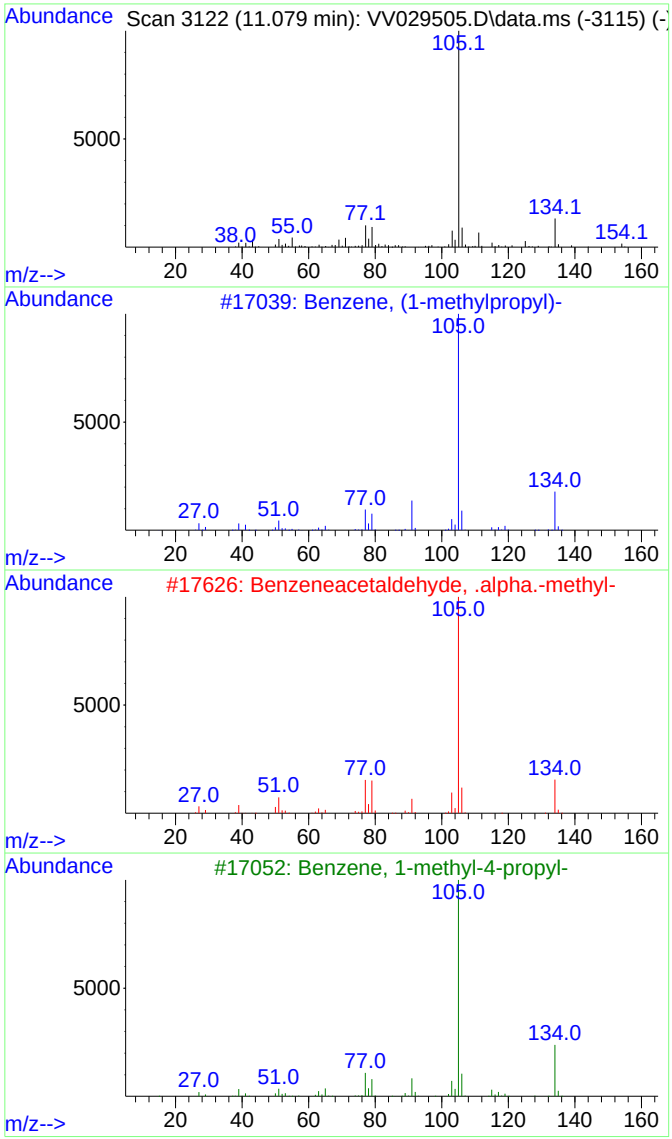
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

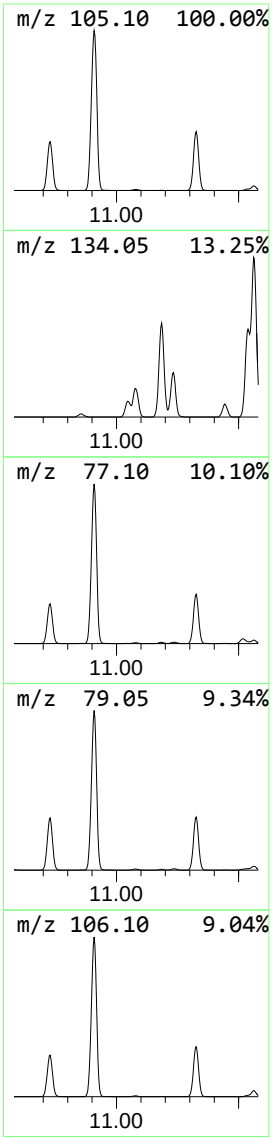
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, (1-methylpropyl)- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.079 | 6.01 ug/L | 219526 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 87 |
| 2 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 86 |
| 3 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 86 |
| 4 | Benzeneacetaldehyde, 4-methyl- | 134 | C9H10O | 000104-09-6 | 80 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

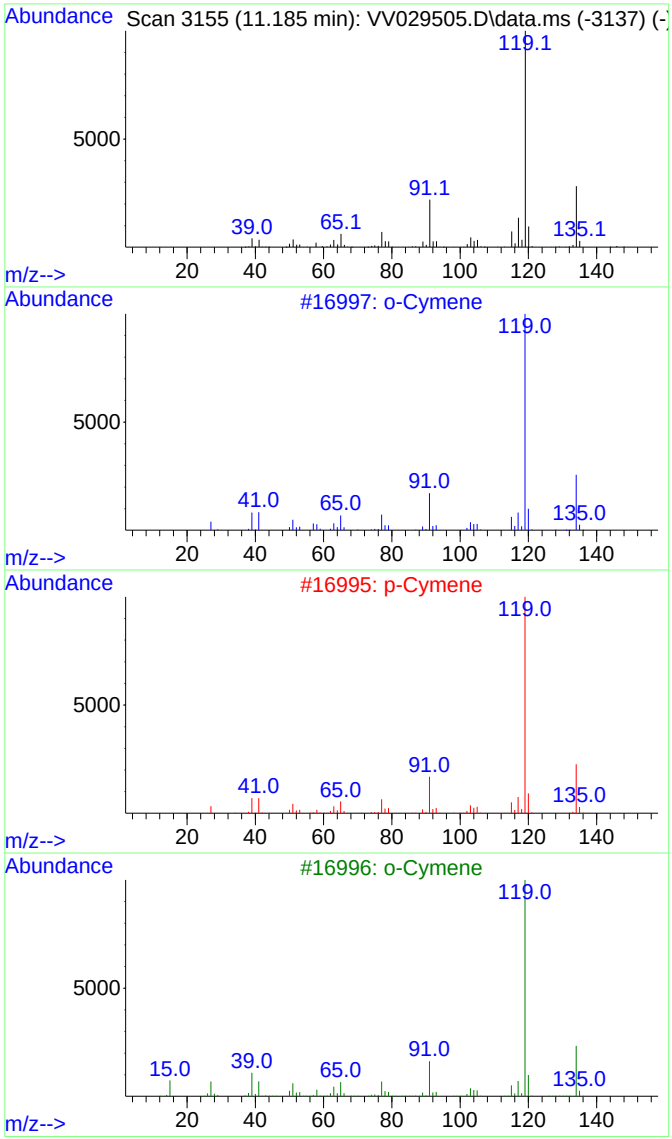
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

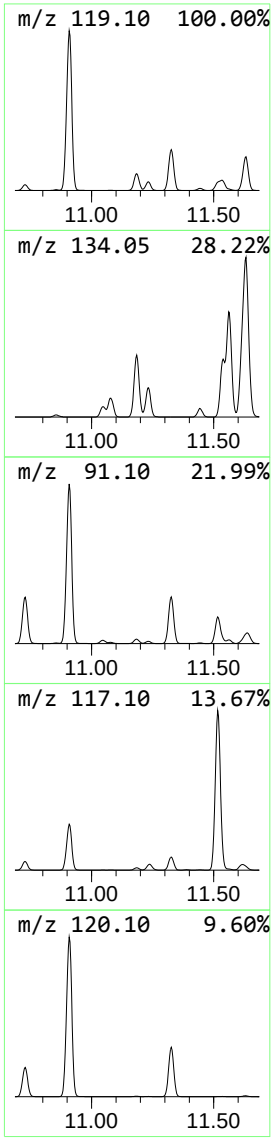
**********

Peak Number 11 o-Cymene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.185 | 14.06 ug/L | 513901 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 97 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

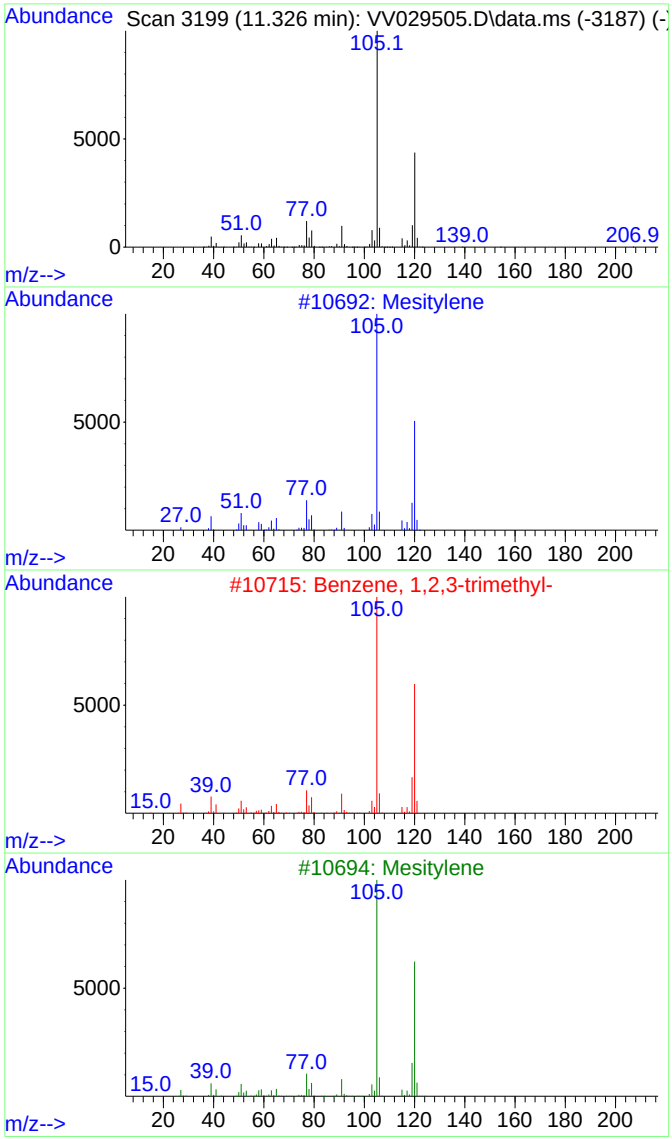
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

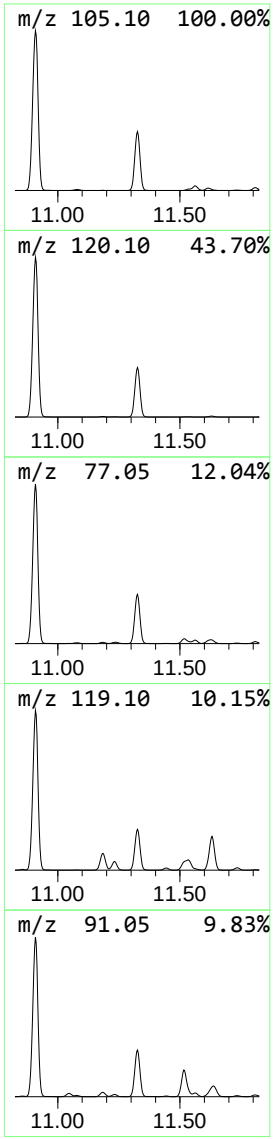
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.326 | 312.18 ug/L | 11410700 | 1,4-Dichlorobenzene-d4 | 11.239 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

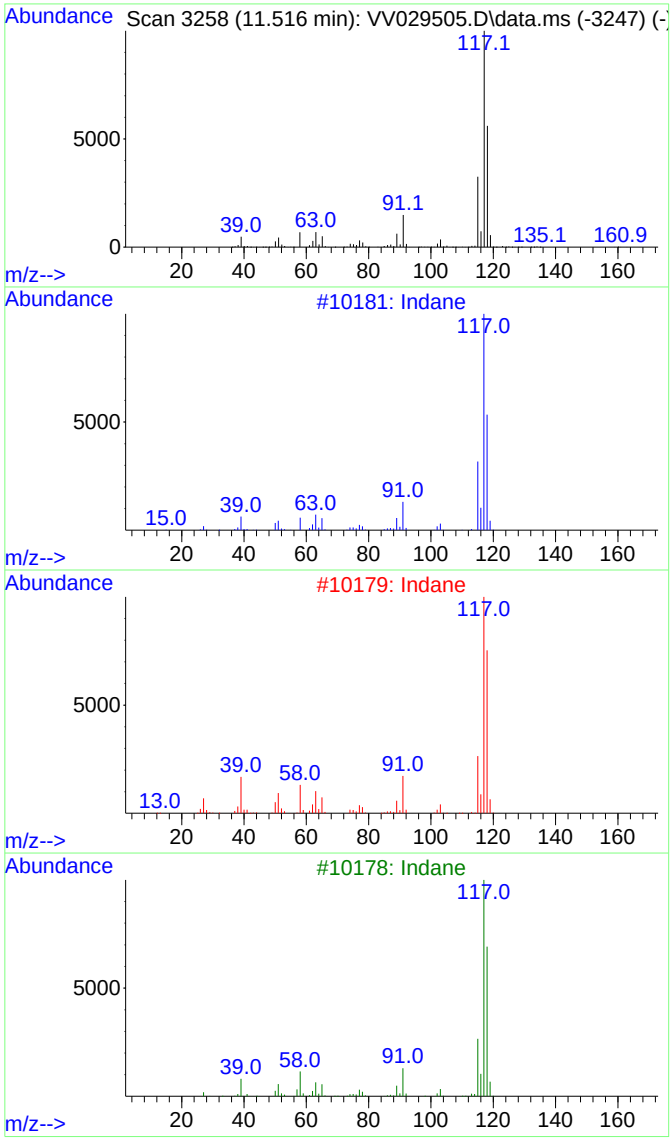
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

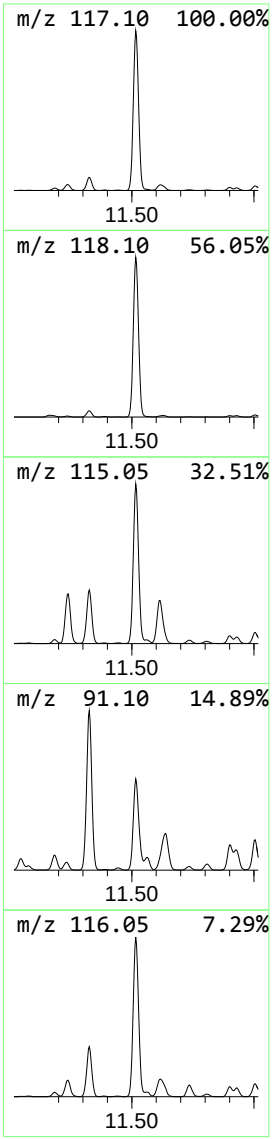
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Indane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.516 | 138.10 ug/L | 5047780 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 83 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

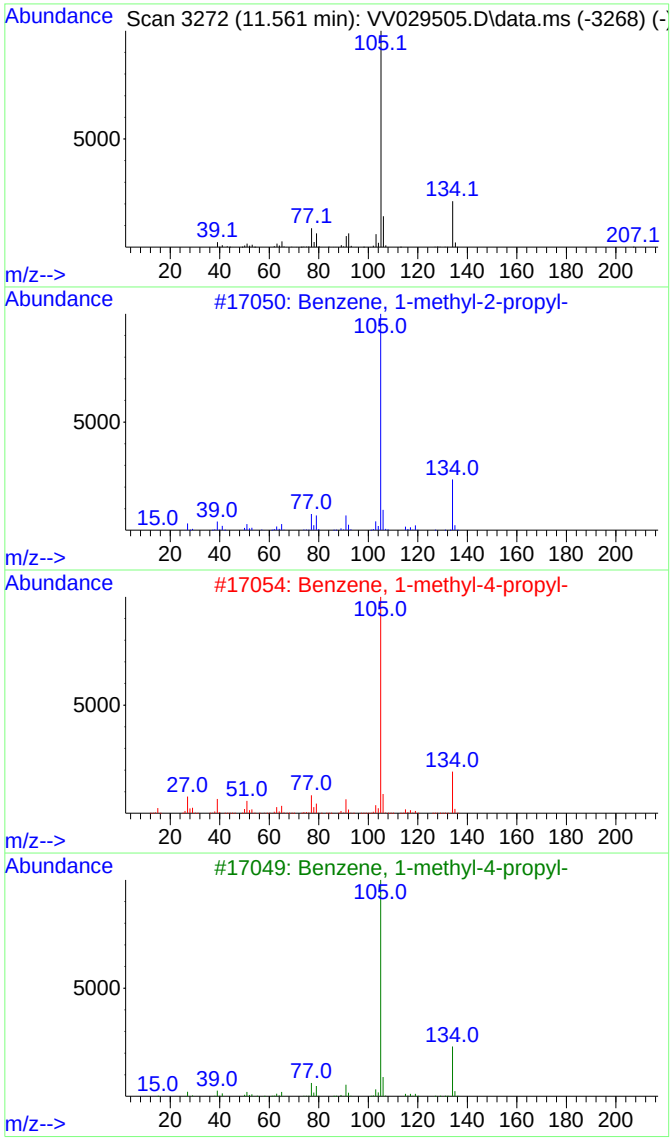
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

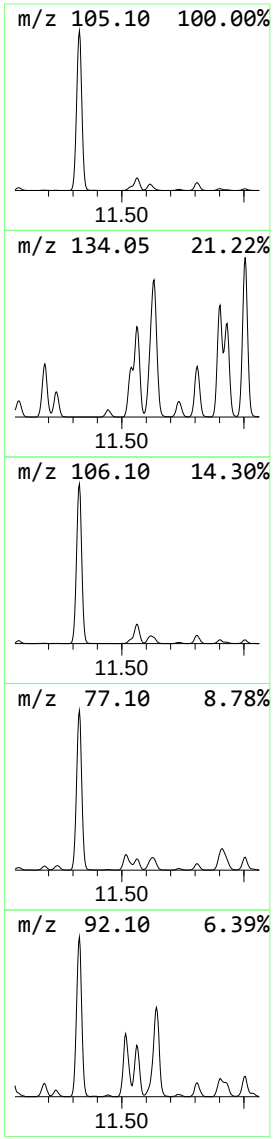
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1-methyl-2-propyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.561 | 20.40 ug/L | 745735 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 91 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 3 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 4 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 90 |
| 5 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

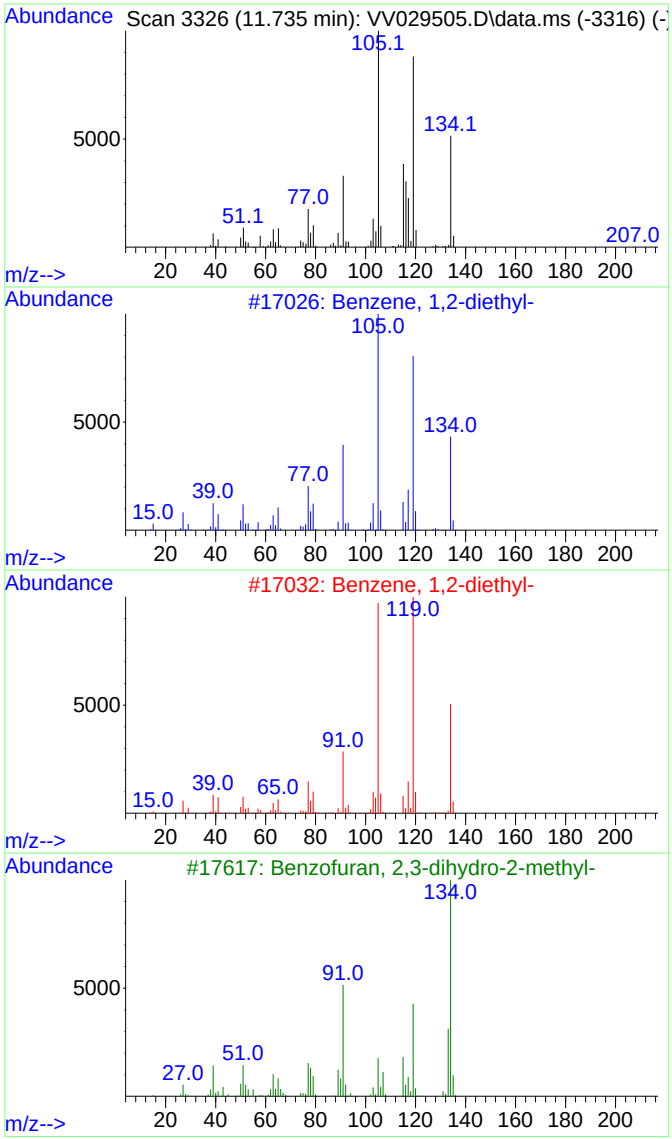
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

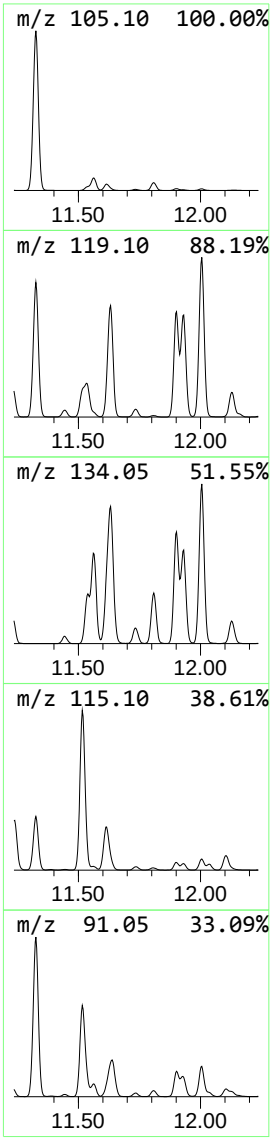
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.735 | 4.18 ug/L | 152666 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 93 |
| 3 | Benzofuran, 2,3-dihydro-2-methyl- | 134 | C9H10O | 001746-11-8 | 91 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 76 |
| 5 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

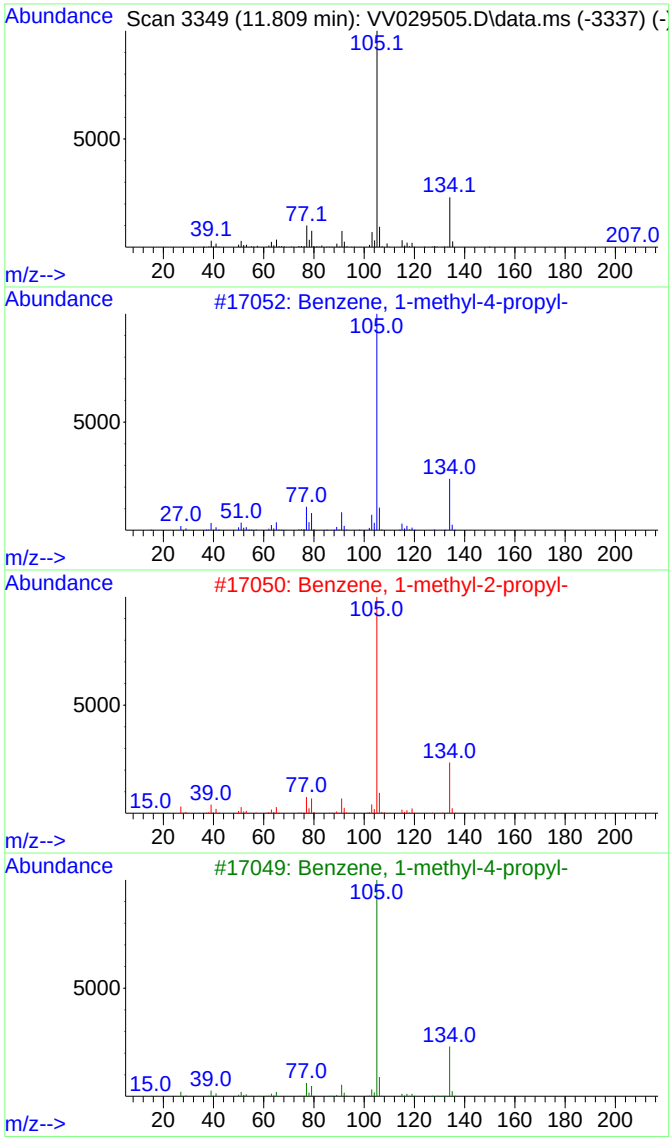
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

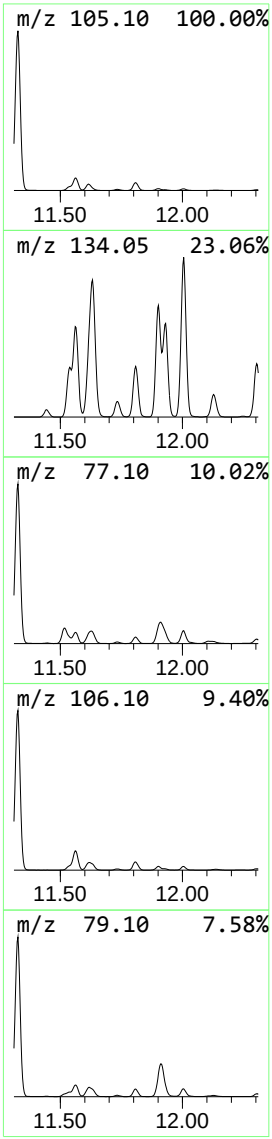
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.809 | 13.14 ug/L | 480122 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 95 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 94 |
| 3 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 4 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 91 |
| 5 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

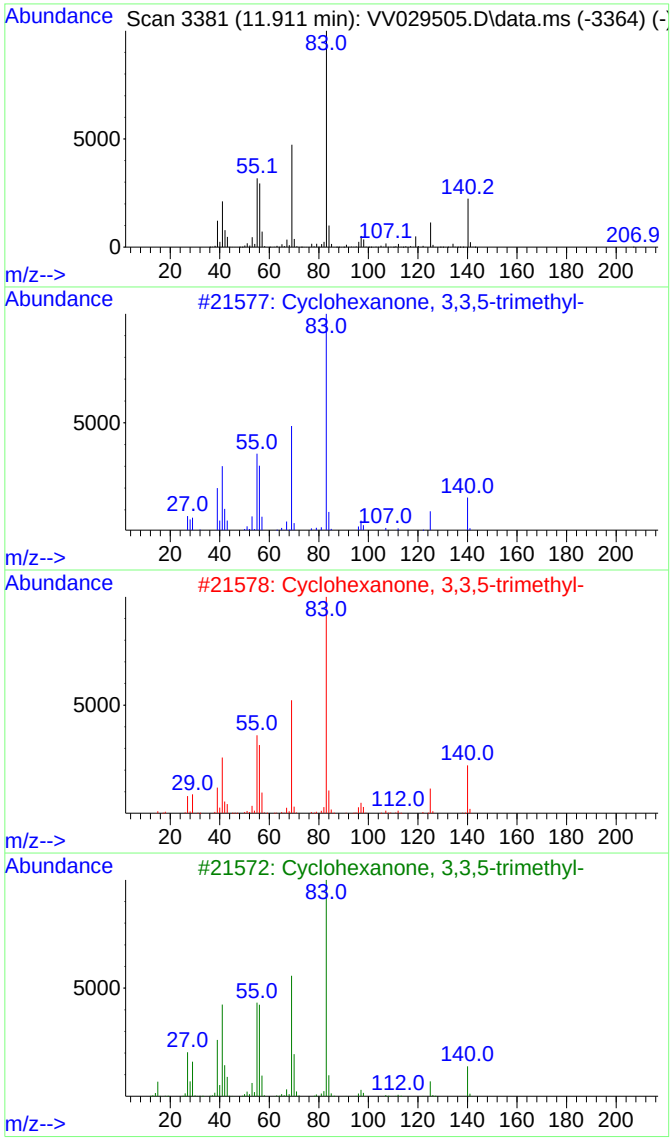
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

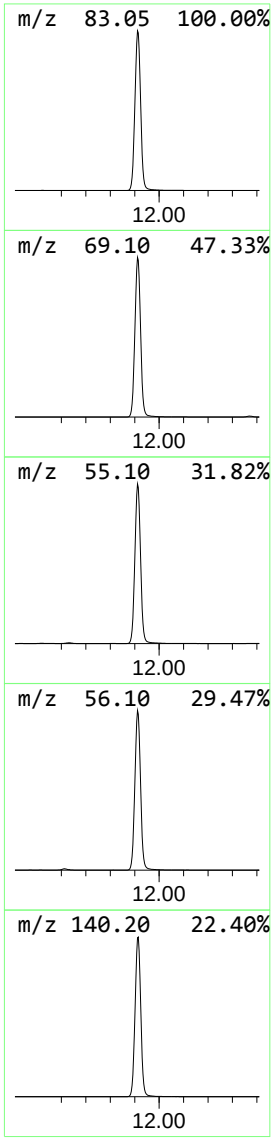
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.911 | 520.05 ug/L | 19009000 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 96 |
| 2 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 96 |
| 3 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 91 |
| 4 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 91 |
| 5 | 1H-1,2,4-Triazole, 3-(2-methylpr... | 125 | C6H11N3 | 040515-29-5 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

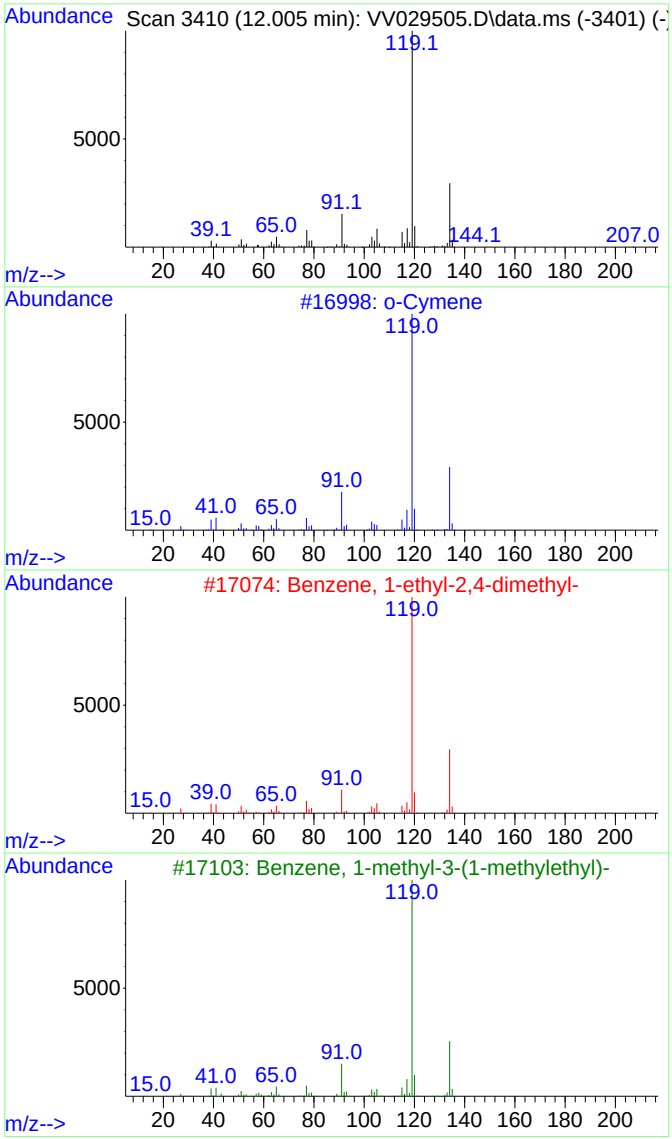
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

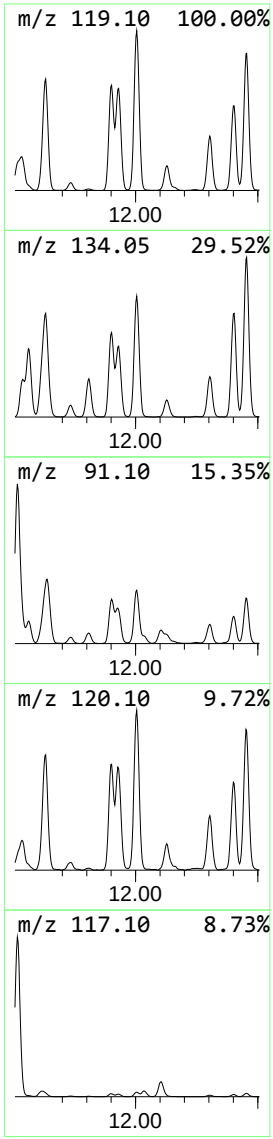
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.005 | 43.88 ug/L | 1603910 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 97 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

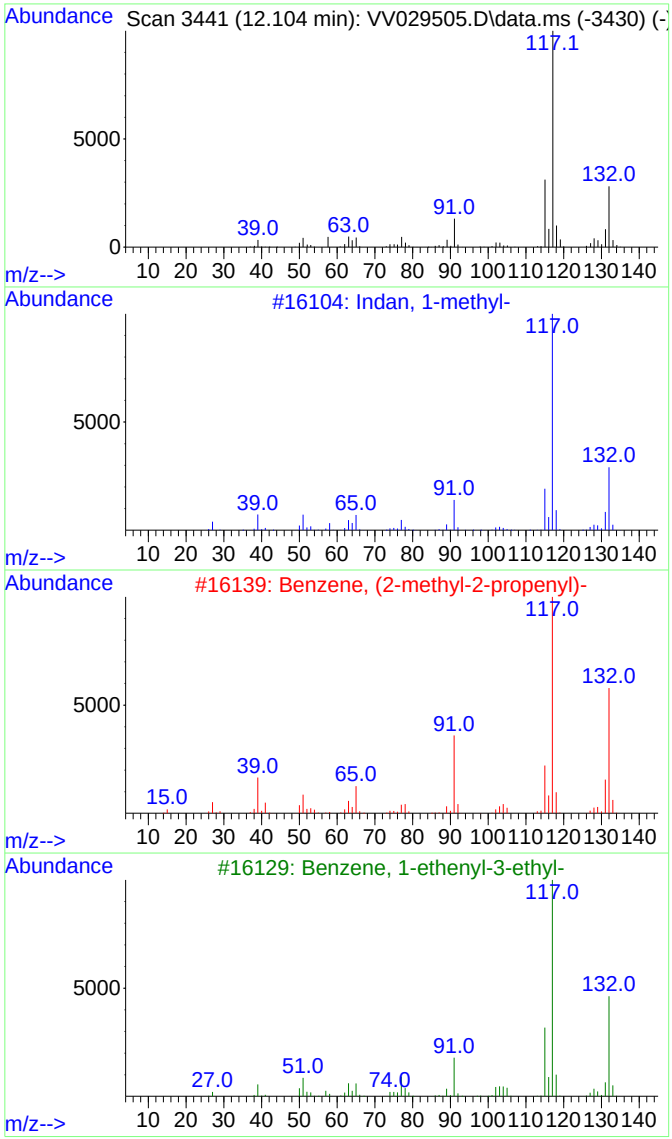
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

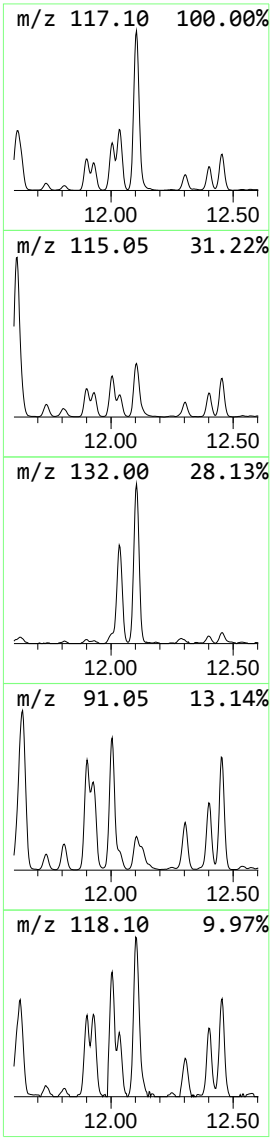
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Indan, 1-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.104 | 18.98 ug/L | 693764 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 87 |
| 3 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 87 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

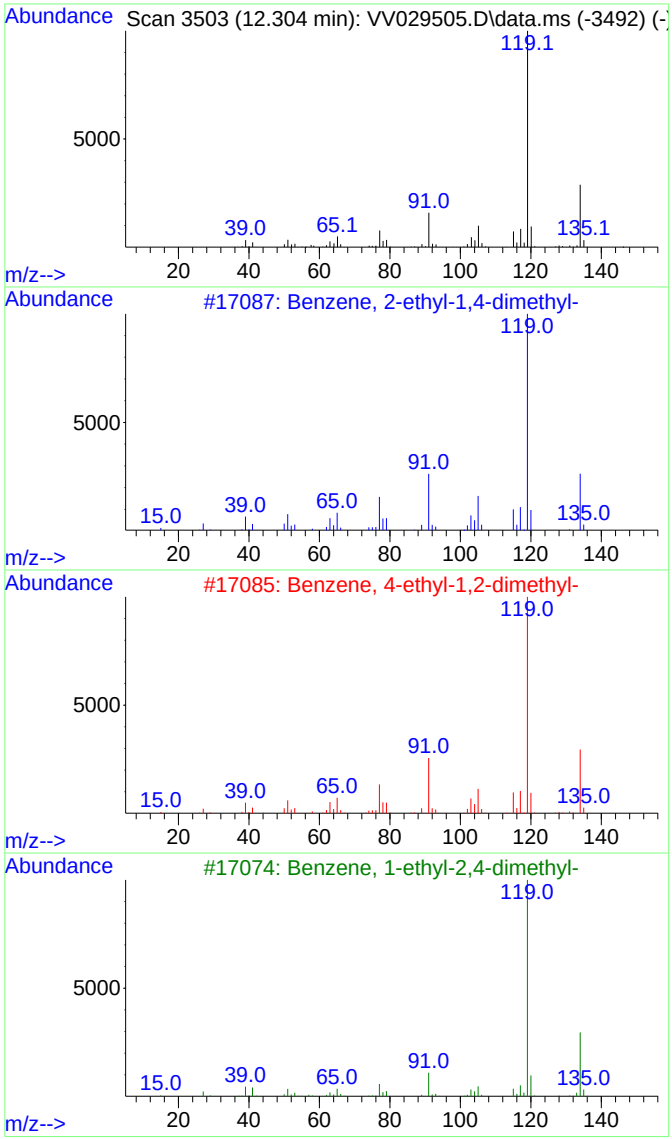
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

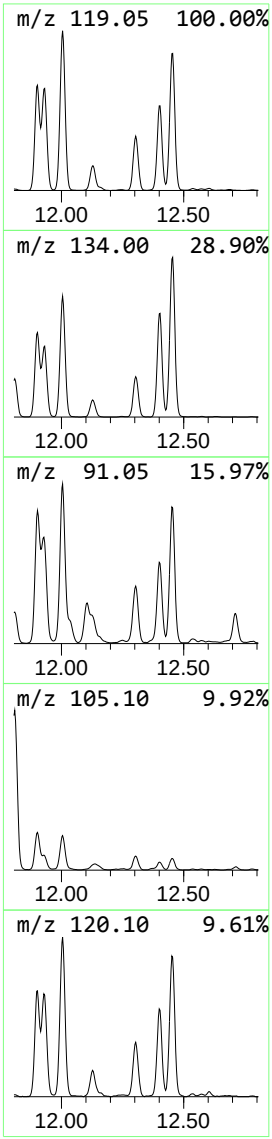
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.304 | 12.62 ug/L | 461327 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

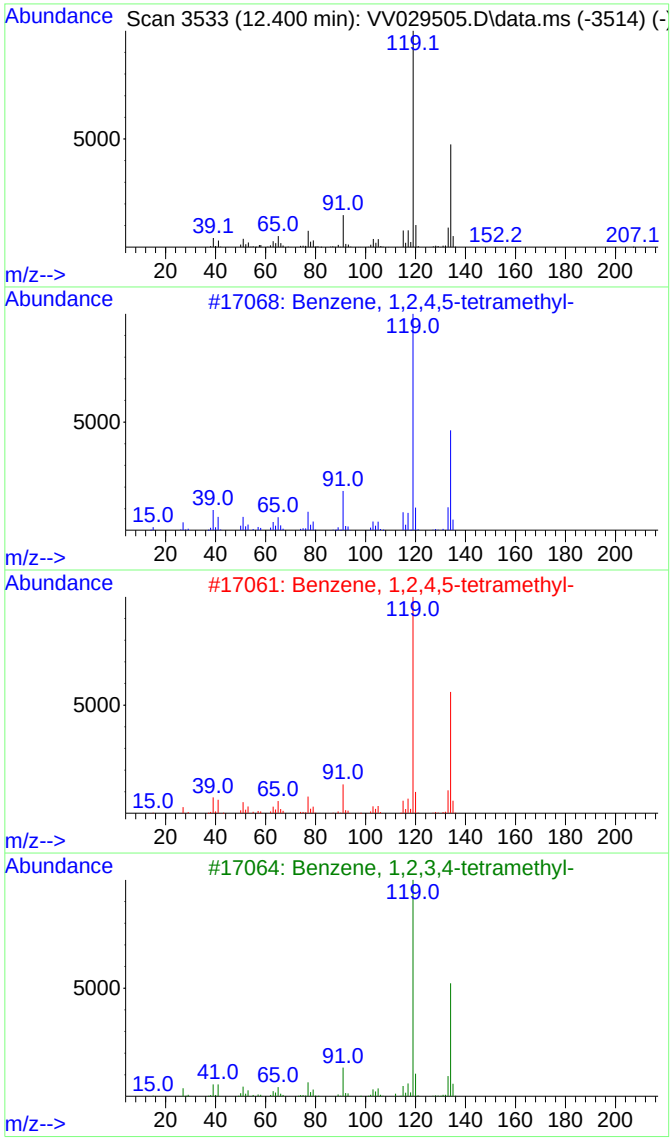
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

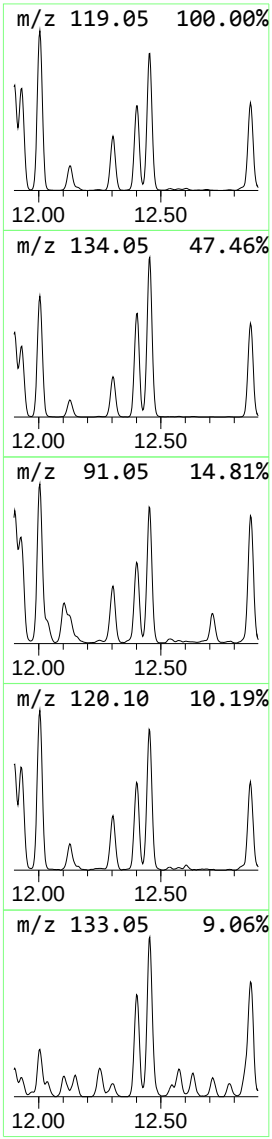
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.400 | 22.22 ug/L | 812237 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

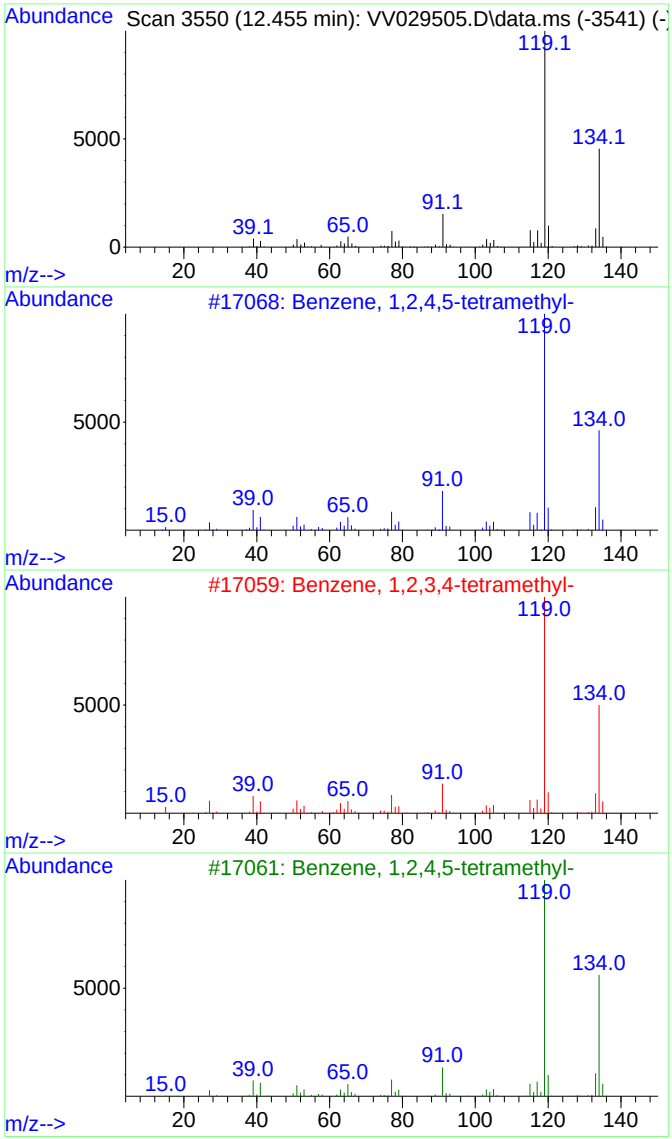
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

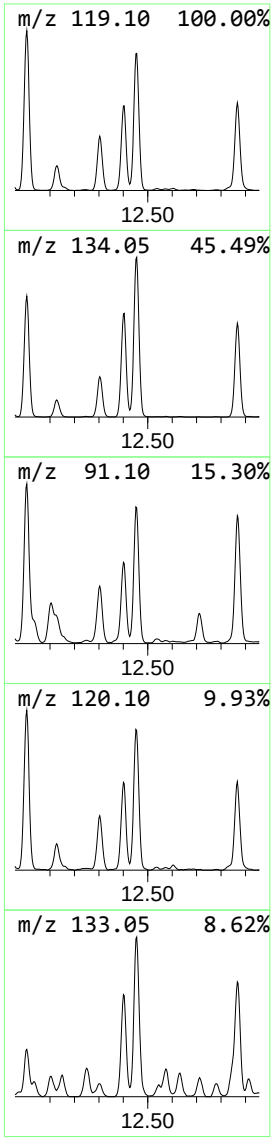
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.455 | 32.63 ug/L | 1192830 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 96 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

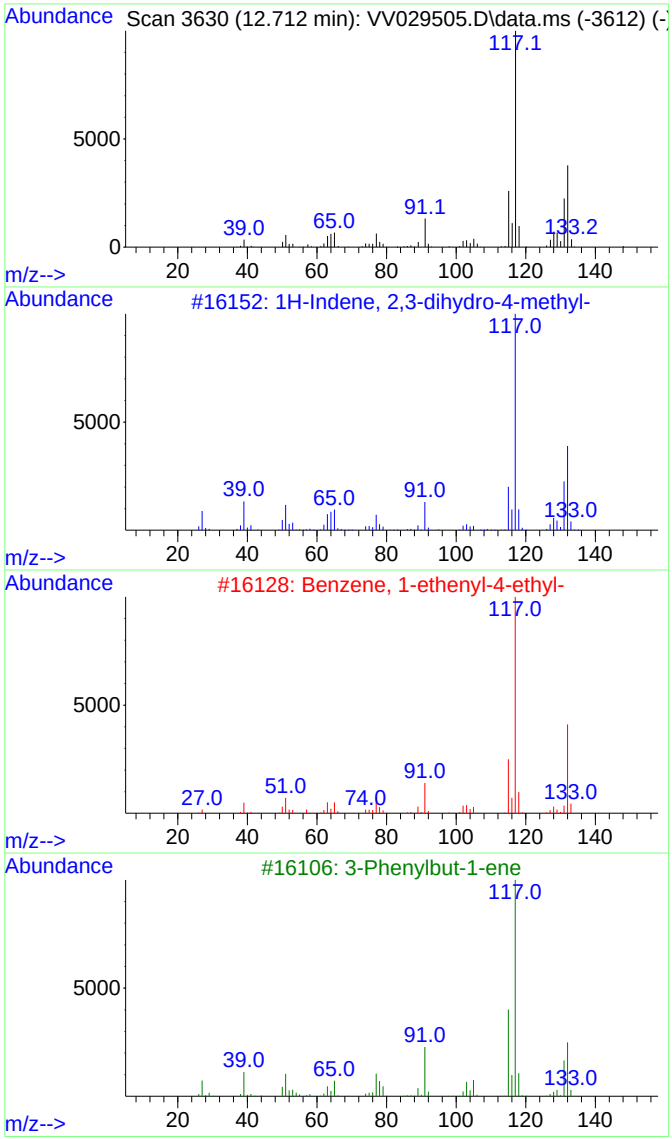
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

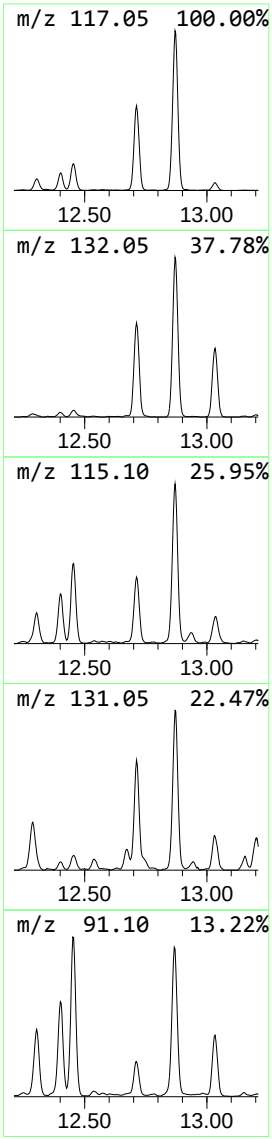
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.712 | 10.08 ug/L | 368396 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 95 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 3 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 91 |
| 5 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

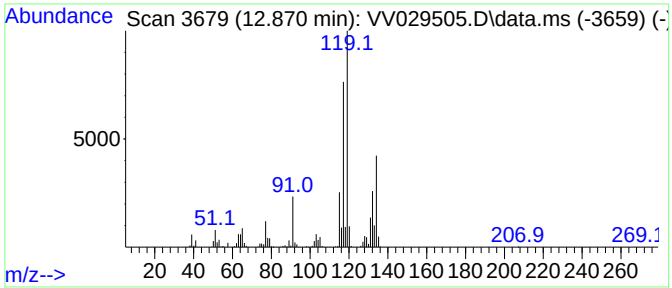
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

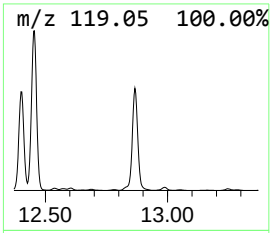
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

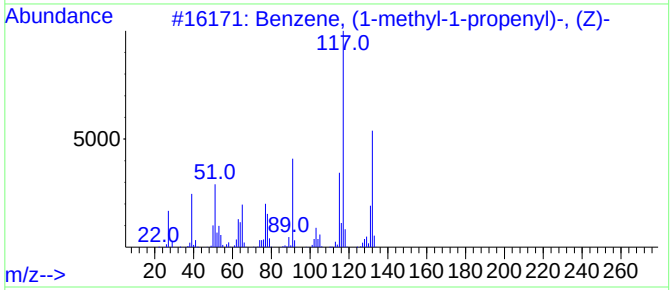
**********
Peak Number 24 Benzene, (1-methyl-1-propen... Concentration Rank 8

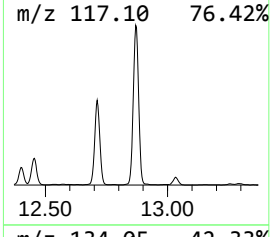
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.870 | 37.75 ug/L | 1379710 | 1,4-Dichlorobenzene-d4 | 11.239 |

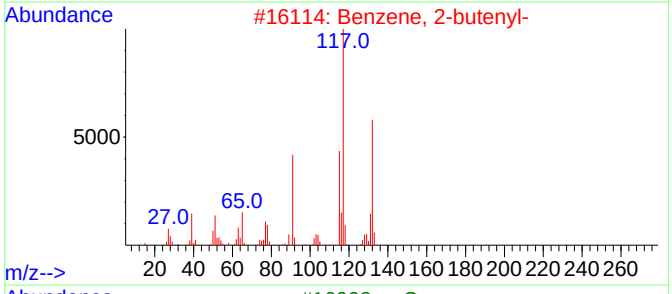
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 64 |
| 2 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 50 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 50 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 50 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 50 |

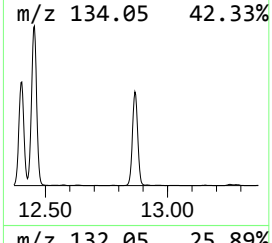


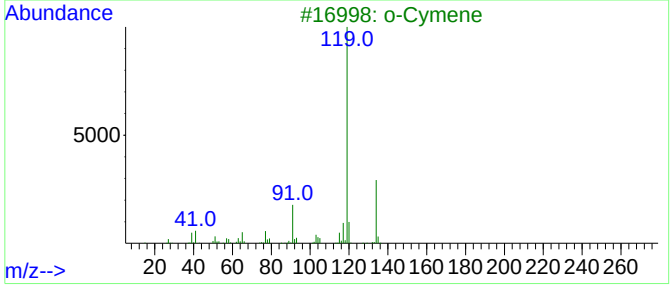



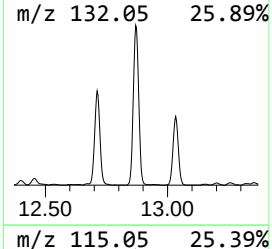



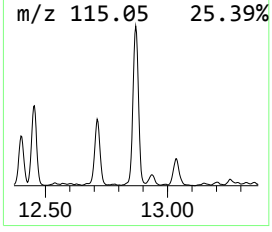



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

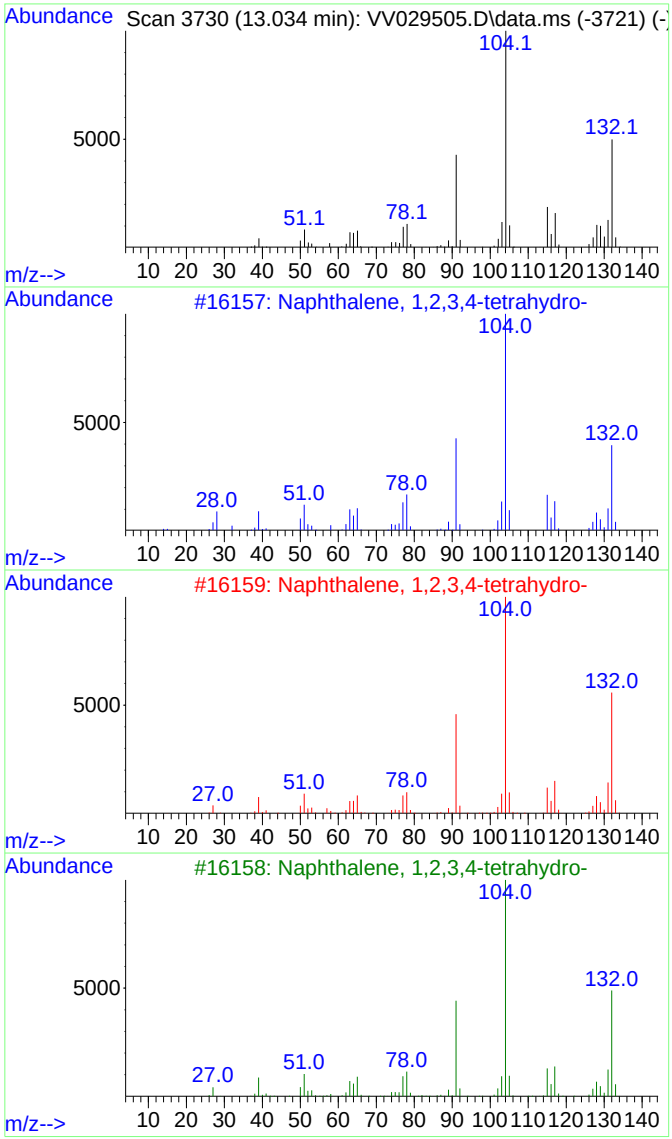
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

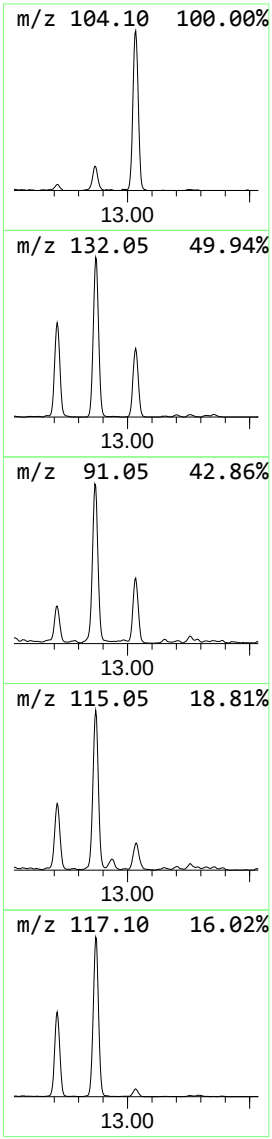
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.034 | 7.21 ug/L | 263703 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 96 |
| 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 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

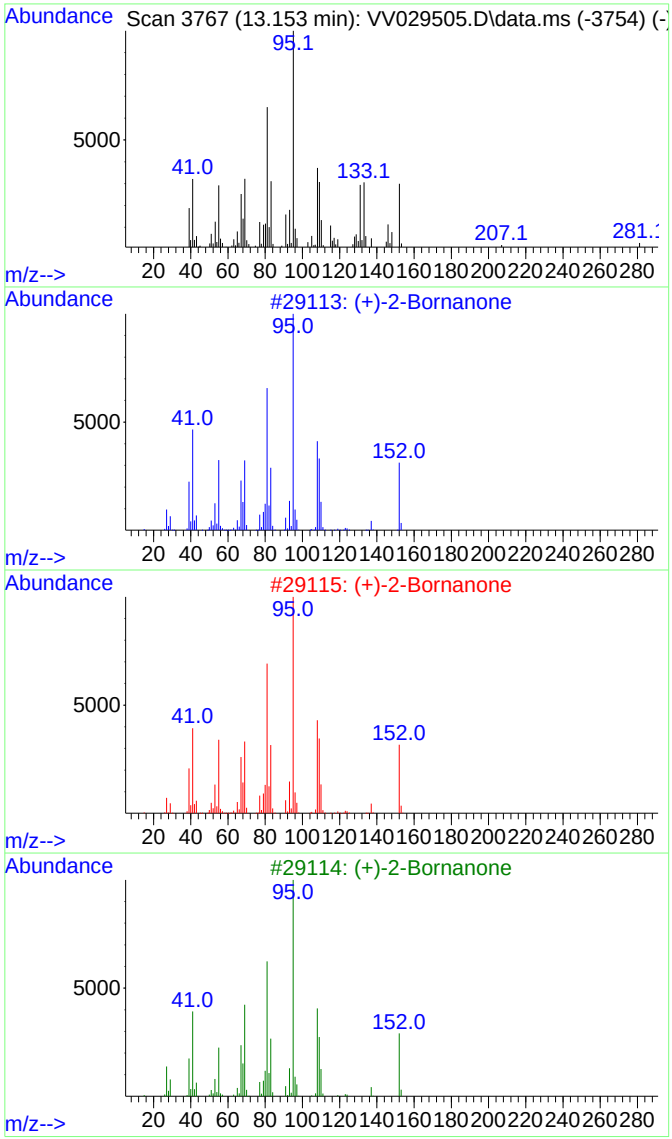
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

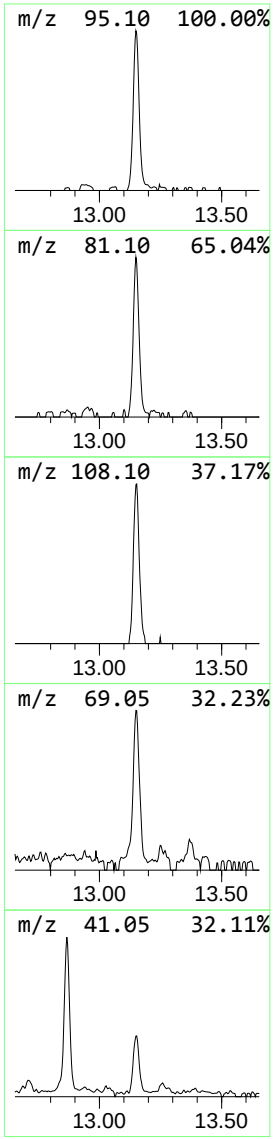
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (+)-2-Bornanone Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.153 | 2.57 ug/L | 93809 | 1,4-Dichlorobenzene-d4 | 11.239 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 98 |
| 2 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 97 |
| 3 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 96 |
| 4 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 96 |
| 5 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 96 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

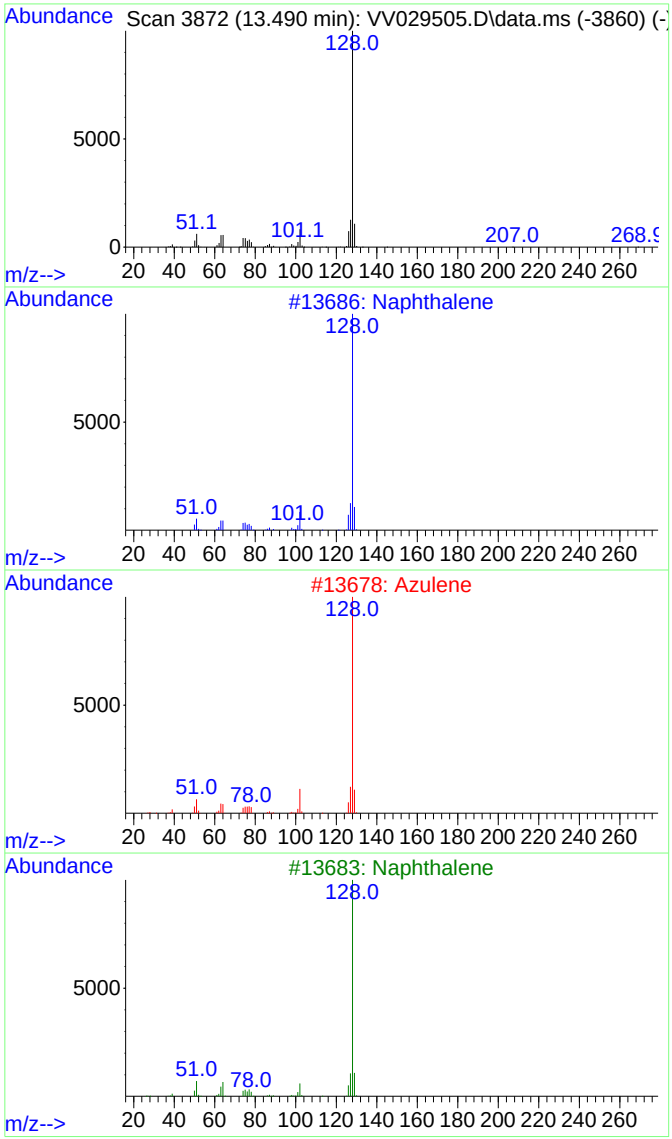
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

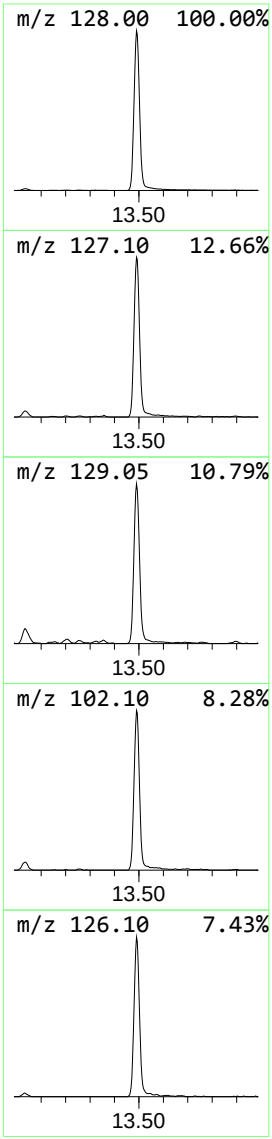
**********

Peak Number 27 Azulene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.490 | 33.68 ug/L | 1230920 | 1,4-Dichlorobenzene-d4 | 11.239 |

| 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 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029505.D
Acq On : 09 Dec 2022 03:59
Operator : SY/MD
Sample : N5928-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
EXZ65

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.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 |
| unknown-01 | 2.619 | 2.7 | ug/L | 60075 | 1 | 5.609 | 1113550 | 50.0 |
| Amylene hydrate | 5.195 | 3.0 | ug/L | 66827 | 1 | 5.609 | 1113550 | 50.0 |
| 1,4-Dioxane | 6.368 | 2.9 | ug/L | 65499 | 1 | 5.609 | 1113550 | 50.0 |
| Acetic acid-d3 | 8.082 | 26.2 | ug/L | 748318 | 2 | 8.844 | 1430270 | 50.0 |
| Benzene, propyl- | 10.342 | 108.2 | ug/L | 3956480 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1-ethy... | 10.439 | 523.5 | ug/L | 19136800 | 3 | 11.239 | 1827600 | 50.0 |
| 4-Heptanone, 2,... | 10.690 | 5.5 | ug/L | 199056 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1-ethy... | 10.728 | 242.7 | ug/L | 8869740 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, (1-met... | 11.079 | 6.0 | ug/L | 219526 | 3 | 11.239 | 1827600 | 50.0 |
| o-Cymene | 11.185 | 14.1 | ug/L | 513901 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1,2,3-... | 11.326 | 312.2 | ug/L | 11410700 | 3 | 11.239 | 1827600 | 50.0 |
| Indane | 11.516 | 138.1 | ug/L | 5047780 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1-meth... | 11.561 | 20.4 | ug/L | 745735 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1,2-di... | 11.735 | 4.2 | ug/L | 152666 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1-meth... | 11.809 | 13.1 | ug/L | 480122 | 3 | 11.239 | 1827600 | 50.0 |
| Cyclohexanone, ... | 11.911 | 520.0 | ug/L | 19009000 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1-ethy... | 12.005 | 43.9 | ug/L | 1603910 | 3 | 11.239 | 1827600 | 50.0 |
| Indan, 1-methyl- | 12.104 | 19.0 | ug/L | 693764 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 2-ethy... | 12.304 | 12.6 | ug/L | 461327 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1,2,4,... | 12.400 | 22.2 | ug/L | 812237 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, 1,2,3,... | 12.455 | 32.6 | ug/L | 1192830 | 3 | 11.239 | 1827600 | 50.0 |
| 1H-Indene, 2,3-... | 12.712 | 10.1 | ug/L | 368396 | 3 | 11.239 | 1827600 | 50.0 |
| Benzene, (1-met... | 12.870 | 37.8 | ug/L | 1379710 | 3 | 11.239 | 1827600 | 50.0 |
| Naphthalene, 1,... | 13.034 | 7.2 | ug/L | 263703 | 3 | 11.239 | 1827600 | 50.0 |
| (+)-2-Bornanone | 13.153 | 2.6 | ug/L | 93809 | 3 | 11.239 | 1827600 | 50.0 |
| Azulene | 13.490 | 33.7 | ug/L | 1230920 | 3 | 11.239 | 1827600 | 50.0 |