LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

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\SFAMVLM080224WMA.M
Title : VOC Analysis

Signal : TIC: VV036836.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.278 | 67 | 74 | 91 | rBV | 190803 | 274857 | 6.22% | 0.513% |
| 2 | 1.355 | 92 | 98 | 121 | rVB | 26105 | 49509 | 1.12% | 0.092% |
| 3 | 1.529 | 147 | 152 | 178 | rVB | 146168 | 254869 | 5.77% | 0.476% |
| 4 | 2.040 | 301 | 311 | 332 | rVB | 441749 | 650111 | 14.71% | 1.214% |
| 5 | 2.378 | 408 | 416 | 426 | rBV2 | 15925 | 31545 | 0.71% | 0.059% |
| 6 | 2.429 | 427 | 432 | 446 | rVB2 | 14158 | 26036 | 0.59% | 0.049% |
| 7 | 3.407 | 723 | 736 | 766 | rVV3 | 43703 | 110836 | 2.51% | 0.207% |
| 8 | 3.825 | 853 | 866 | 932 | rBV2 | 55513 | 367771 | 8.32% | 0.687% |
| 9 | 4.236 | 976 | 994 | 1027 | rBV | 296536 | 822012 | 18.60% | 1.535% |
| 10 | 4.558 | 1067 | 1094 | 1121 | rBV | 735361 | 1889685 | 42.75% | 3.529% |
| 11 | 4.940 | 1197 | 1213 | 1249 | rBV2 | 803527 | 2058623 | 46.57% | 3.845% |
| 12 | 5.522 | 1383 | 1394 | 1434 | rBV | 574039 | 1234271 | 27.92% | 2.305% |
| 13 | 5.818 | 1474 | 1486 | 1506 | rBV4 | 33404 | 86923 | 1.97% | 0.162% |
| 14 | 5.979 | 1513 | 1536 | 1571 | rBV | 437411 | 1001967 | 22.67% | 1.871% |
| 15 | 6.908 | 1814 | 1825 | 1848 | rBV | 248890 | 498142 | 11.27% | 0.930% |
| 16 | 7.236 | 1915 | 1927 | 1948 | rBV | 872439 | 1600539 | 36.21% | 2.989% |
| 17 | 7.497 | 1997 | 2008 | 2015 | rBV3 | 8359 | 12371 | 0.28% | 0.023% |
| 18 | 7.548 | 2015 | 2024 | 2052 | rBV | 170244 | 327159 | 7.40% | 0.611% |
| 19 | 8.034 | 2159 | 2175 | 2221 | rBV2 | 313388 | 862346 | 19.51% | 1.611% |
| 20 | 8.596 | 2341 | 2350 | 2363 | rVB4 | 23526 | 41999 | 0.95% | 0.078% |
| 21 | 8.718 | 2376 | 2388 | 2396 | rBV2 | 19365 | 32842 | 0.74% | 0.061% |
| 22 | 8.779 | 2396 | 2407 | 2437 | rVV | 905615 | 1515821 | 34.29% | 2.831% |
| 23 | 9.037 | 2477 | 2487 | 2493 | rVV8 | 7617 | 14055 | 0.32% | 0.026% |
| 24 | 9.082 | 2493 | 2501 | 2508 | rVV4 | 18561 | 32562 | 0.74% | 0.061% |
| 25 | 9.133 | 2508 | 2517 | 2539 | rVB2 | 131608 | 217249 | 4.91% | 0.406% |
| 26 | 9.406 | 2586 | 2602 | 2618 | rBV7 | 29974 | 60420 | 1.37% | 0.113% |
| 27 | 9.509 | 2618 | 2634 | 2644 | rBV4 | 21919 | 48704 | 1.10% | 0.091% |
| 28 | 9.603 | 2657 | 2663 | 2666 | rBV4 | 10433 | 12071 | 0.27% | 0.023% |
| 29 | 9.641 | 2667 | 2675 | 2685 | rVB2 | 51435 | 83788 | 1.90% | 0.156% |
| 30 | 9.728 | 2685 | 2702 | 2713 | rBV6 | 46072 | 110551 | 2.50% | 0.206% |
| 31 | 9.783 | 2714 | 2719 | 2730 | rVB2 | 23185 | 36464 | 0.82% | 0.068% |
| 32 | 9.841 | 2730 | 2737 | 2742 | rBV5 | 9135 | 12703 | 0.29% | 0.024% |
| 33 | 9.908 | 2750 | 2758 | 2763 | rBV6 | 10521 | 16838 | 0.38% | 0.031% |
| 34 | 9.950 | 2763 | 2771 | 2779 | rVV4 | 37829 | 64083 | 1.45% | 0.120% |
| 35 | 10.021 | 2779 | 2793 | 2797 | rVV2 | 60657 | 121741 | 2.75% | 0.227% |
| 36 | 10.050 | 2797 | 2802 | 2814 | rVB2 | 83707 | 120131 | 2.72% | 0.224% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

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\SFAMVLM080224WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.149 | 2815 | 2833 | 2851 | rBV | 612529 | 1037594 | 23.47% | 1.938% |
| 38 | 10.320 | 2870 | 2886 | 2896 | rBV7 | 18505 | 50234 | 1.14% | 0.094% |
| 39 | 10.384 | 2897 | 2906 | 2916 | rVV5 | 40923 | 75260 | 1.70% | 0.141% |
| 40 | 10.442 | 2917 | 2924 | 2930 | rVV3 | 40290 | 64993 | 1.47% | 0.121% |
| 41 | 10.513 | 2931 | 2946 | 2966 | rVB | 474848 | 767086 | 17.35% | 1.433% |
| 42 | 10.606 | 2968 | 2975 | 2984 | rBV4 | 7610 | 17537 | 0.40% | 0.033% |
| 43 | 10.660 | 2985 | 2992 | 2996 | rBV5 | 13346 | 21384 | 0.48% | 0.040% |
| 44 | 10.770 | 3018 | 3026 | 3032 | rBV5 | 20623 | 28576 | 0.65% | 0.053% |
| 45 | 10.812 | 3032 | 3039 | 3045 | rBV2 | 104331 | 149312 | 3.38% | 0.279% |
| 46 | 10.850 | 3046 | 3051 | 3060 | rVB | 70700 | 96095 | 2.17% | 0.179% |
| 47 | 10.966 | 3079 | 3087 | 3093 | rBV5 | 32228 | 53258 | 1.20% | 0.099% |
| 48 | 11.030 | 3103 | 3107 | 3116 | rVB3 | 30793 | 40014 | 0.91% | 0.075% |
| 49 | 11.085 | 3117 | 3124 | 3132 | rBV2 | 53034 | 78335 | 1.77% | 0.146% |
| 50 | 11.178 | 3144 | 3153 | 3165 | rBV | 1007616 | 1587287 | 35.91% | 2.965% |
| 51 | 11.271 | 3175 | 3182 | 3188 | rBV | 88335 | 123691 | 2.80% | 0.231% |
| 52 | 11.310 | 3188 | 3194 | 3203 | rVB | 88530 | 123613 | 2.80% | 0.231% |
| 53 | 11.400 | 3214 | 3222 | 3232 | rVB | 88700 | 124611 | 2.82% | 0.233% |
| 54 | 11.506 | 3235 | 3255 | 3262 | rBV2 | 313557 | 649598 | 14.70% | 1.213% |
| 55 | 11.558 | 3262 | 3271 | 3293 | rVB5 | 1387824 | 3006724 | 68.02% | 5.616% |
| 56 | 11.680 | 3304 | 3309 | 3312 | rBV2 | 16405 | 20081 | 0.45% | 0.038% |
| 57 | 11.725 | 3314 | 3323 | 3329 | rBV | 523251 | 772900 | 17.48% | 1.444% |
| 58 | 11.844 | 3350 | 3360 | 3364 | rBV | 565076 | 799230 | 18.08% | 1.493% |
| 59 | 11.873 | 3364 | 3369 | 3379 | rVV | 715777 | 1064237 | 24.07% | 1.988% |
| 60 | 11.947 | 3380 | 3392 | 3416 | rVB | 1457527 | 2271678 | 51.39% | 4.243% |
| 61 | 12.053 | 3416 | 3425 | 3427 | rBV | 114282 | 151282 | 3.42% | 0.283% |
| 62 | 12.091 | 3428 | 3437 | 3454 | rVB3 | 405746 | 963321 | 21.79% | 1.799% |
| 63 | 12.188 | 3454 | 3467 | 3476 | rBV5 | 171603 | 410092 | 9.28% | 0.766% |
| 64 | 12.249 | 3477 | 3486 | 3495 | rVB | 345281 | 532839 | 12.05% | 0.995% |
| 65 | 12.310 | 3495 | 3505 | 3508 | rBV5 | 179492 | 265320 | 6.00% | 0.496% |
| 66 | 12.345 | 3508 | 3516 | 3524 | rVV | 1194076 | 1776578 | 40.19% | 3.318% |
| 67 | 12.397 | 3524 | 3532 | 3543 | rVB | 1676313 | 2455688 | 55.55% | 4.586% |
| 68 | 12.484 | 3550 | 3559 | 3565 | rBV | 839336 | 1186577 | 26.84% | 2.216% |
| 69 | 12.519 | 3565 | 3570 | 3575 | rVV | 793079 | 1147130 | 25.95% | 2.142% |
| 70 | 12.548 | 3575 | 3579 | 3588 | rVV | 946911 | 1248584 | 28.25% | 2.332% |
| 71 | 12.599 | 3588 | 3595 | 3602 | rVB | 288211 | 370301 | 8.38% | 0.692% |
| 72 | 12.657 | 3603 | 3613 | 3626 | rVB2 | 1458308 | 2262417 | 51.18% | 4.226% |
| 73 | 12.728 | 3626 | 3635 | 3643 | rBV2 | 585969 | 847361 | 19.17% | 1.583% |
| 74 | 12.783 | 3643 | 3652 | 3655 | rBV2 | 744012 | 1109703 | 25.10% | 2.073% |
| 75 | 12.815 | 3656 | 3662 | 3690 | rVB6 | 1688072 | 4420530 | 100.00% | 8.256% |
| 76 | 12.934 | 3690 | 3699 | 3707 | rBV | 941590 | 1345742 | 30.44% | 2.513% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

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\SFAMVLM080224WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 12.979 | 3707 | 3713 | 3723 | rVB5 | 106590 | 186950 | 4.23% | 0.349% |
| 78 | 13.027 | 3723 | 3728 | 3741 | rVB2 | 159926 | 237295 | 5.37% | 0.443% |
| 79 | 13.098 | 3742 | 3750 | 3758 | rBV | 170508 | 269934 | 6.11% | 0.504% |
| 80 | 13.149 | 3759 | 3766 | 3773 | rVB2 | 151584 | 213849 | 4.84% | 0.399% |
| 81 | 13.204 | 3773 | 3783 | 3788 | rBV2 | 826816 | 1301603 | 29.44% | 2.431% |
| 82 | 13.300 | 3808 | 3813 | 3816 | rBV | 42610 | 43221 | 0.98% | 0.081% |
| 83 | 13.336 | 3816 | 3824 | 3834 | rVB | 365833 | 518901 | 11.74% | 0.969% |
| 84 | 13.397 | 3835 | 3843 | 3848 | rBV2 | 236186 | 356403 | 8.06% | 0.666% |
| 85 | 13.432 | 3849 | 3854 | 3864 | rVB | 407478 | 586857 | 13.28% | 1.096% |
| 86 | 13.480 | 3864 | 3869 | 3879 | rVB2 | 83277 | 122221 | 2.76% | 0.228% |
| 87 | 13.551 | 3880 | 3891 | 3892 | rBV5 | 53171 | 86952 | 1.97% | 0.162% |
| 88 | 13.644 | 3911 | 3920 | 3930 | rBV3 | 102446 | 206273 | 4.67% | 0.385% |
| 89 | 13.699 | 3933 | 3937 | 3946 | rVB | 59303 | 77842 | 1.76% | 0.145% |
| 90 | 13.837 | 3971 | 3980 | 3995 | rVB2 | 315338 | 467867 | 10.58% | 0.874% |
| 91 | 14.030 | 4029 | 4040 | 4054 | rVB7 | 50803 | 109995 | 2.49% | 0.205% |
| 92 | 14.445 | 4165 | 4169 | 4178 | rVB4 | 40481 | 53738 | 1.22% | 0.100% |
| 93 | 14.525 | 4189 | 4194 | 4204 | rVB3 | 16089 | 23369 | 0.53% | 0.044% |
| 94 | 14.590 | 4206 | 4214 | 4221 | rBV3 | 47338 | 69771 | 1.58% | 0.130% |
| 95 | 14.782 | 4265 | 4274 | 4283 | rBV | 174390 | 237406 | 5.37% | 0.443% |
| 96 | 14.879 | 4298 | 4304 | 4312 | rVB7 | 14322 | 22146 | 0.50% | 0.041% |
| 97 | 15.358 | 4446 | 4453 | 4460 | rBV3 | 25340 | 36292 | 0.82% | 0.068% |
| 98 | 15.670 | 4543 | 4550 | 4557 | rBV | 47456 | 63298 | 1.43% | 0.118% |
| 99 | 15.750 | 4569 | 4575 | 4581 | rVB10 | 12865 | 17086 | 0.39% | 0.032% |
| 100 | 16.506 | 4805 | 4810 | 4818 | rBV5 | 11503 | 14199 | 0.32% | 0.027% |

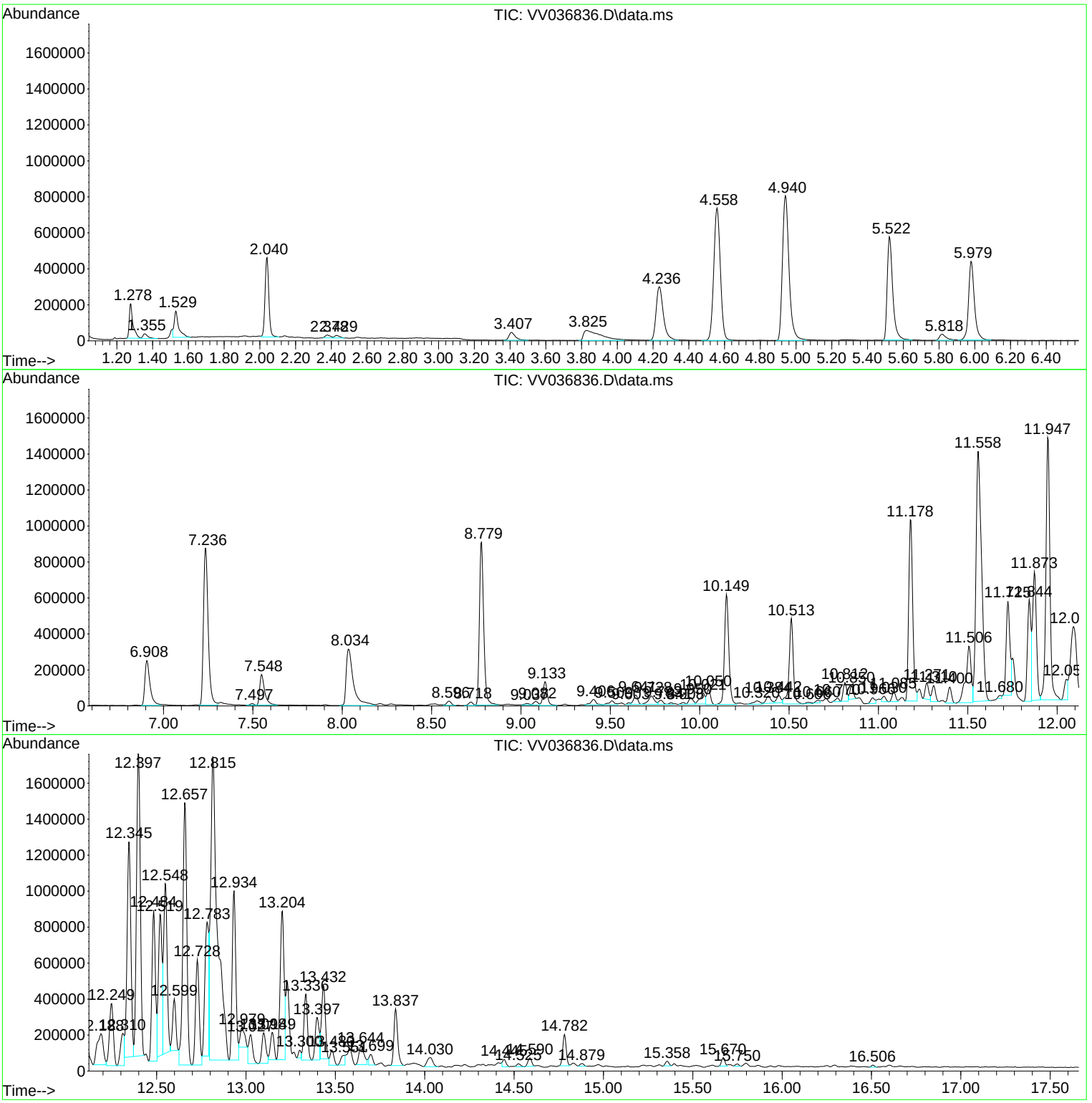
Sum of corrected areas: 53541855

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

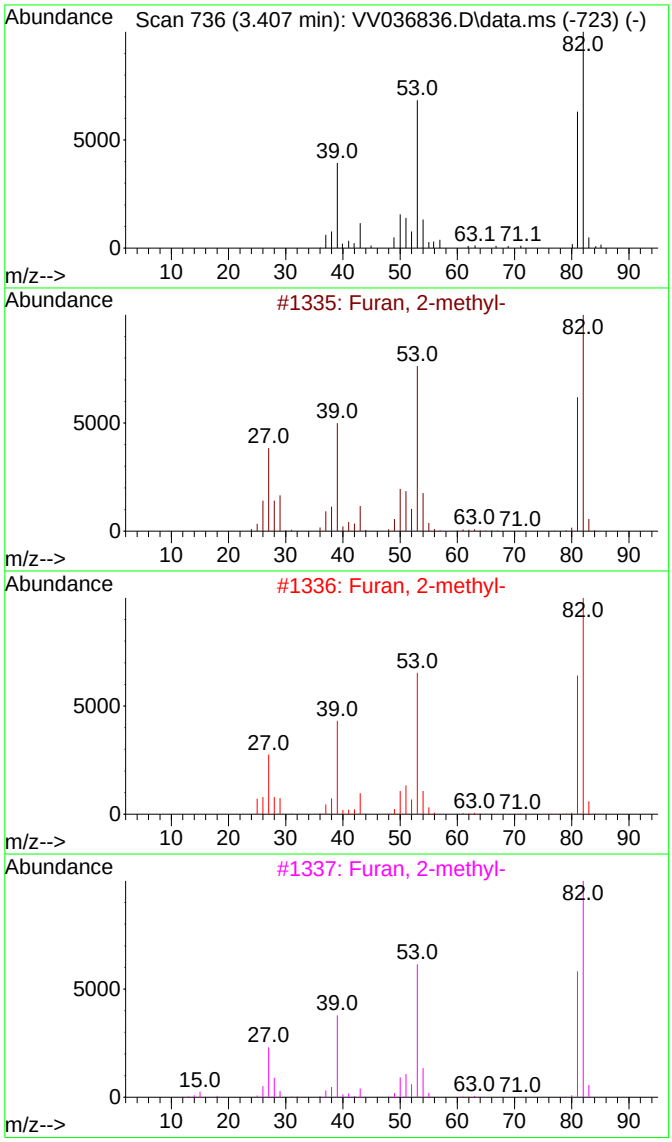
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

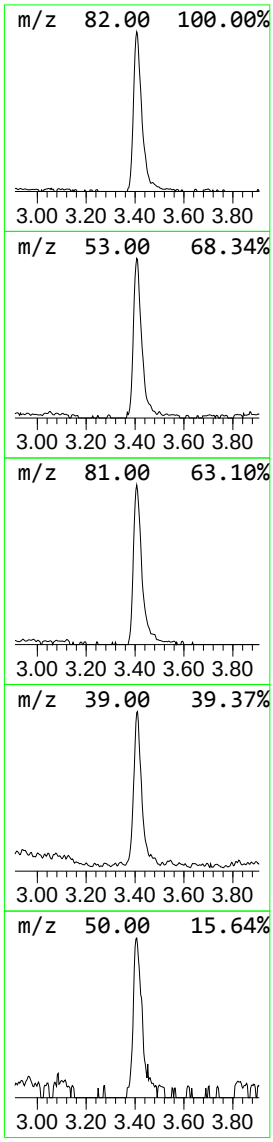
**********

Peak Number 1 Furan, 2-methyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.407 | 4.49 ug/L | 110836 | 1,4-Difluorobenzene | 5.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, 2-methyl- | 82 | C5H6O | 000534-22-5 | 94 |
| 2 | Furan, 2-methyl- | 82 | C5H6O | 000534-22-5 | 91 |
| 3 | Furan, 2-methyl- | 82 | C5H6O | 000534-22-5 | 87 |
| 4 | Furan, 3-methyl- | 82 | C5H6O | 000930-27-8 | 80 |
| 5 | Furan, 3-methyl- | 82 | C5H6O | 000930-27-8 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

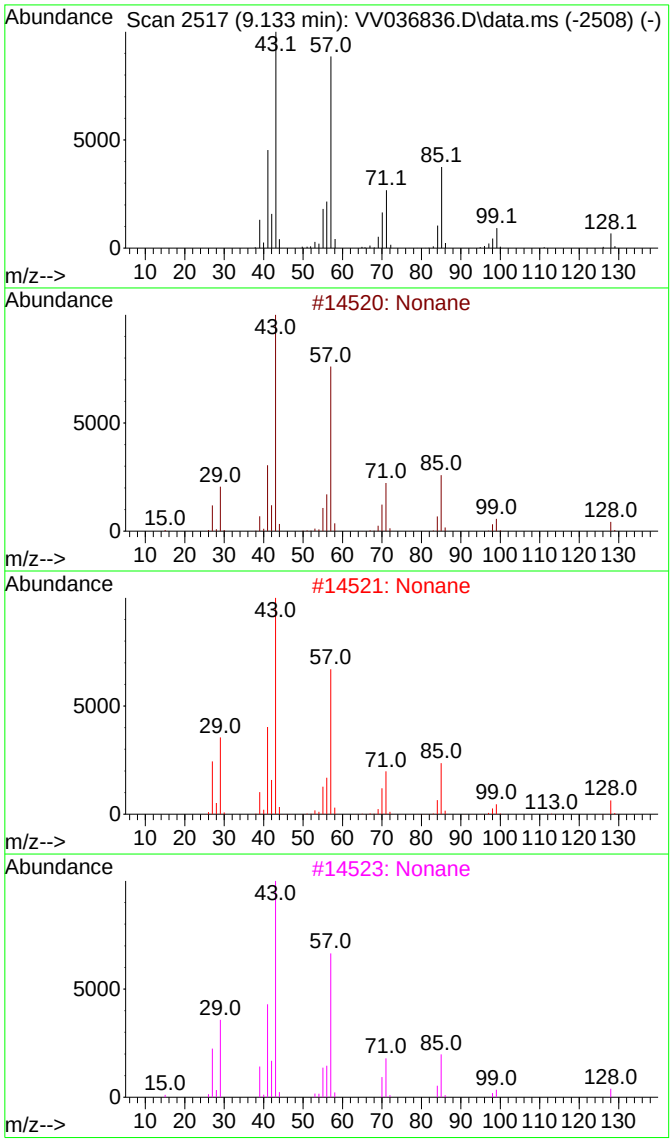
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

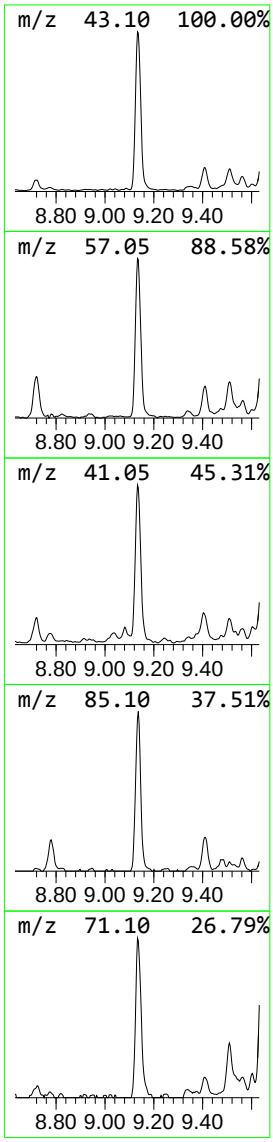
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.133 | 7.17 ug/L | 217249 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 97 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 94 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 94 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 91 |
| 5 | Sulfurous acid, hexyl pentadecyl... | 376 | C21H44O3S | 1000309-13-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

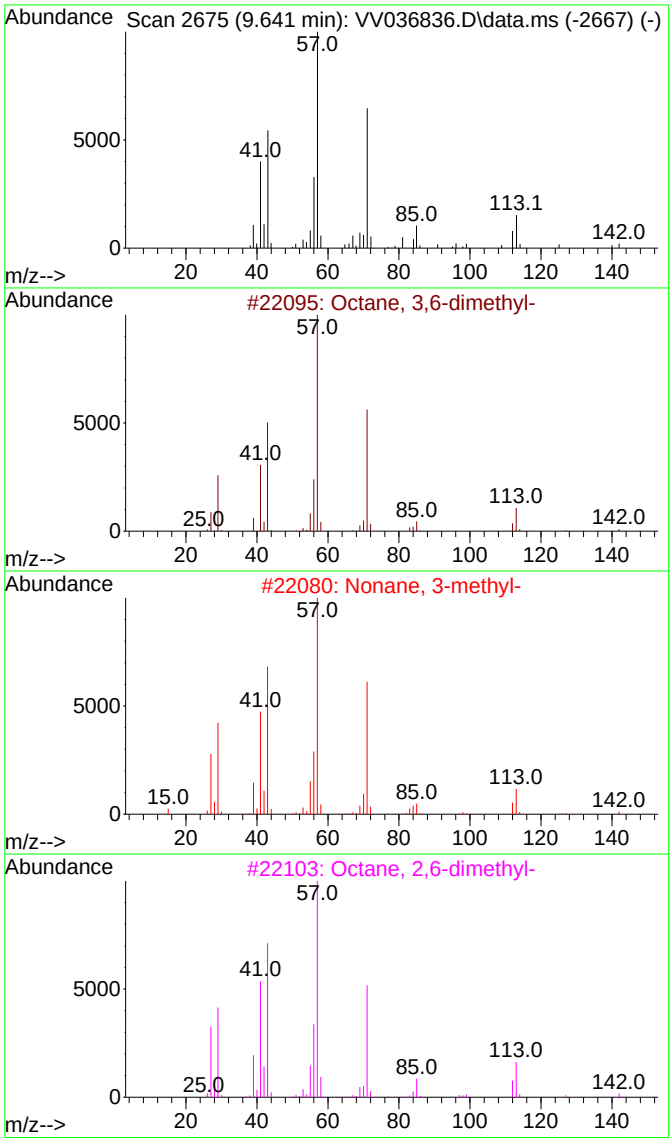
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

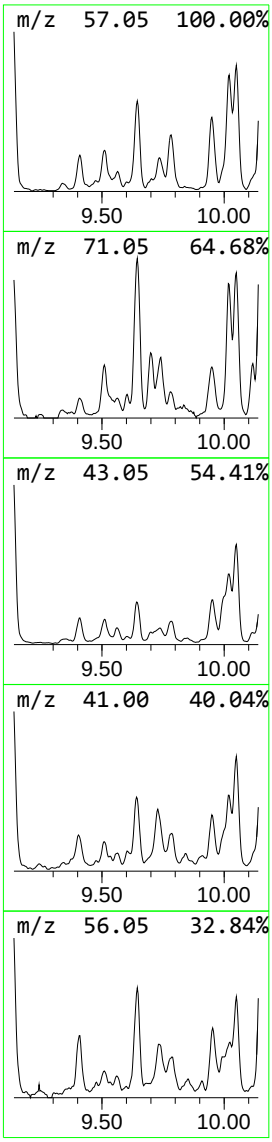
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.641 | 2.76 ug/L | 83788 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 91 |
| 2 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 91 |
| 3 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 90 |
| 4 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 90 |
| 5 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

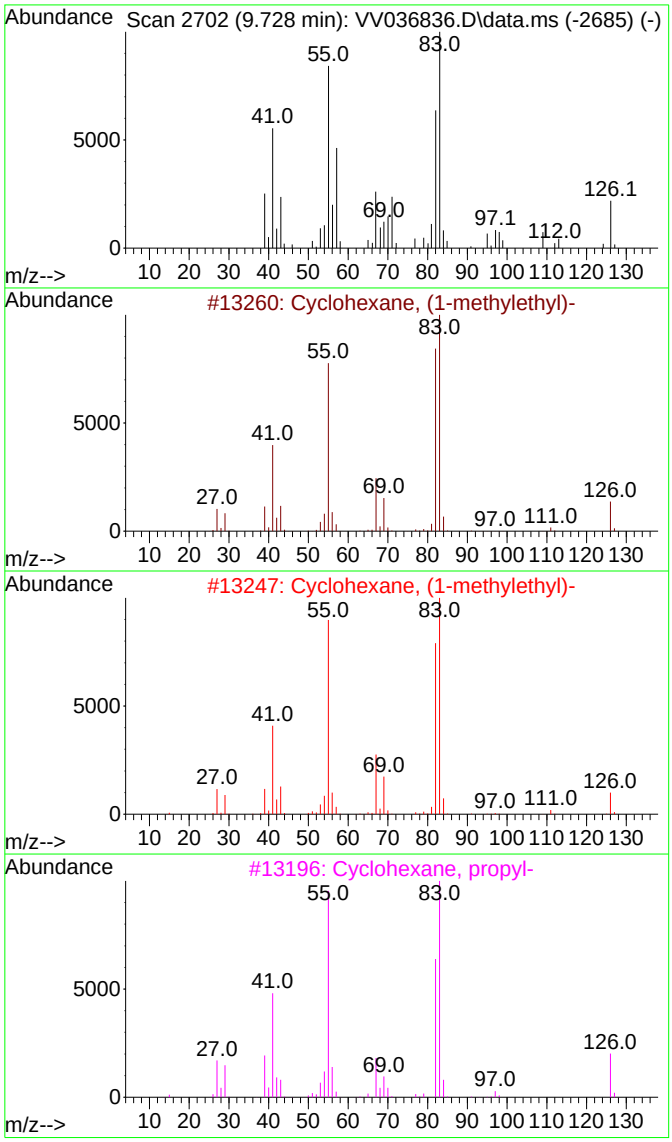
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

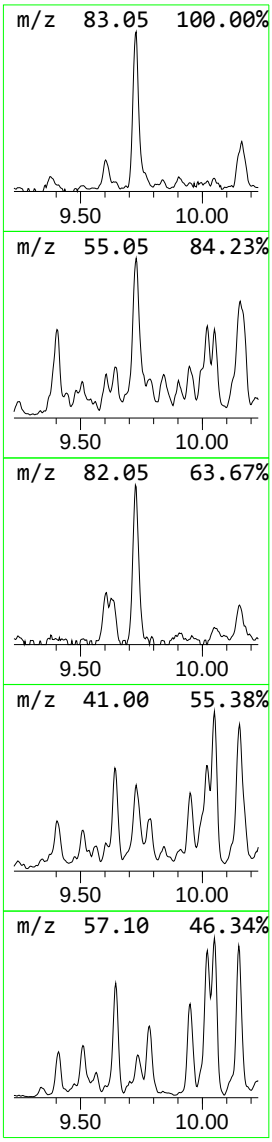
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Cyclic9.728 Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.728 | 3.65 ug/L | 110551 | Chlorobenzene-d5 | 8.779 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 76 |
| 2 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 76 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 76 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 68 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

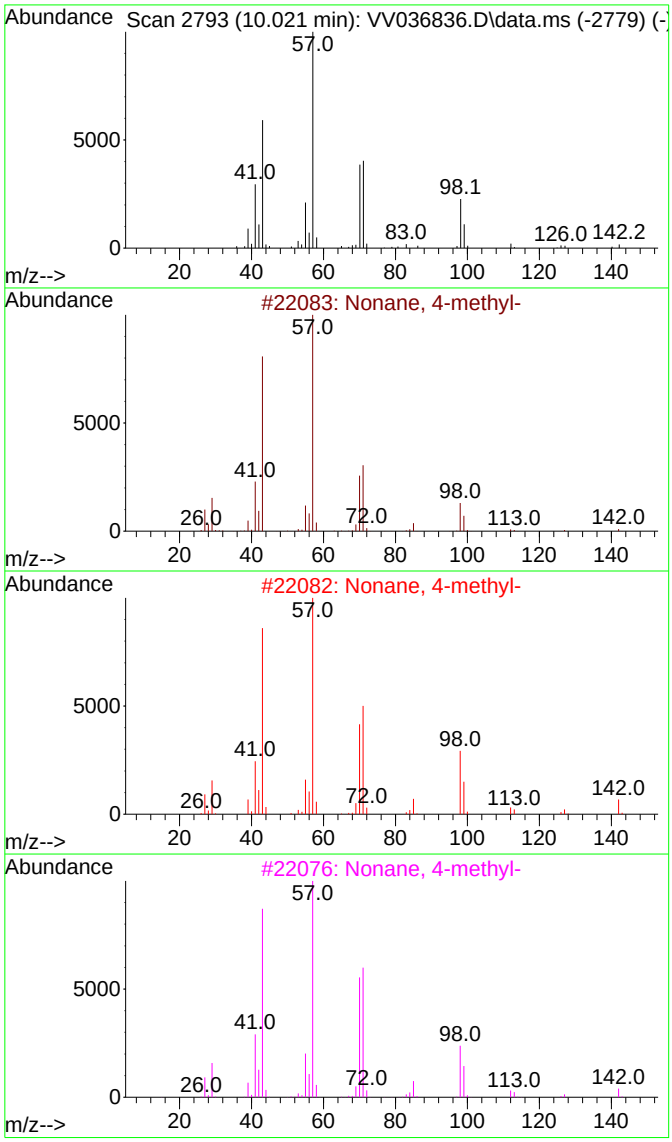
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

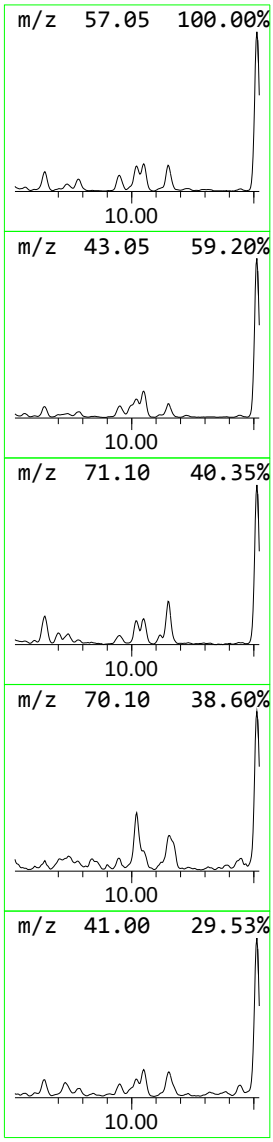
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.021 | 3.83 ug/L | 121741 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 91 |
| 2 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 74 |
| 3 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 64 |
| 4 | Heptane, 2,3,4-trimethyl- | 142 | C10H22 | 052896-95-4 | 64 |
| 5 | Undecane, 4,5-dimethyl- | 184 | C13H28 | 017312-79-7 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

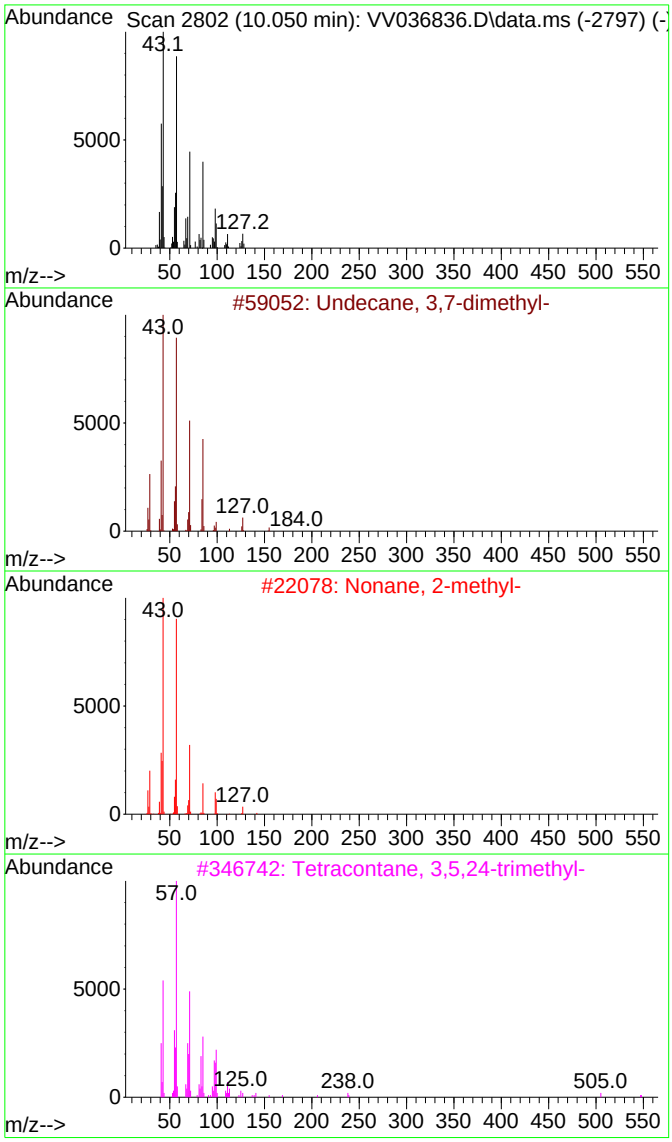
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

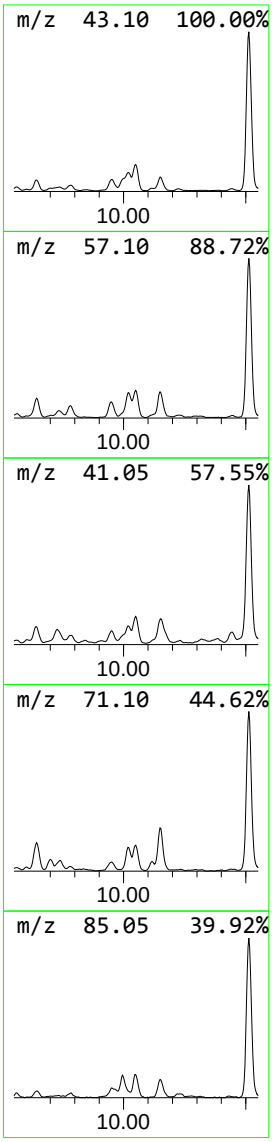
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.050 | 3.78 ug/L | 120131 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 3,7-dimethyl- | 184 | C13H28 | 017301-29-0 | 59 |
| 2 | Nonane, 2-methyl- | 142 | C10H22 | 000871-83-0 | 53 |
| 3 | Tetracontane, 3,5,24-trimethyl- | 605 | C43H88 | 055162-61-3 | 53 |
| 4 | Decane, 2,4,6-trimethyl- | 184 | C13H28 | 062108-27-4 | 53 |
| 5 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

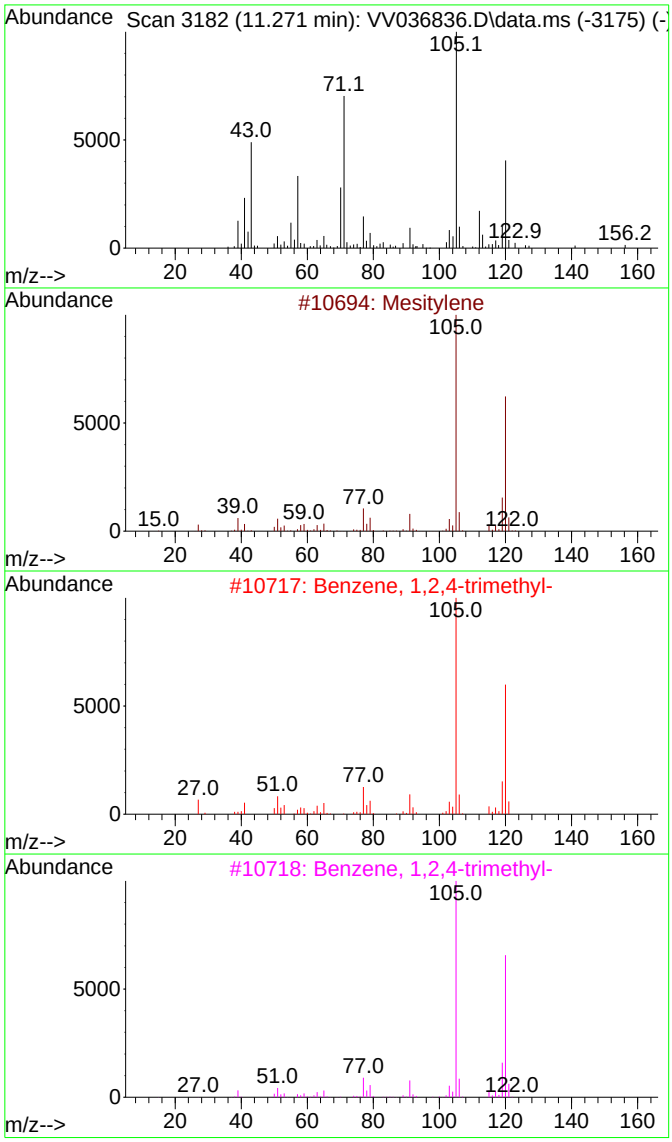
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

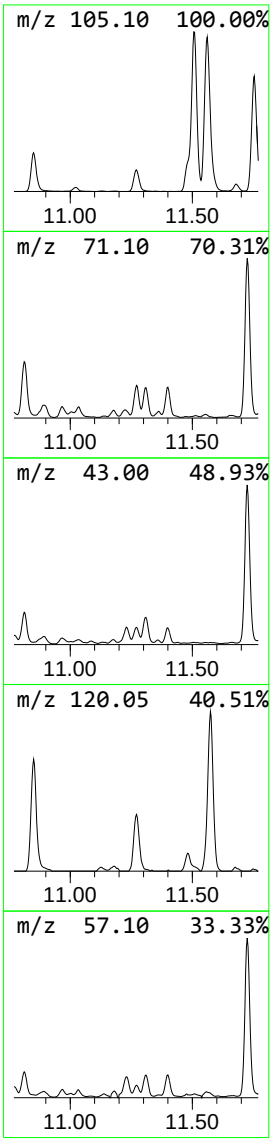
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.271 | 3.90 ug/L | 123691 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 55 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 55 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 55 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 55 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

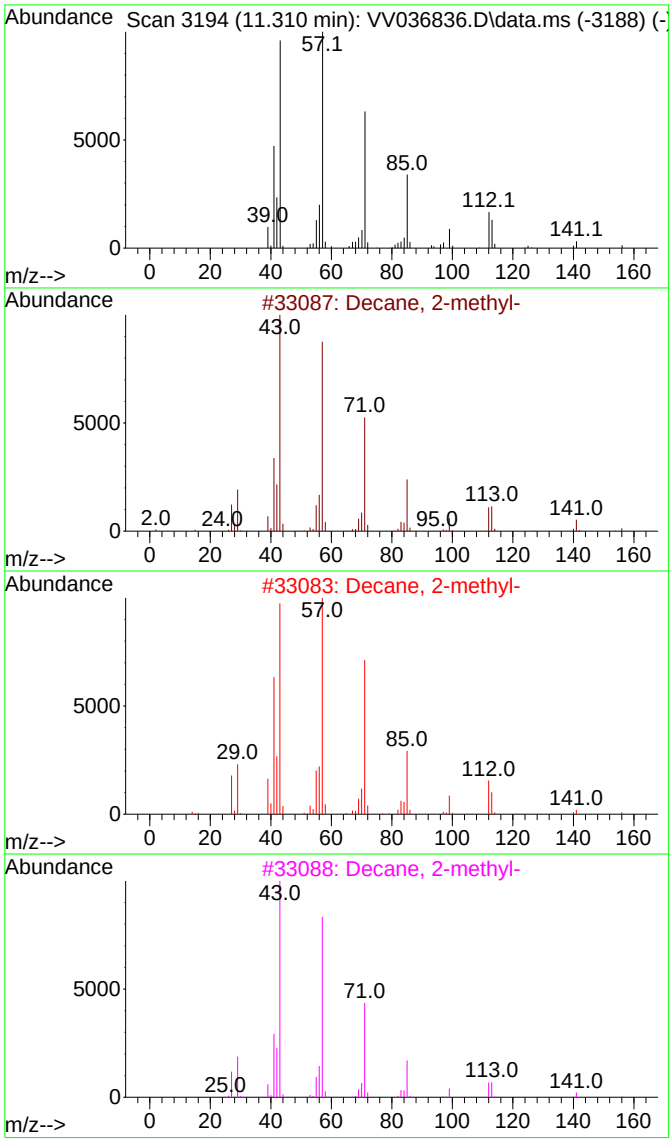
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

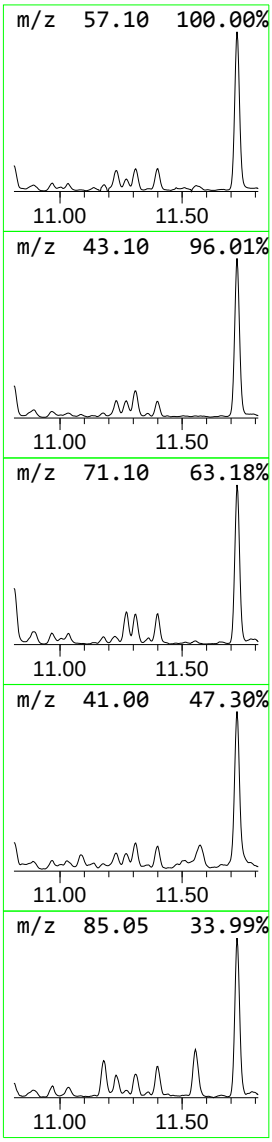
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.310 | 3.89 ug/L | 123613 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 94 |
| 2 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 94 |
| 3 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 91 |
| 4 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 72 |
| 5 | Nonane, 4,5-dimethyl- | 156 | C11H24 | 017302-23-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

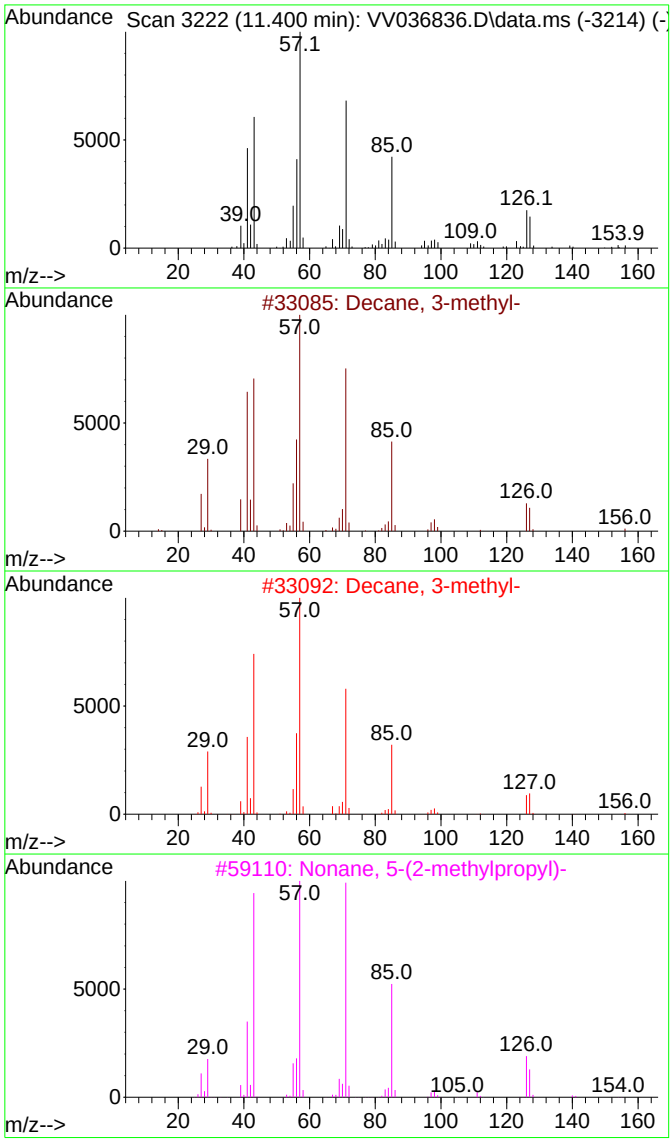
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

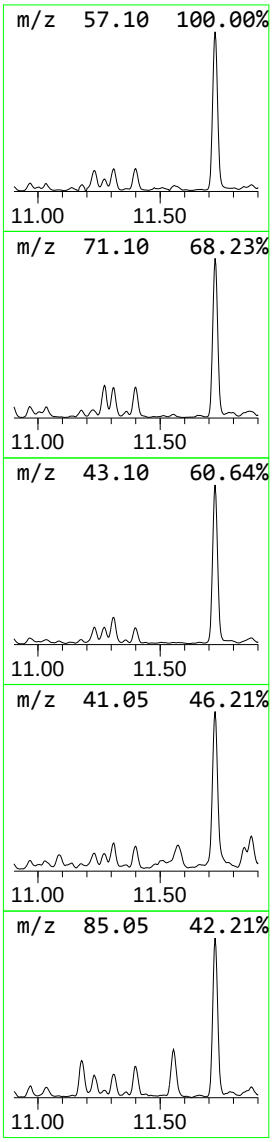
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.400 | 3.93 ug/L | 124611 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 97 |
| 2 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 94 |
| 3 | Nonane, 5-(2-methylpropyl)- | 184 | C13H28 | 062185-53-9 | 64 |
| 4 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 59 |
| 5 | Undecane, 5-ethyl- | 184 | C13H28 | 017453-94-0 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

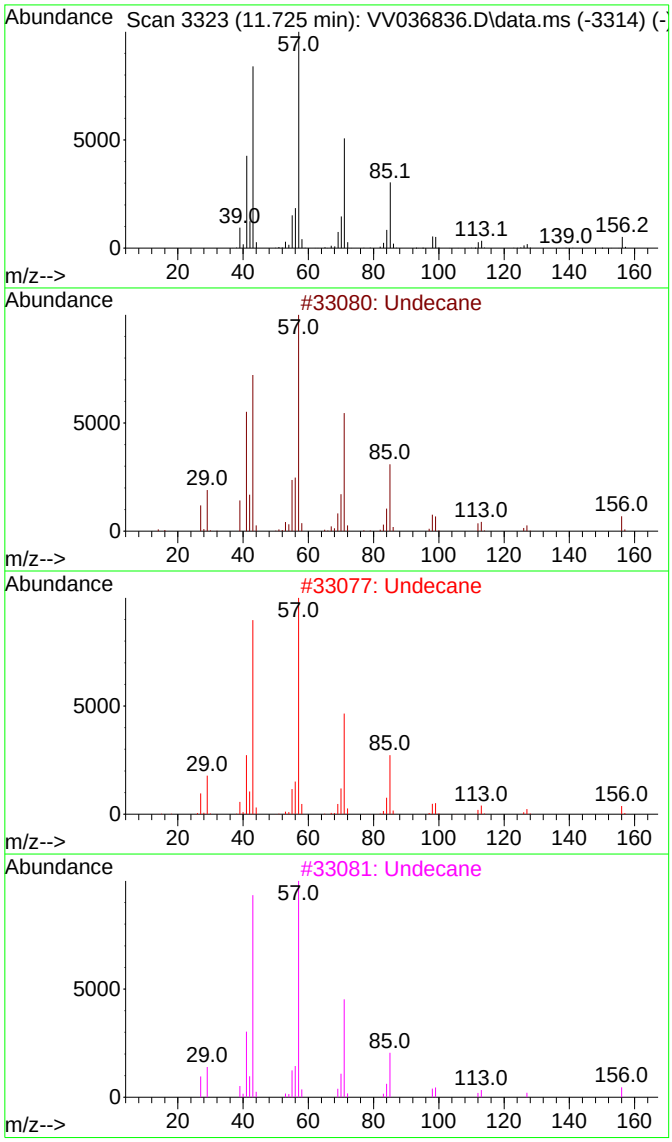
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

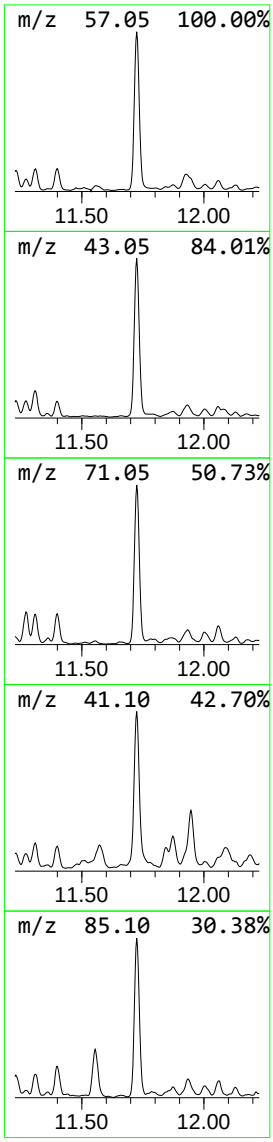
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.725 | 24.35 ug/L | 772900 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 96 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 3 | Undecane | 156 | C11H24 | 001120-21-4 | 90 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 5 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

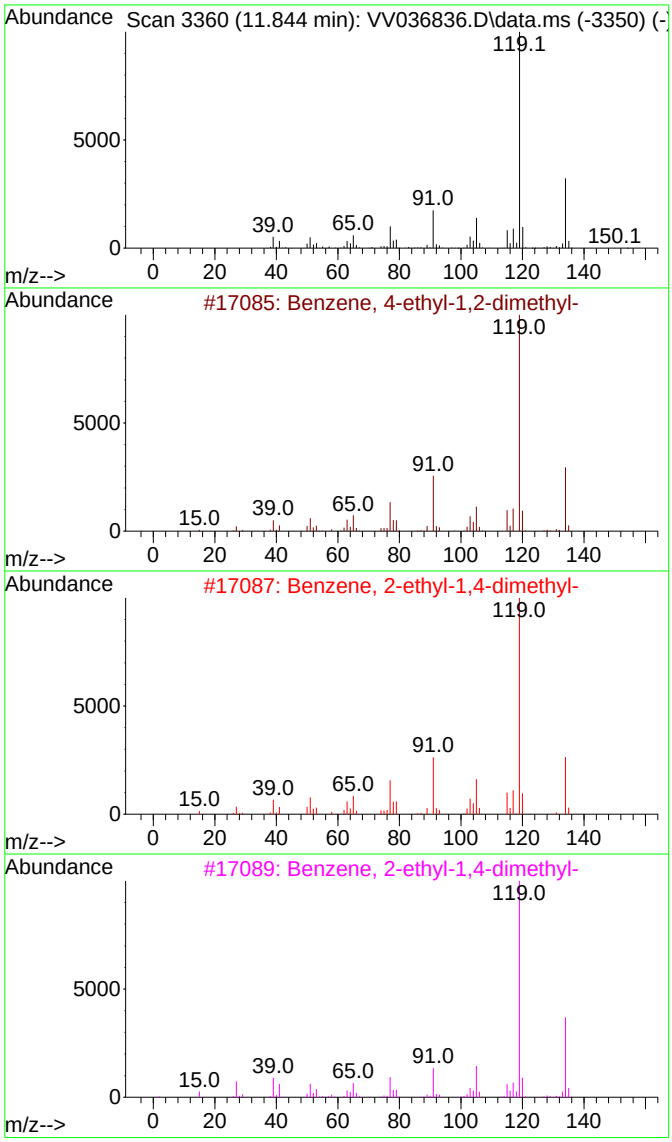
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

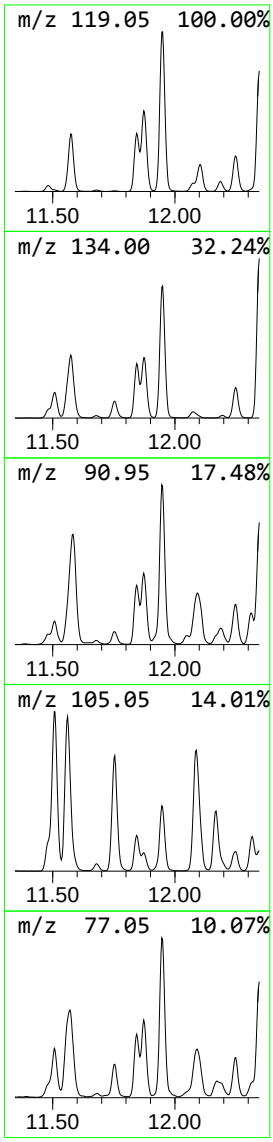
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.844 | 25.18 ug/L | 799230 | 1,4-Dichlorobenzene-d4 | 11.181 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

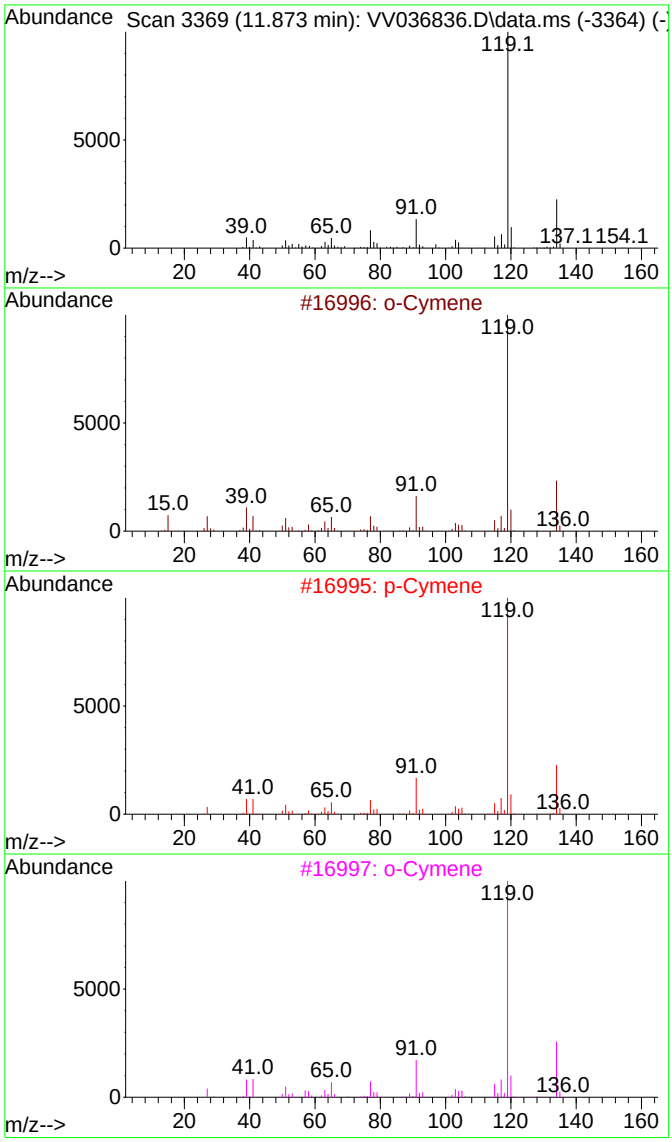
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

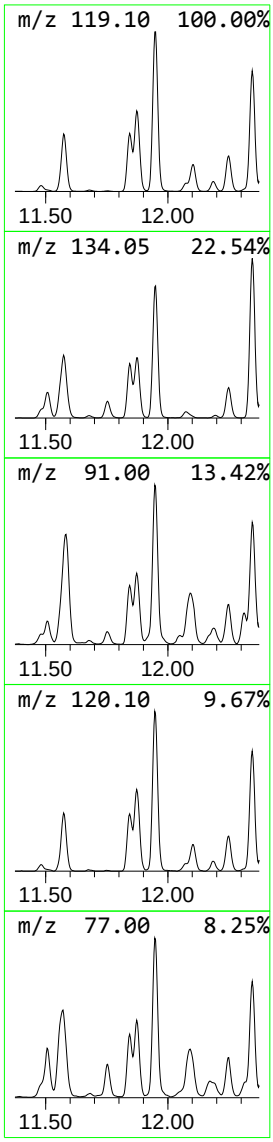
**********

Peak Number 14 o-Cymene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.873 | 33.52 ug/L | 1064240 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 91 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

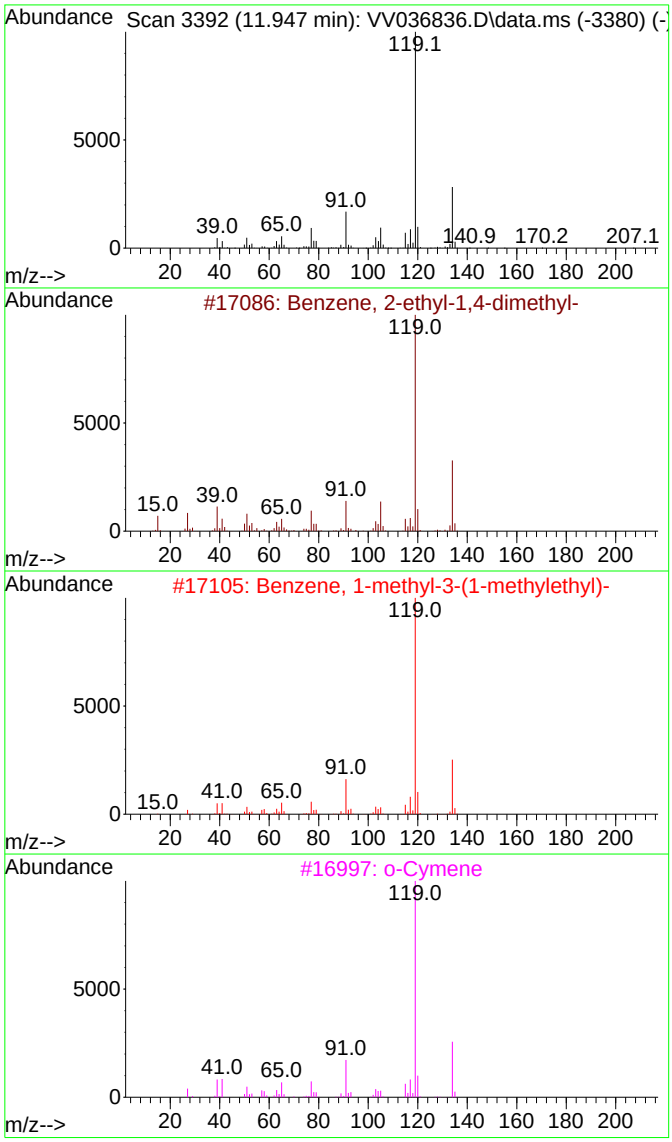
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

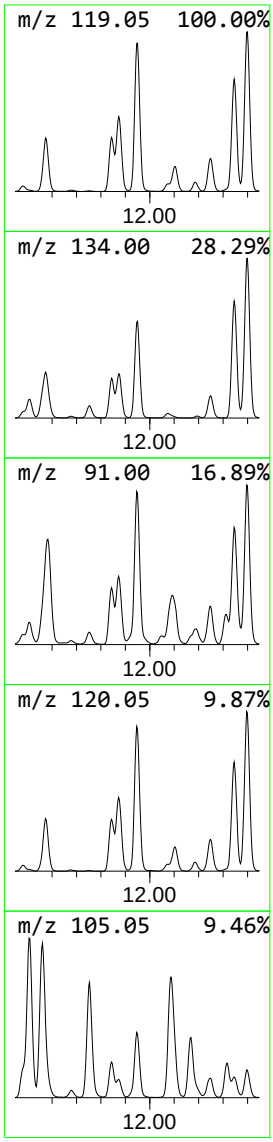
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.947 | 71.56 ug/L | 2271680 | 1,4-Dichlorobenzene-d4 | 11.181 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

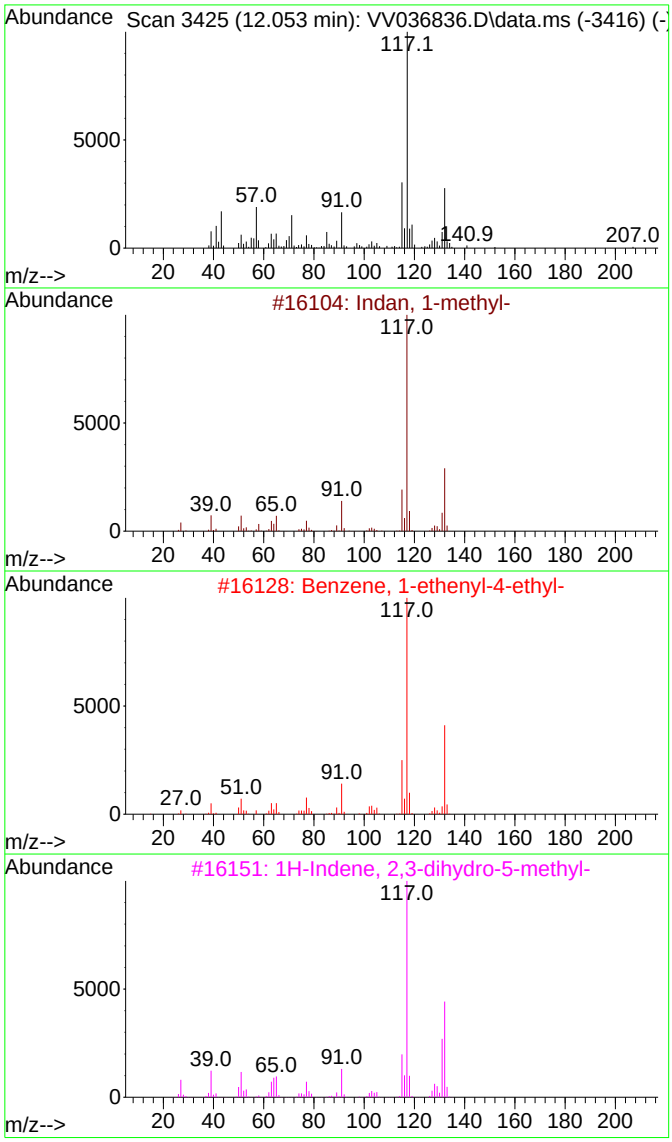
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

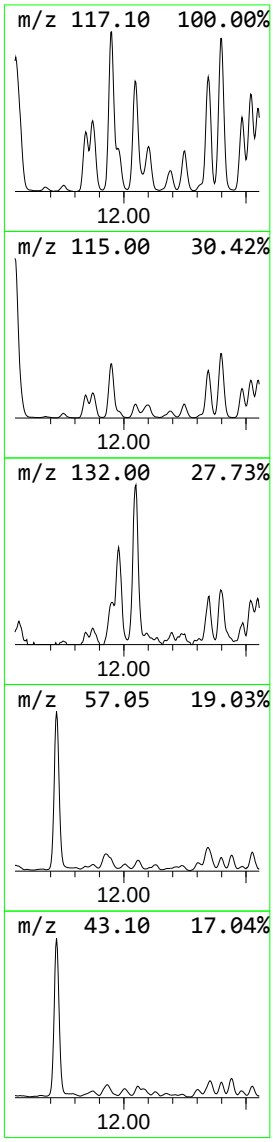
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Indan, 1-methyl- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.053 | 4.77 ug/L | 151282 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 81 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 80 |
| 3 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 74 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 74 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

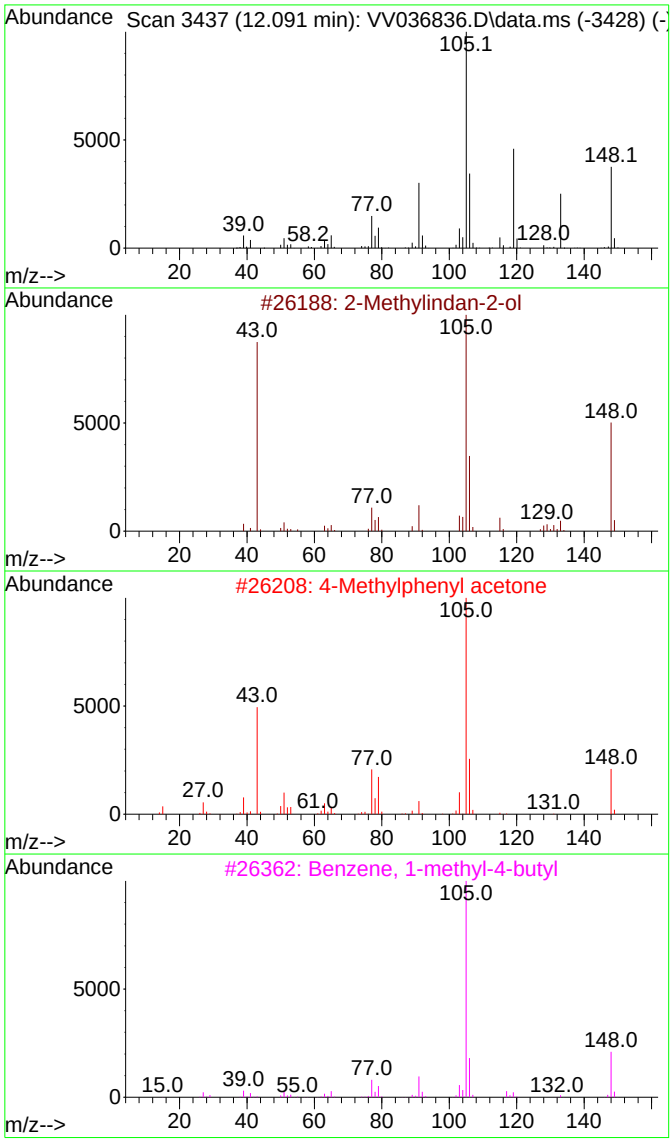
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

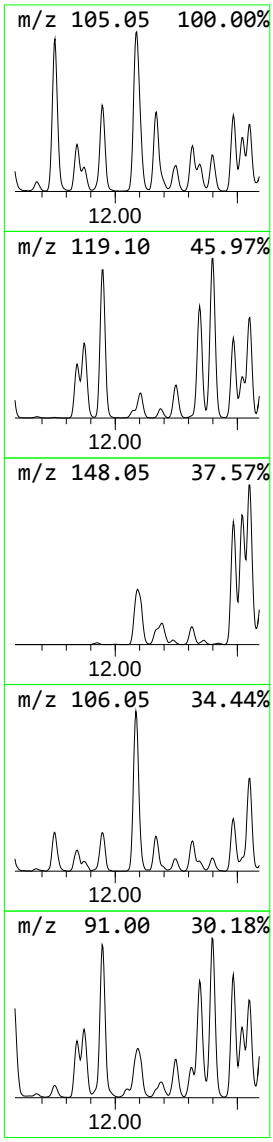
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 2-Methylindan-2-ol Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.091 | 30.34 ug/L | 963321 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methylindan-2-ol | 148 | C10H12O | 033223-84-6 | 55 |
| 2 | 4-Methylphenyl acetone | 148 | C10H12O | 002096-86-8 | 50 |
| 3 | Benzene, 1-methyl-4-butyl | 148 | C11H16 | 001595-05-7 | 38 |
| 4 | Benzenepropanal, .beta.-methyl- | 148 | C10H12O | 016251-77-7 | 38 |
| 5 | 2-Butanone, 4-phenyl- | 148 | C10H12O | 002550-26-7 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

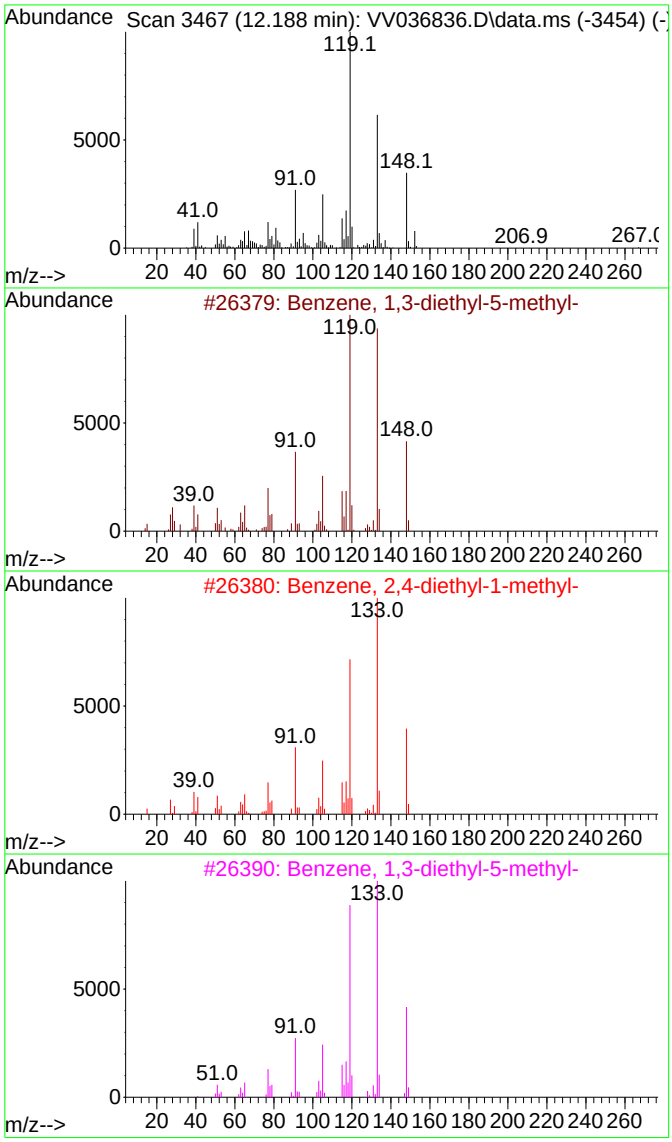
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

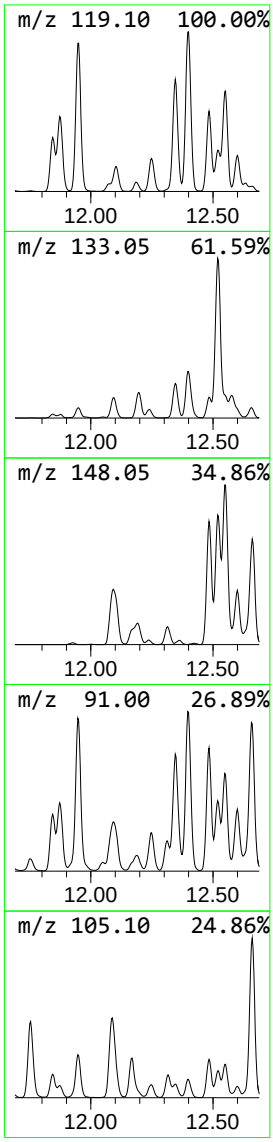
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.188 | 12.92 ug/L | 410092 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 93 |
| 2 | Benzene, 2,4-diethyl-1-methyl- | 148 | C11H16 | 001758-85-6 | 70 |
| 3 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 70 |
| 4 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 49 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 49 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

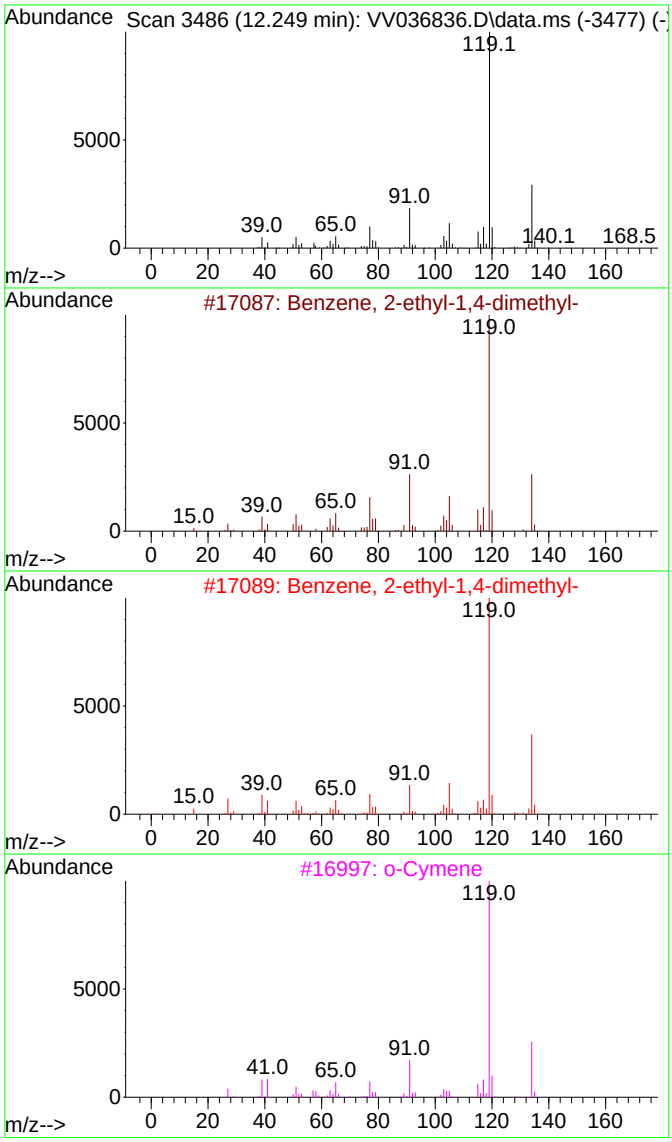
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

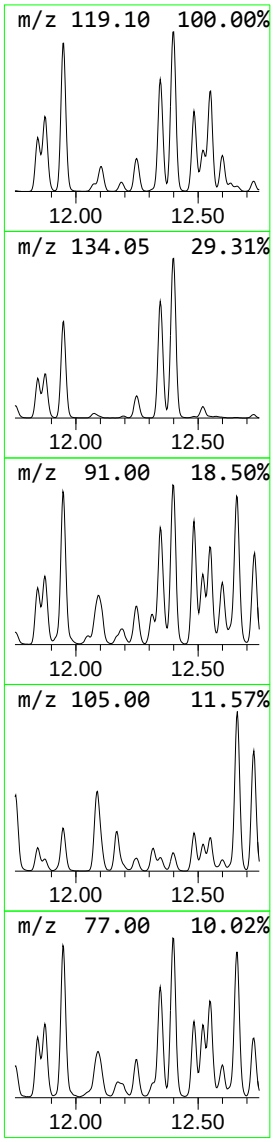
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.249 | 16.78 ug/L | 532839 | 1,4-Dichlorobenzene-d4 | 11.181 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

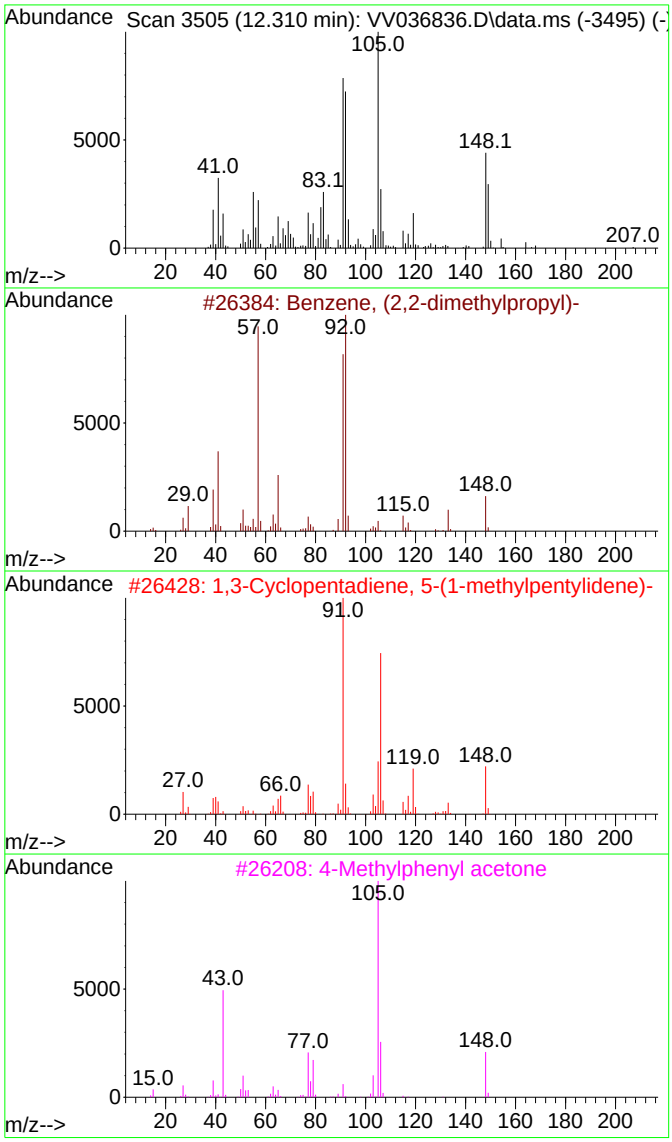
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

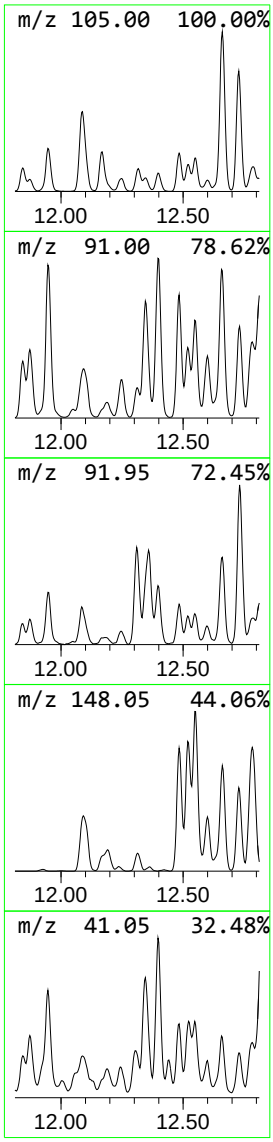
**********

Peak Number 20 unknown-01 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.310 | 8.36 ug/L | 265320 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2,2-dimethylpropyl)- | 148 | C11H16 | 001007-26-7 | 46 |
| 2 | 1,3-Cyclopentadiene, 5-(1-methyl... | 148 | C11H16 | 061039-45-0 | 43 |
| 3 | 4-Methylphenyl acetone | 148 | C10H12O | 002096-86-8 | 41 |
| 4 | Benzamide, N,N-dimethyl- | 149 | C9H11NO | 000611-74-5 | 38 |
| 5 | Benzene, (2-methylbutyl)- | 148 | C11H16 | 003968-85-2 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

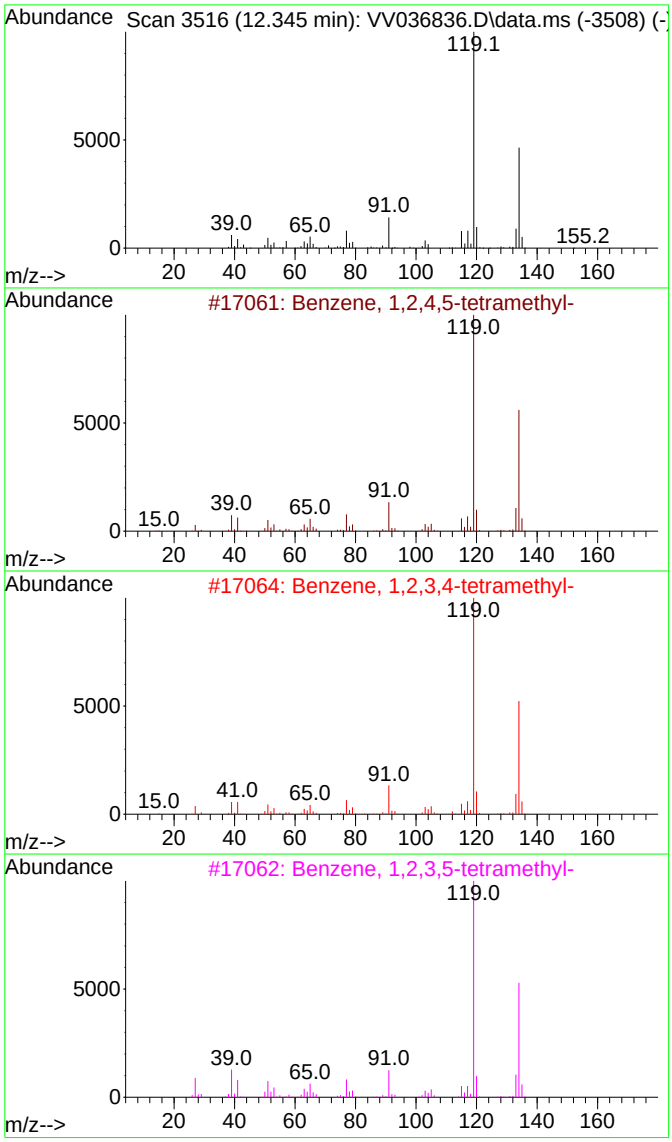
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

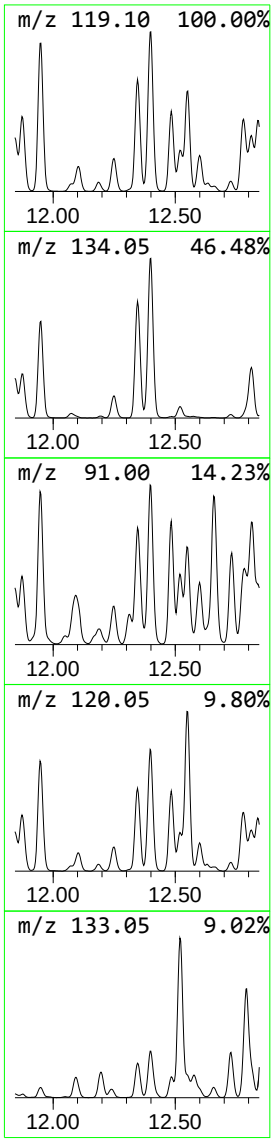
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.345 | 55.96 ug/L | 1776580 | 1,4-Dichlorobenzene-d4 | 11.181 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

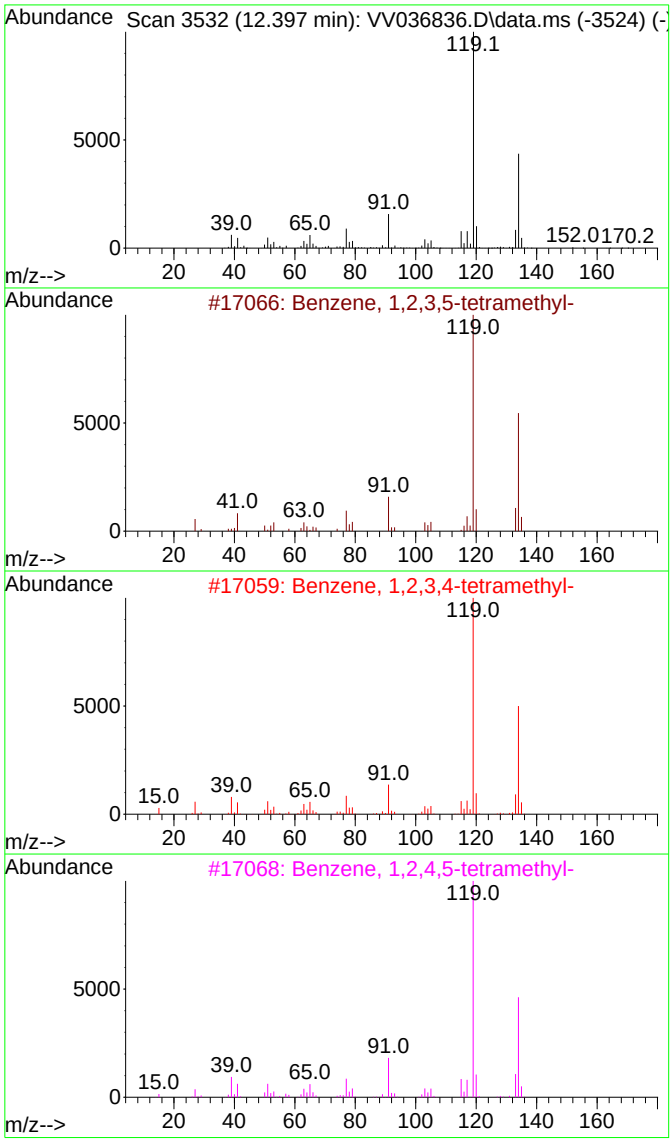
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

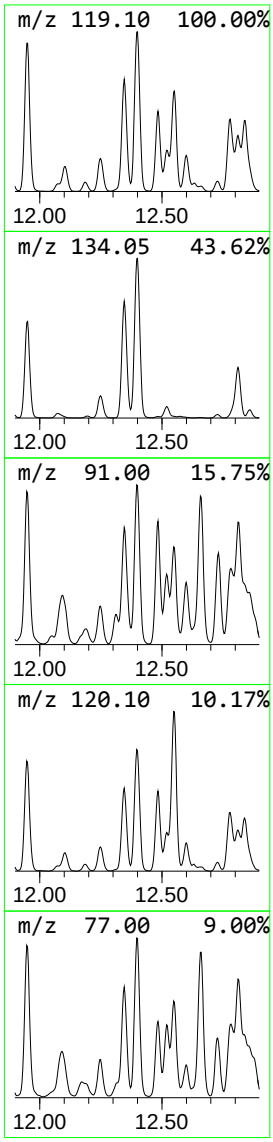
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.397 | 77.35 ug/L | 2455690 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

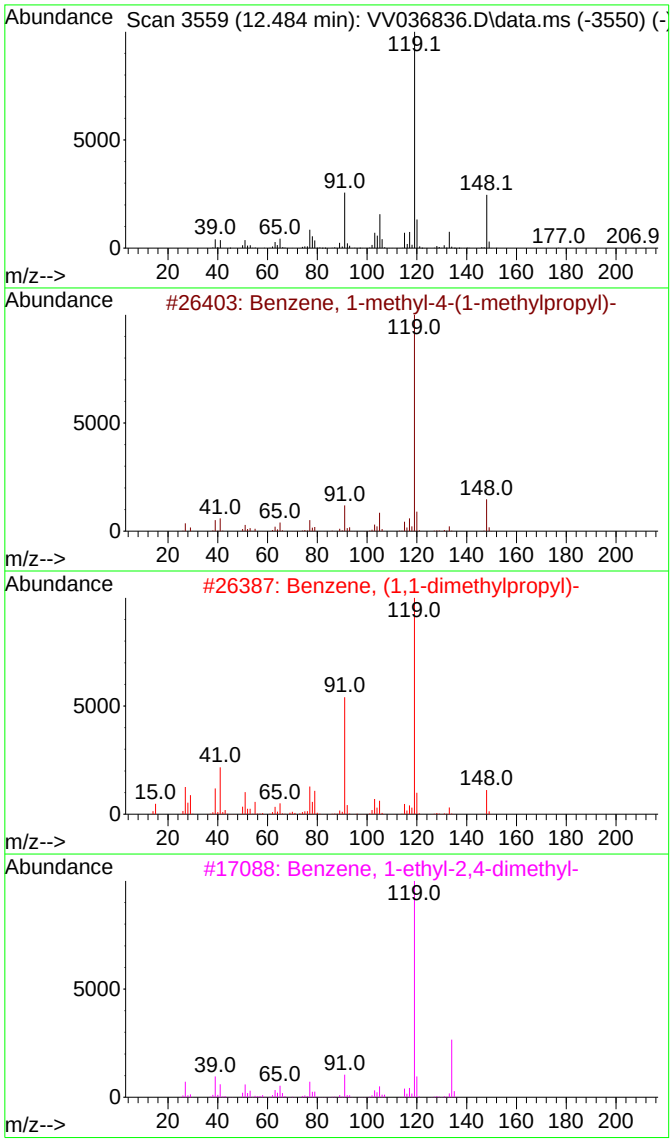
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

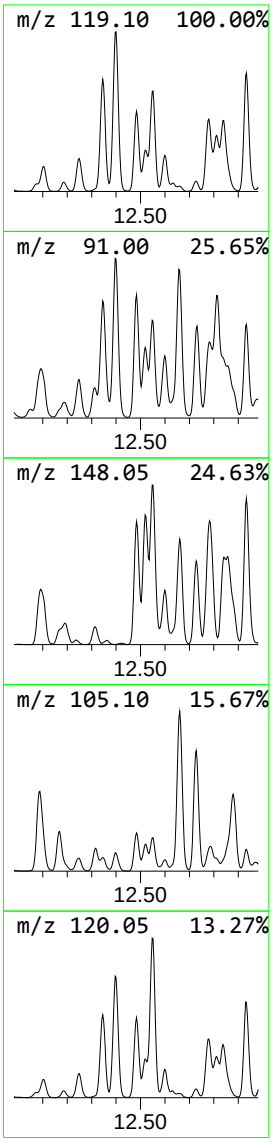
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzene, 1-methyl-4-(1-meth... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.483 | 37.38 ug/L | 1186580 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 91 |
| 2 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 87 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 74 |
| 4 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 72 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

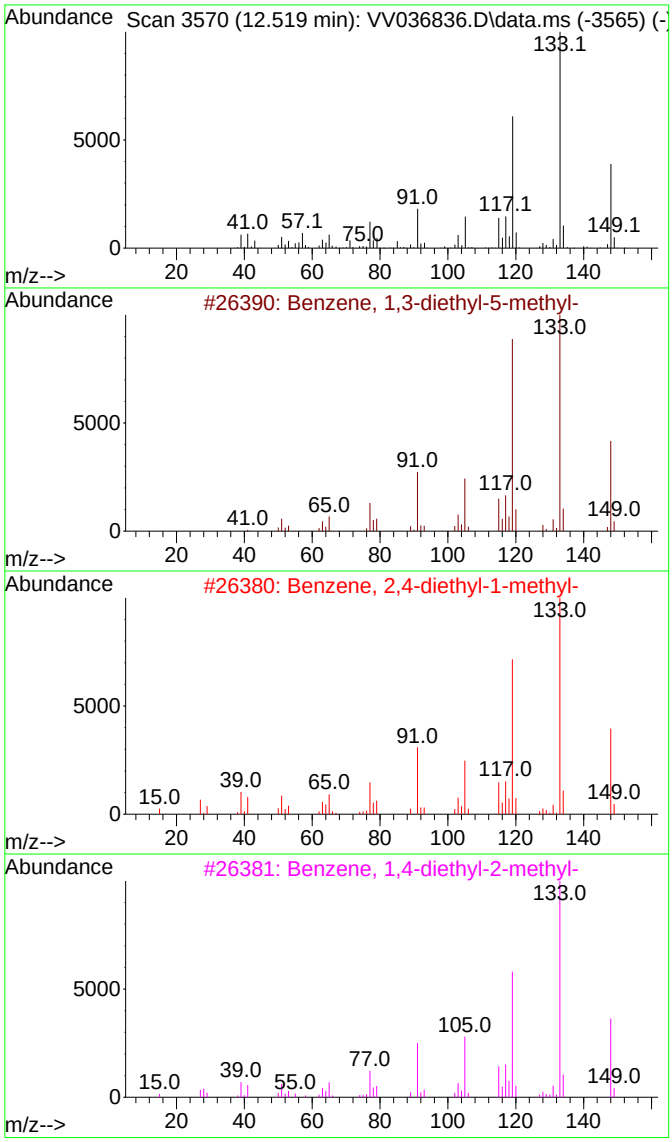
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

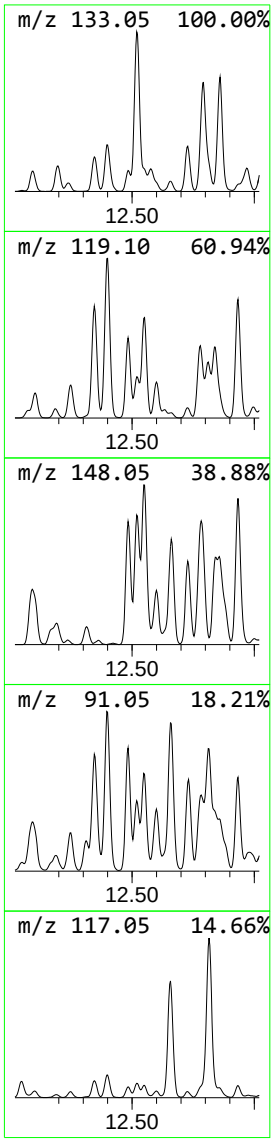
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.519 | 36.13 ug/L | 1147130 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 96 |
| 2 | Benzene, 2,4-diethyl-1-methyl- | 148 | C11H16 | 001758-85-6 | 96 |
| 3 | Benzene, 1,4-diethyl-2-methyl- | 148 | C11H16 | 013632-94-5 | 94 |
| 4 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 90 |
| 5 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

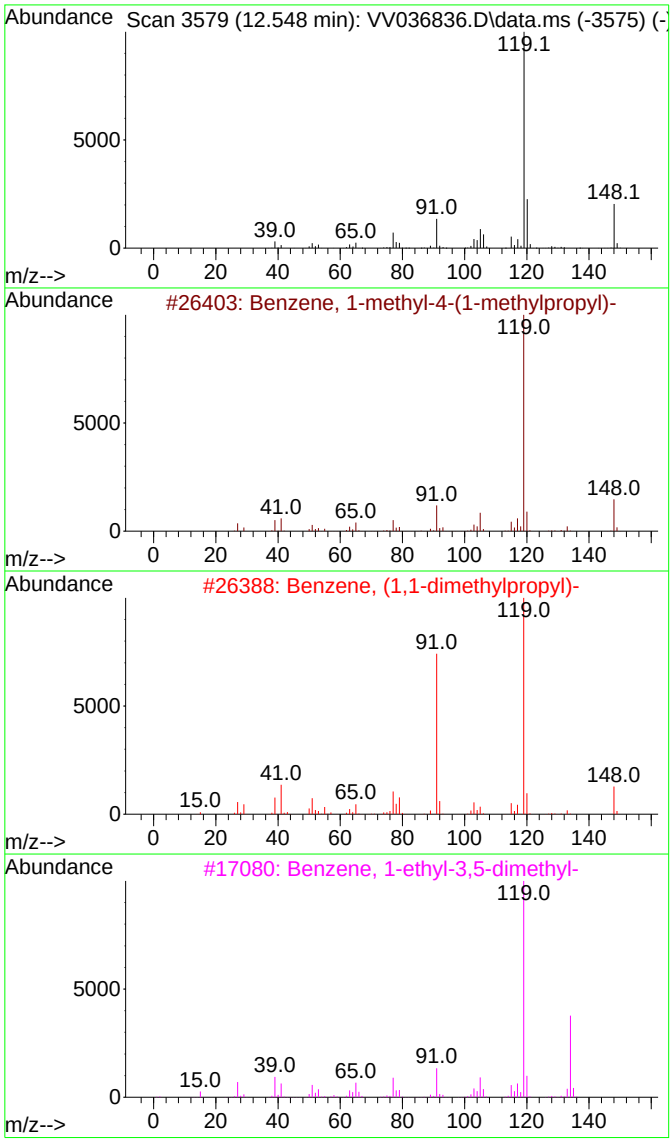
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

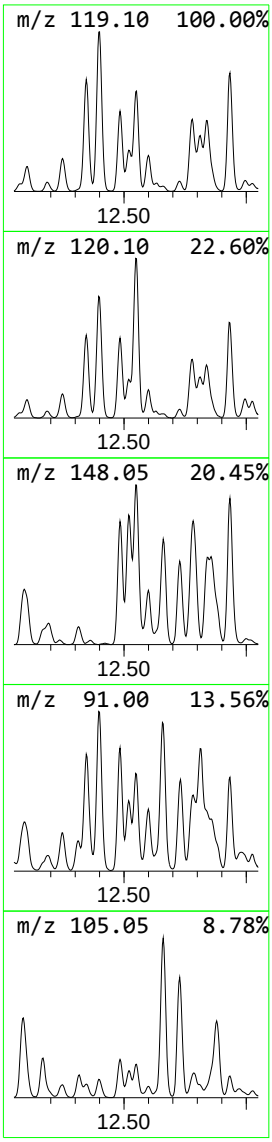
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Benzene, (1,1-dimethylpropyl)- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.548 | 39.33 ug/L | 1248580 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 72 |
| 2 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 64 |
| 3 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 59 |
| 4 | Chrysanthemumic acid 2,4-dimethy... | 286 | C19H26O2 | 000070-38-2 | 59 |
| 5 | Benzene, 1,1'-(1,1,2,2-tetrameth... | 238 | C18H22 | 001889-67-4 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

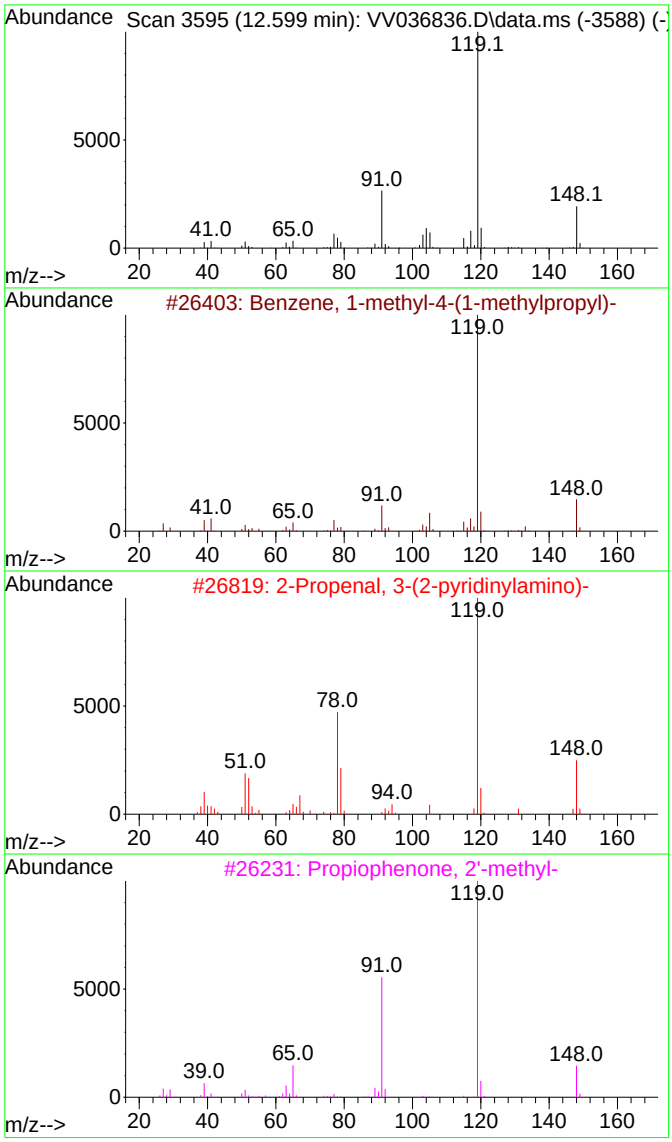
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

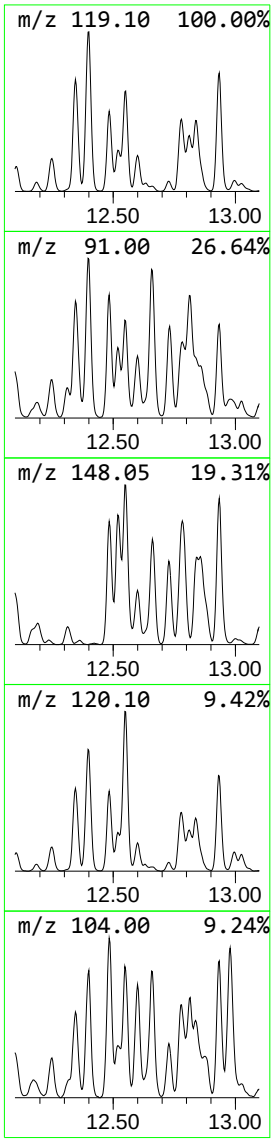
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 2-Propenal, 3-(2-pyridinyla... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.599 | 11.66 ug/L | 370301 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 86 |
| 2 | 2-Propenal, 3-(2-pyridinylamino)- | 148 | C8H8N2O | 068970-82-1 | 64 |
| 3 | Propiophenone, 2'-methyl- | 148 | C10H12O | 002040-14-4 | 59 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 59 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

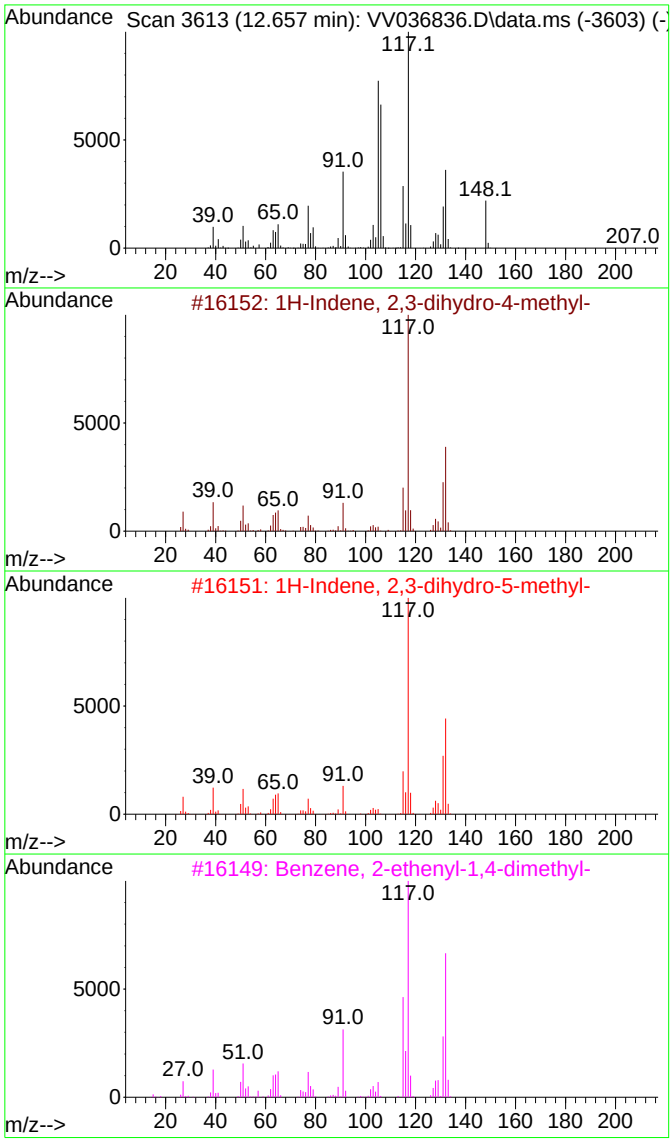
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

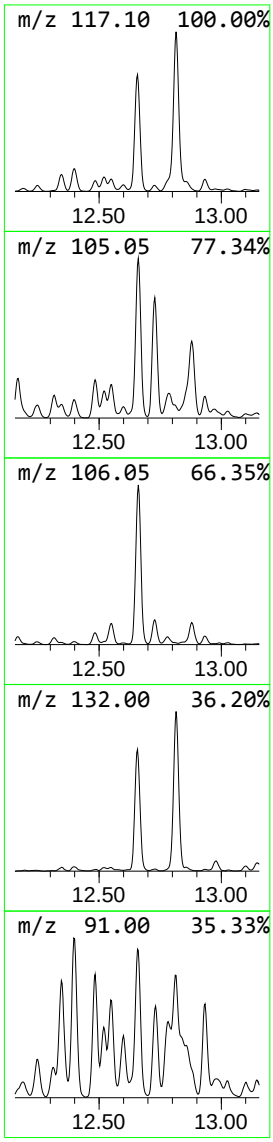
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.657 | 71.27 ug/L | 2262420 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 90 |
| 3 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 86 |
| 4 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 83 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

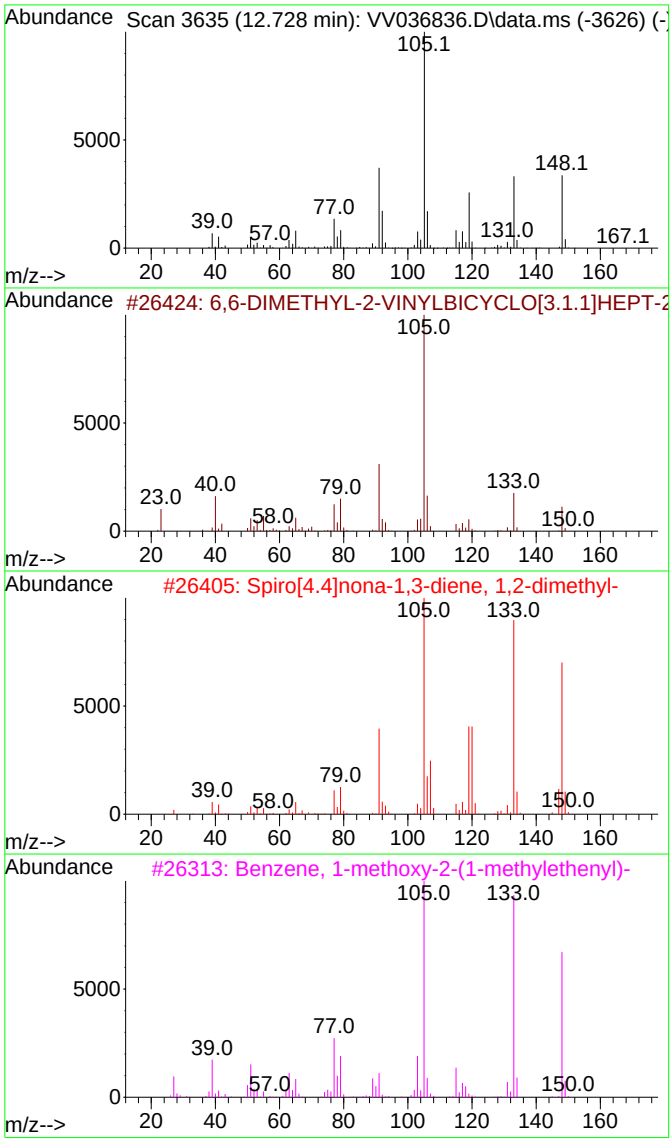
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

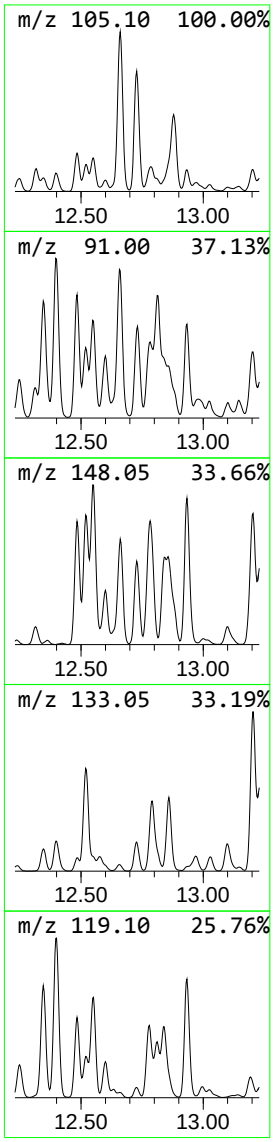
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 6,6-DIMETHYL-2-VINYLBICYCLO... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.728 | 26.69 ug/L | 847361 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6,6-DIMETHYL-2-VINYLBICYCLO[3.1.... | 148 | C11H16 | 000473-00-7 | 74 |
| 2 | Spiro[4.4]nona-1,3-diene, 1,2-di... | 148 | C11H16 | 1000163-57-6 | 59 |
| 3 | Benzene, 1-methoxy-2-(1-methylet... | 148 | C10H12O | 010278-02-1 | 53 |
| 4 | 2-Butanone, 4-phenyl- | 148 | C10H12O | 002550-26-7 | 43 |
| 5 | 3a,6-Methano-3aH-indene, 2,3,4,5... | 134 | C10H14 | 098640-10-9 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

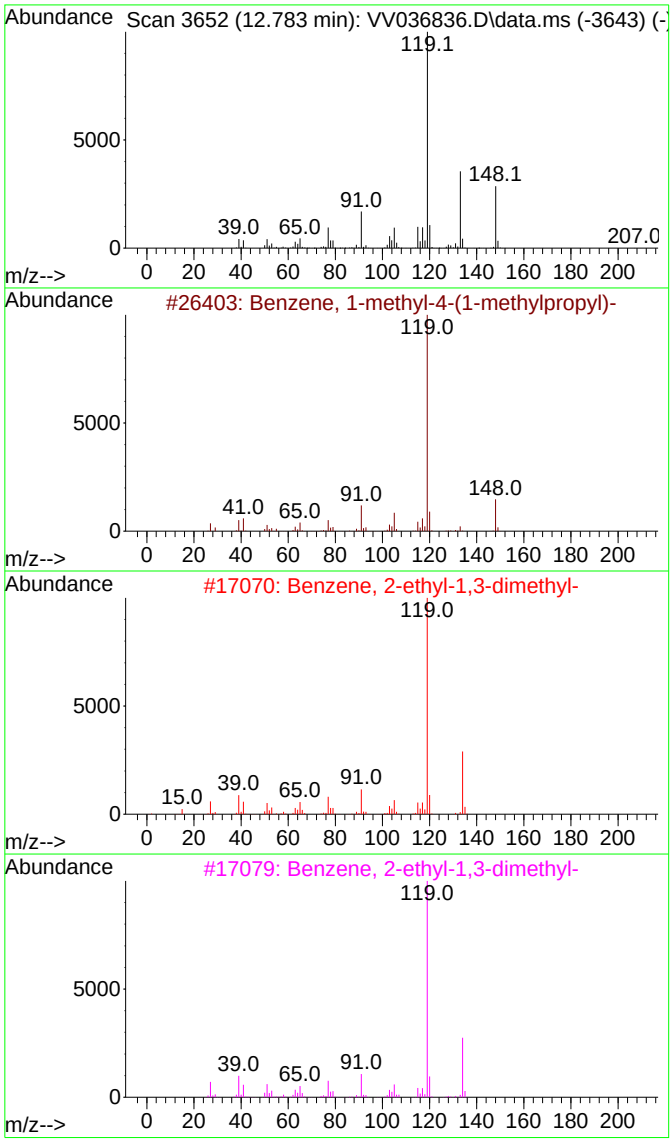
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

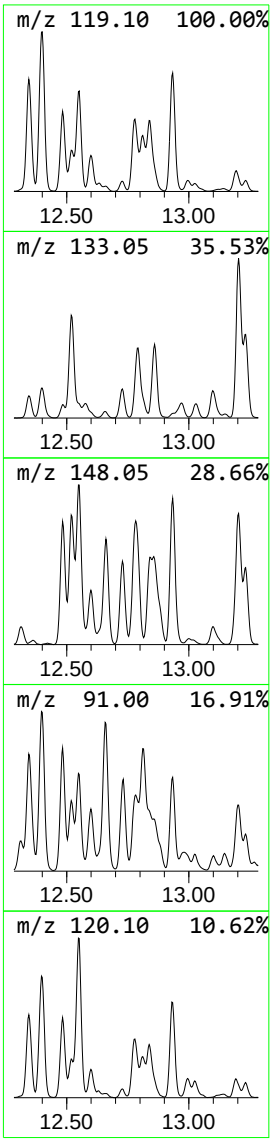
**********

Peak Number 29 p-Cymene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.783 | 34.96 ug/L | 1109700 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 87 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 76 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 76 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 70 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 62 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

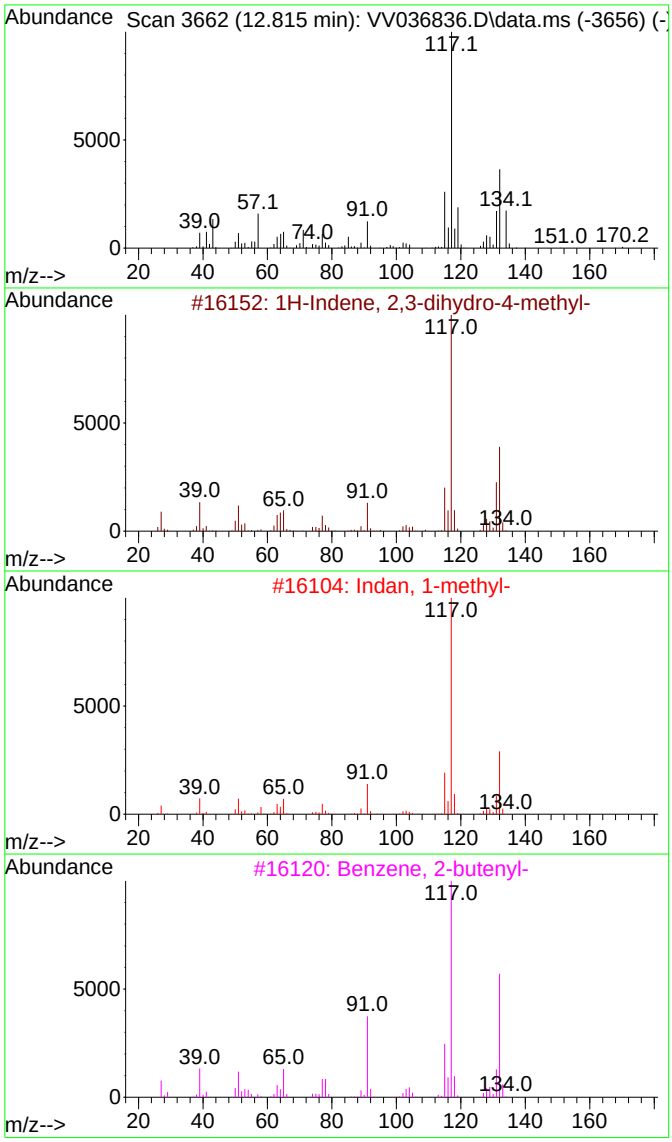
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

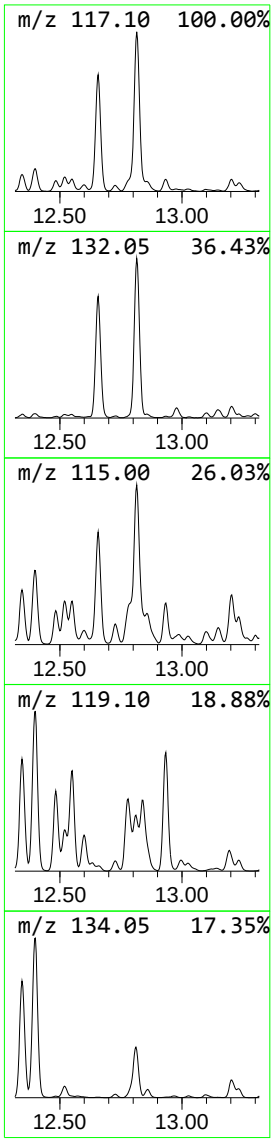
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Benzene, 2-butenyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.815 | 139.25 ug/L | 4420530 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 87 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 87 |
| 3 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 83 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 83 |
| 5 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 80 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

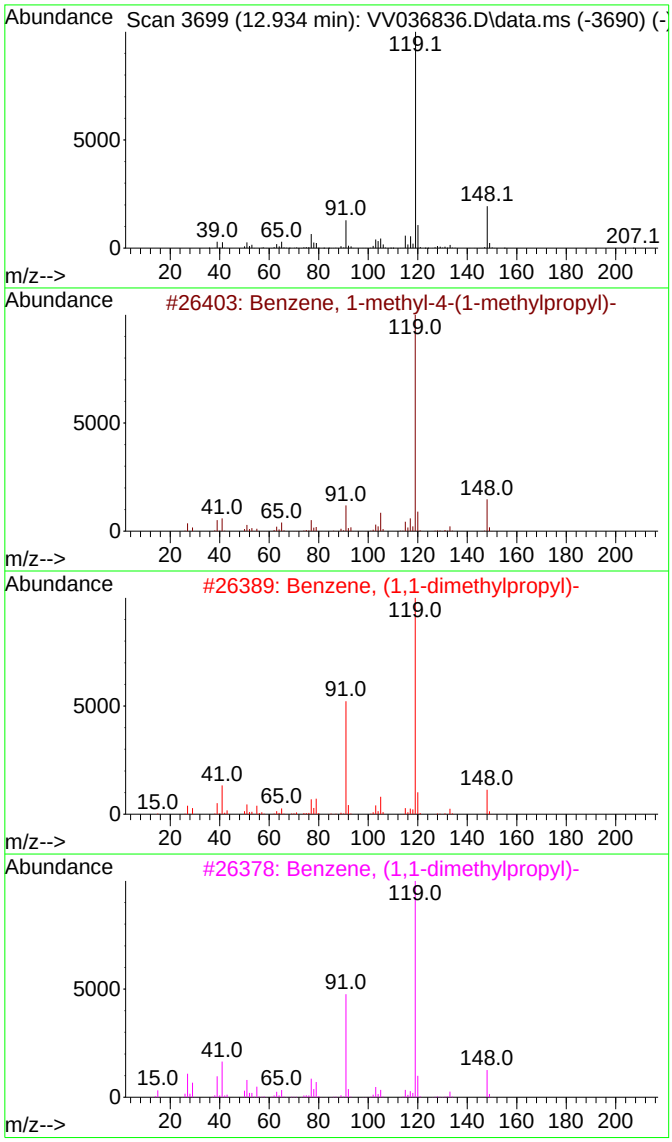
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

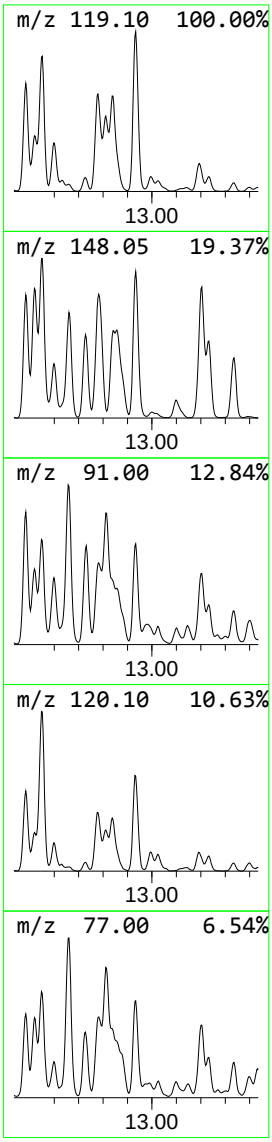
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.934 | 42.39 ug/L | 1345740 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 91 |
| 2 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 78 |
| 3 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 78 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 72 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

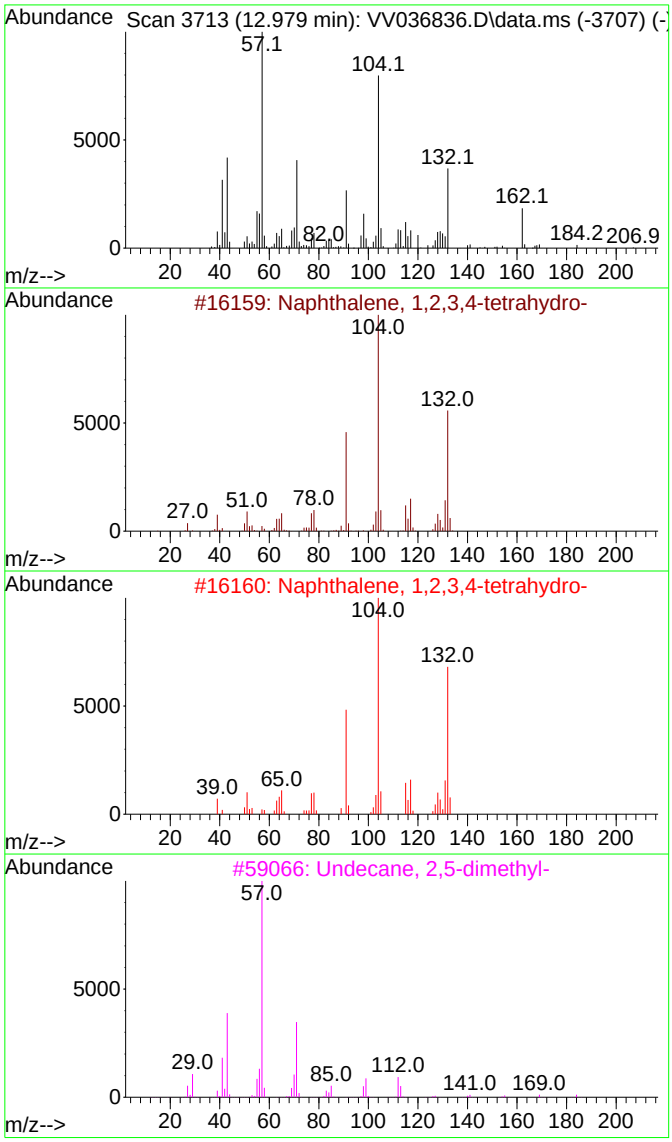
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

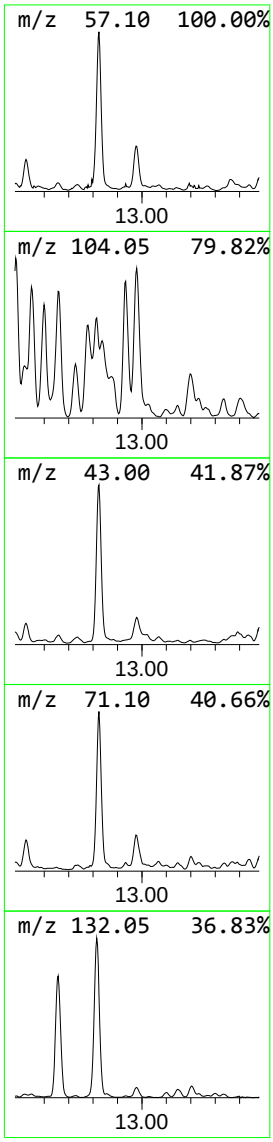
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.979 | 5.89 ug/L | 186950 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 50 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 43 |
| 3 | Undecane, 2,5-dimethyl- | 184 | C13H28 | 017301-22-3 | 38 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 38 |
| 5 | 3-Phenethyl-1,6,7,11b-tetrahydro... | 356 | C19H20N2O3S | 1000481-87-2 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

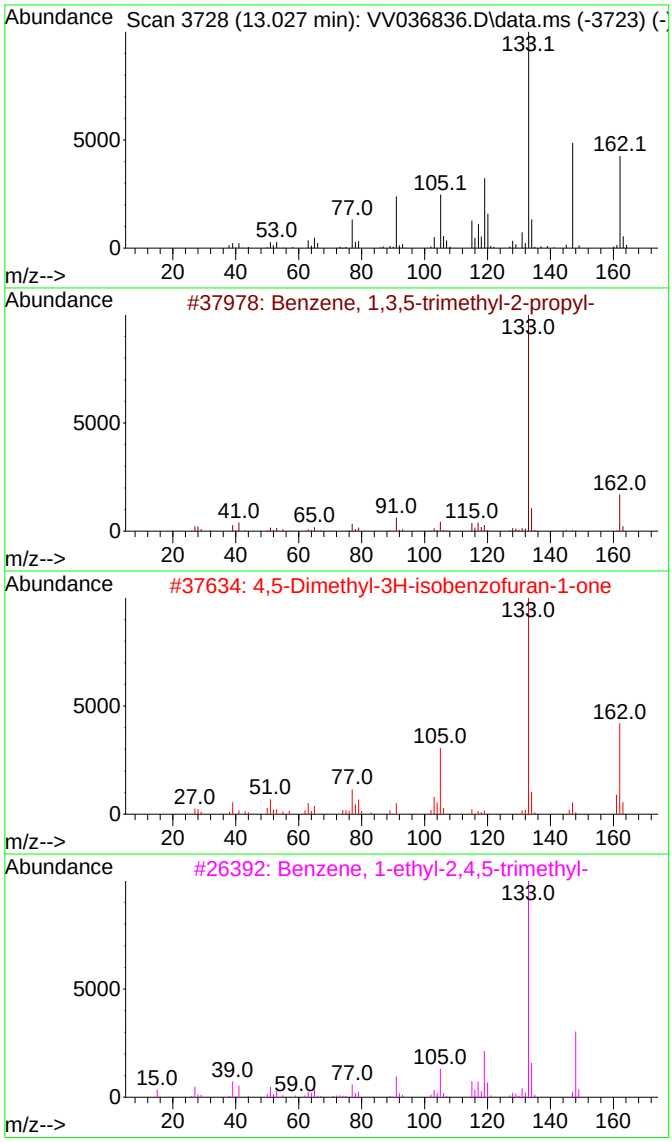
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

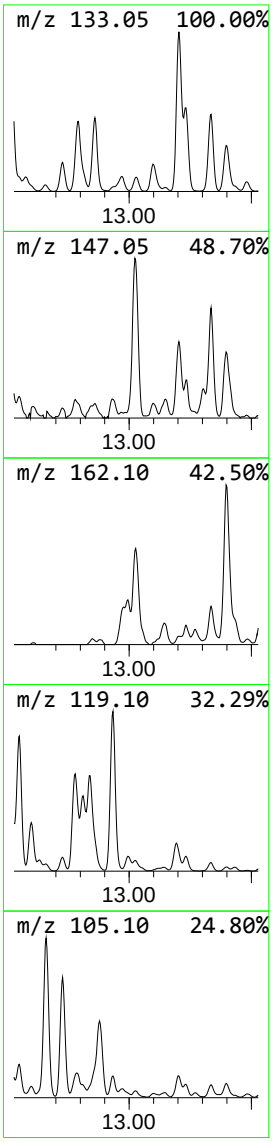
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.027 | 7.47 ug/L | 237295 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trimethyl-2-propyl- | 162 | C12H18 | 004810-04-2 | 70 |
| 2 | 4,5-Dimethyl-3H-isobenzofuran-1-one | 162 | C10H10O2 | 1000188-08-0 | 53 |
| 3 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 50 |
| 4 | 2-methyl-3-azabicyclo[3.2.1]octa... | 162 | C10H14N2 | 1000451-79-1 | 50 |
| 5 | 1-Propanone, 1-(2,4-dimethylphen... | 162 | C11H14O | 035031-55-1 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

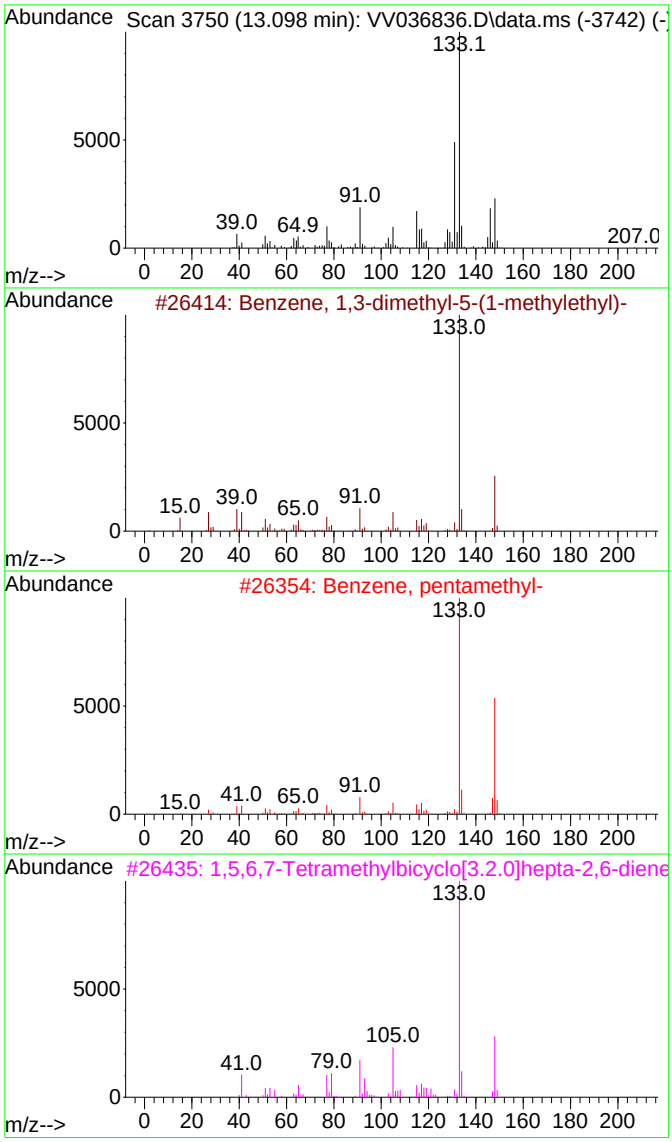
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

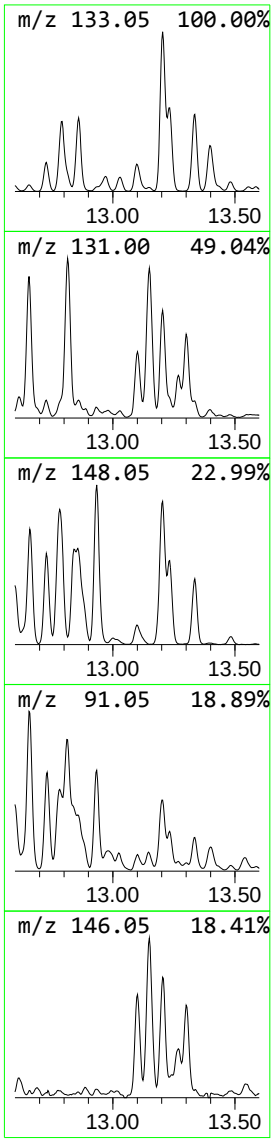
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.098 | 8.50 ug/L | 269934 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 58 |
| 2 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 58 |
| 3 | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16 | 134329-46-7 | 58 |
| 4 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 53 |
| 5 | Benzene, 1,4-dimethyl-2-(1-methy... | 148 | C11H16 | 004132-72-3 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

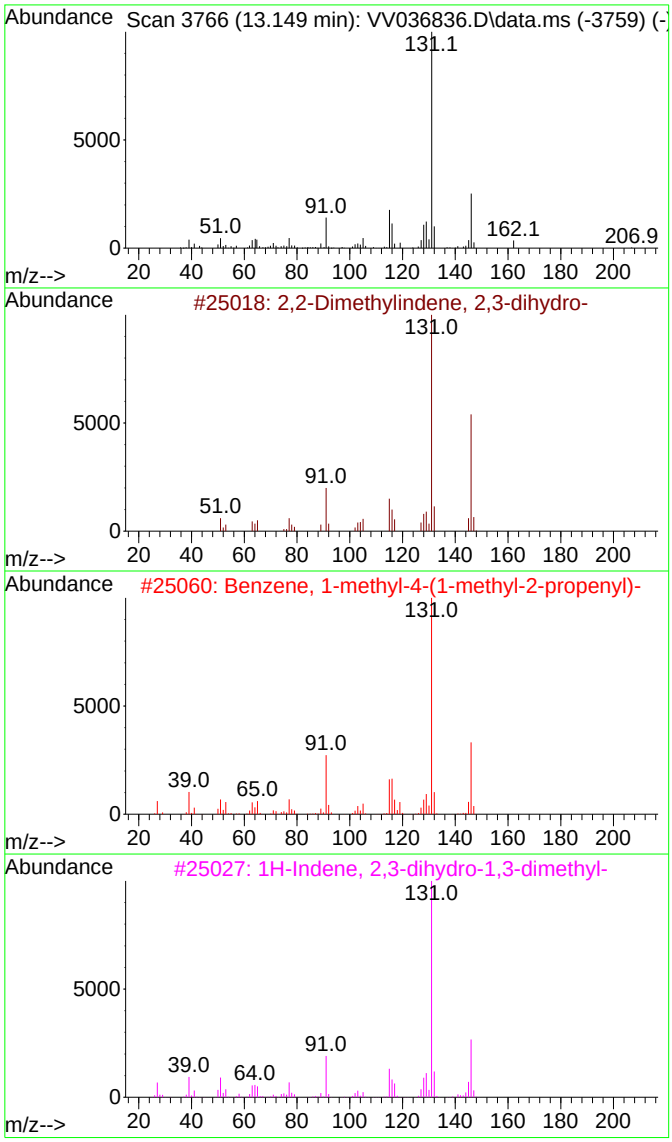
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

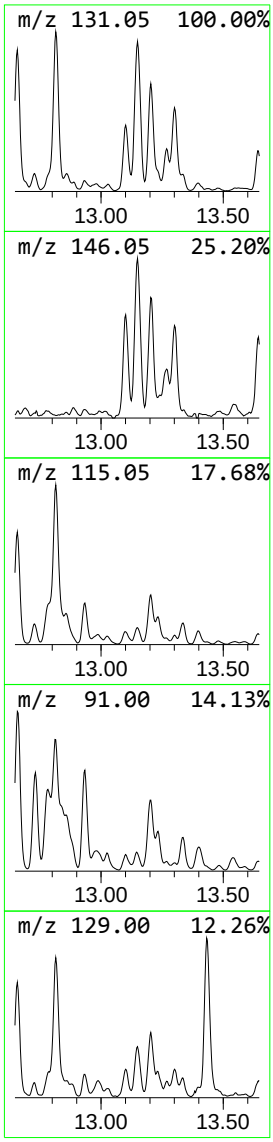
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 2,2-Dimethylindene, 2,3-dih... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.149 | 6.74 ug/L | 213849 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 2 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 90 |
| 4 | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14 | 097664-19-2 | 90 |
| 5 | 1,3-Cyclopentadiene, 5-(trans-2-... | 146 | C11H14 | 079209-36-2 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

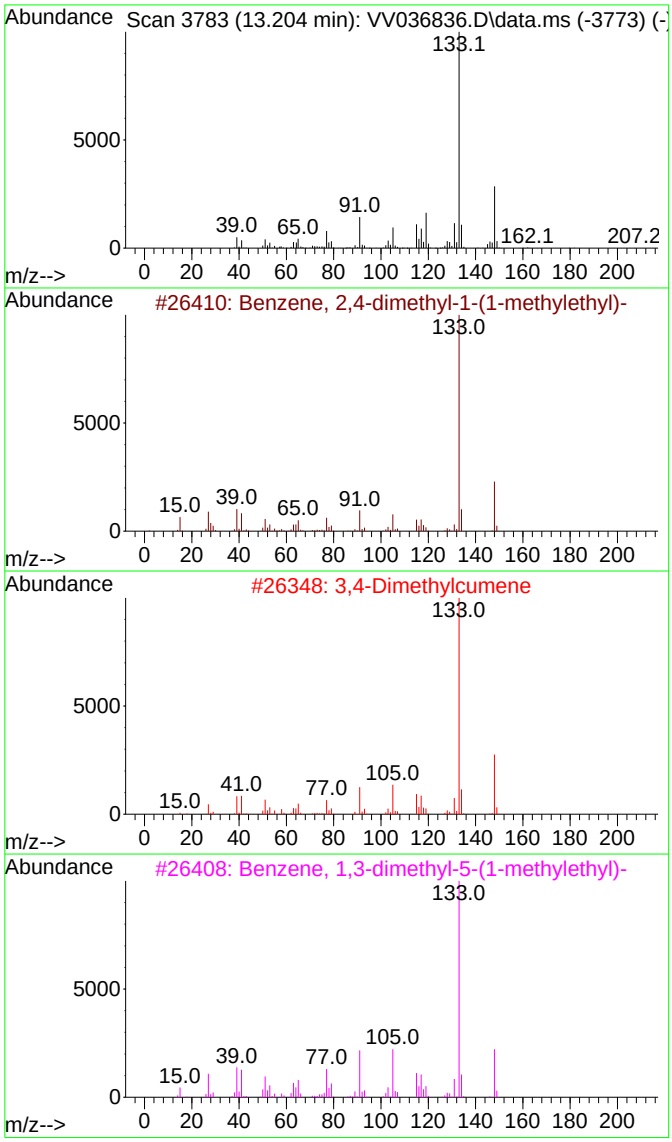
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

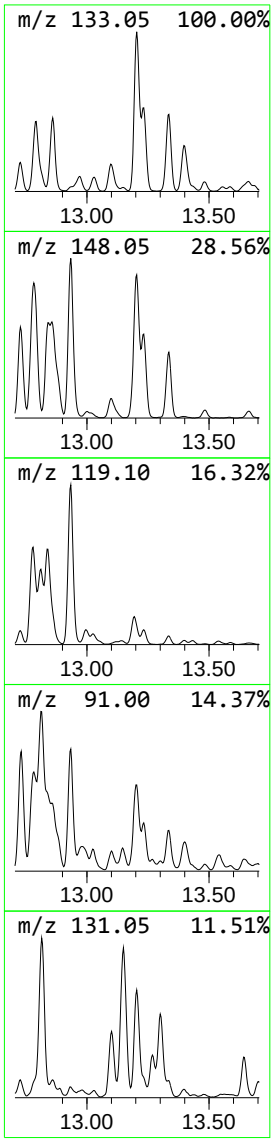
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.204 | 41.00 ug/L | 1301600 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 90 |
| 2 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 87 |
| 3 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 87 |
| 4 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 87 |
| 5 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

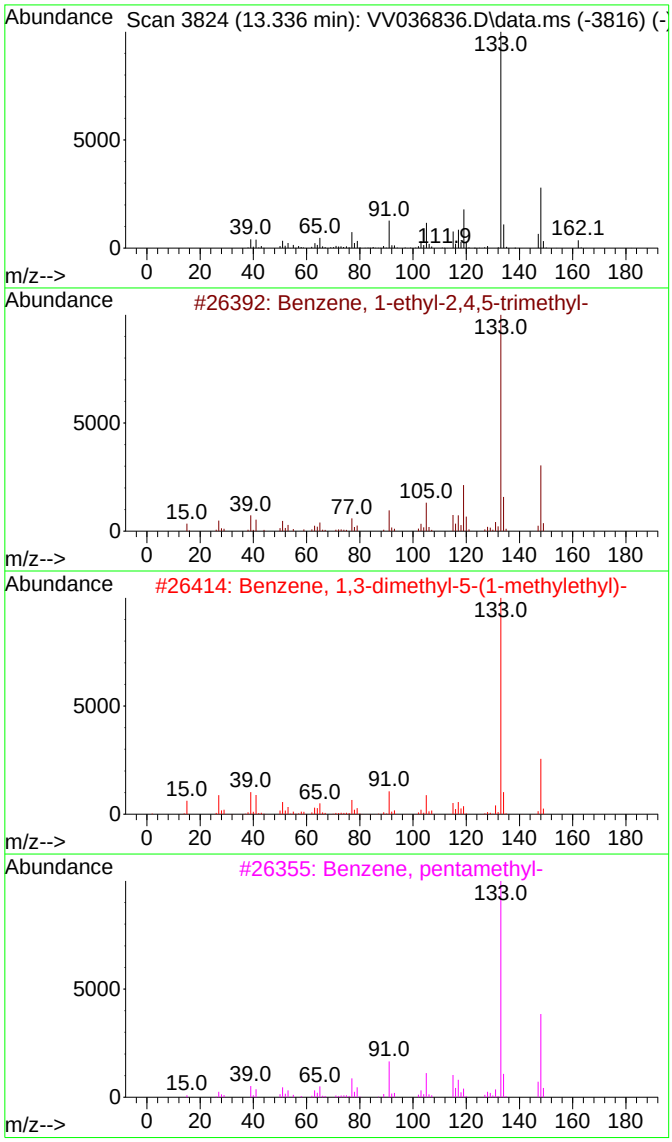
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

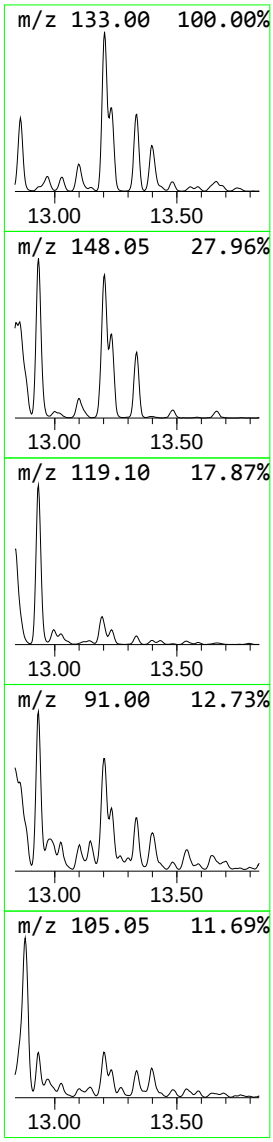
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.336 | 16.35 ug/L | 518901 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 91 |
| 2 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 90 |
| 3 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 90 |
| 4 | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16 | 004920-99-4 | 87 |
| 5 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

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

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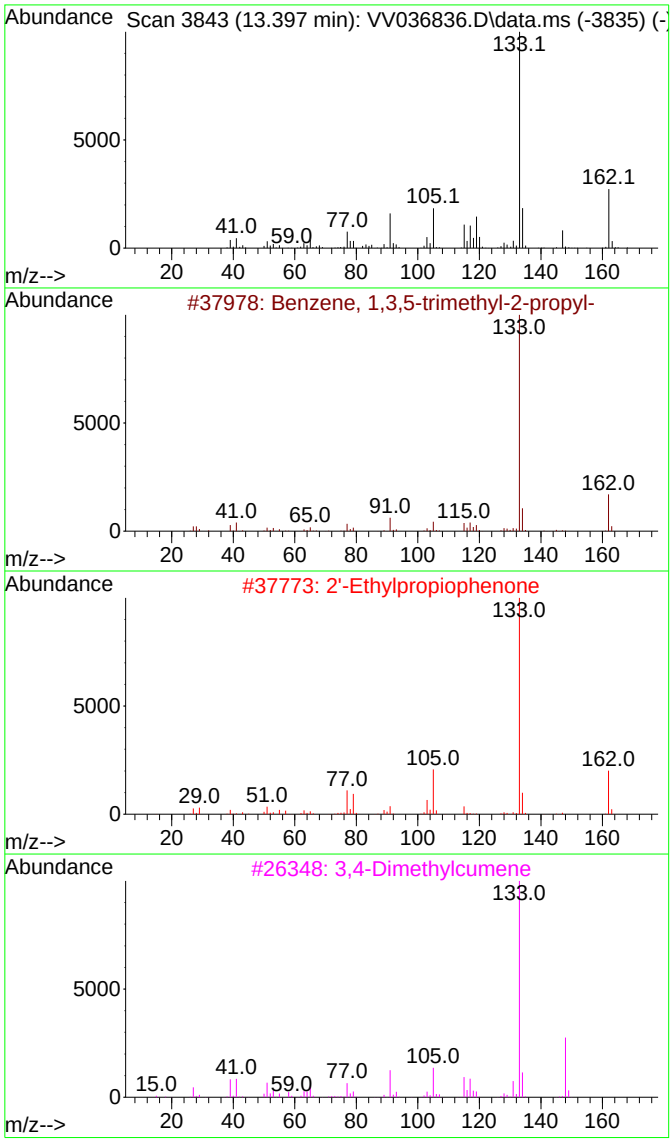
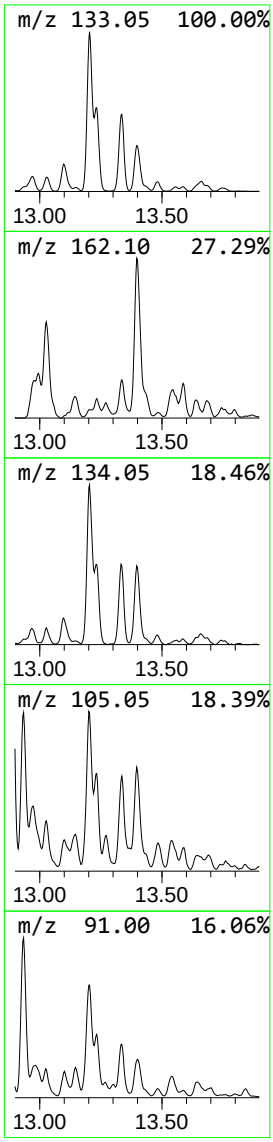
Peak Number 38 2'-Ethylpropiophenone Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.397 | 11.23 ug/L | 356403 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trimethyl-2-propyl- | 162 | C12H18 | 004810-04-2 | 93 |
| 2 | 2'-Ethylpropiophenone | 162 | C11H14O | 016819-79-7 | 59 |
| 3 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 59 |
| 4 | 1-Propanone, 1-(2,4-dimethylphen... | 162 | C11H14O | 035031-55-1 | 58 |
| 5 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

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

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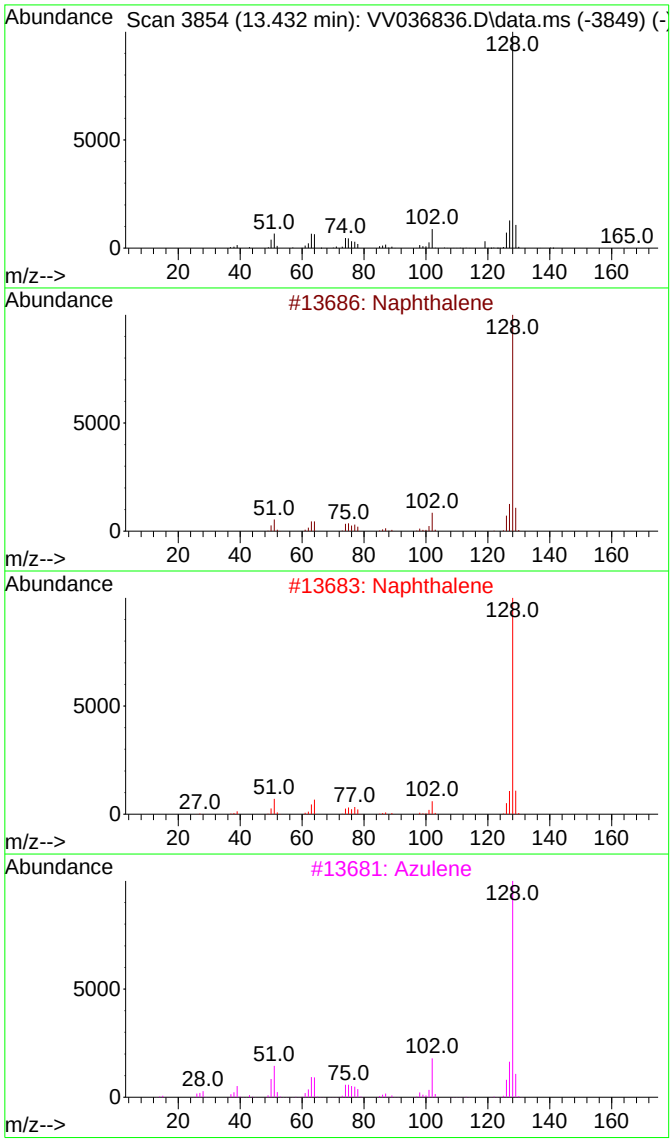
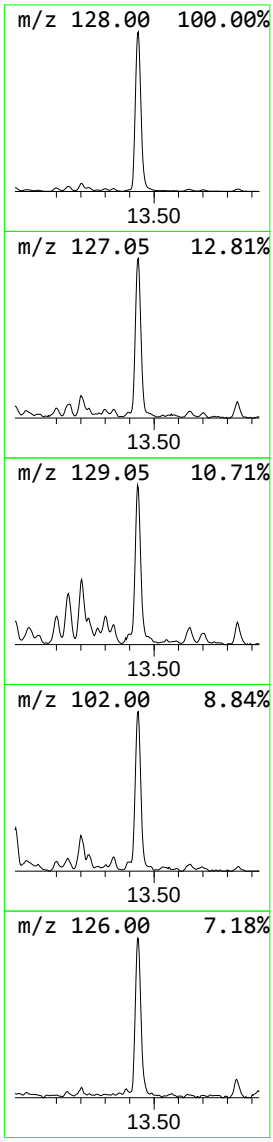
Peak Number 39 Azulene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.432 | 18.49 ug/L | 586857 | 1,4-Dichlorobenzene-d4 | 11.181 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

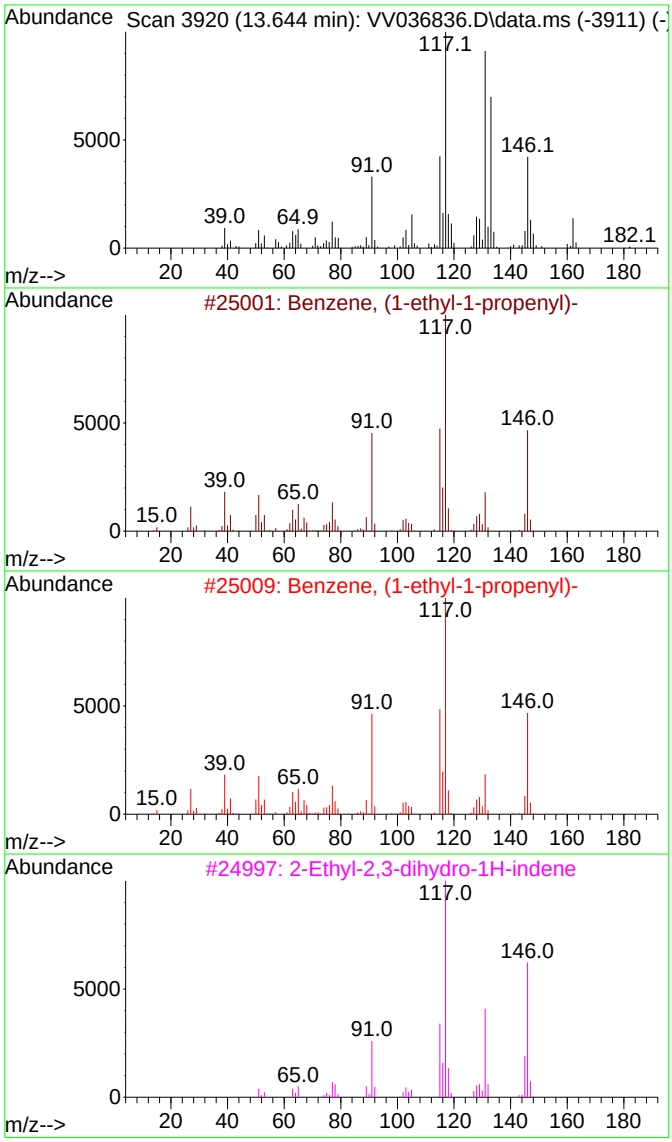
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

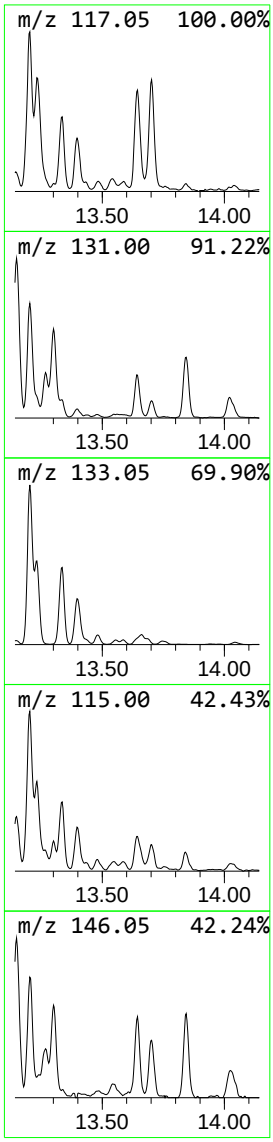
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.644 | 6.50 ug/L | 206273 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 70 |
| 2 | Benzene, (1-ethyl-1-propenyl)- | 146 | C11H14 | 004701-36-4 | 70 |
| 3 | 2-Ethyl-2,3-dihydro-1H-indene | 146 | C11H14 | 056147-63-8 | 62 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 50 |
| 5 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

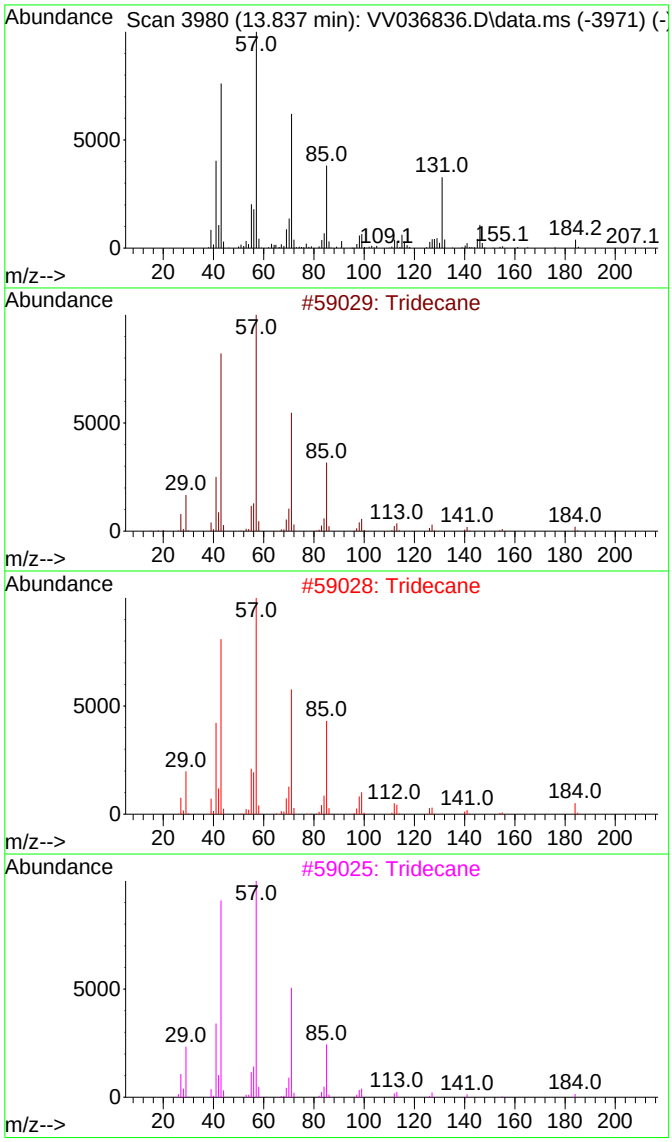
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

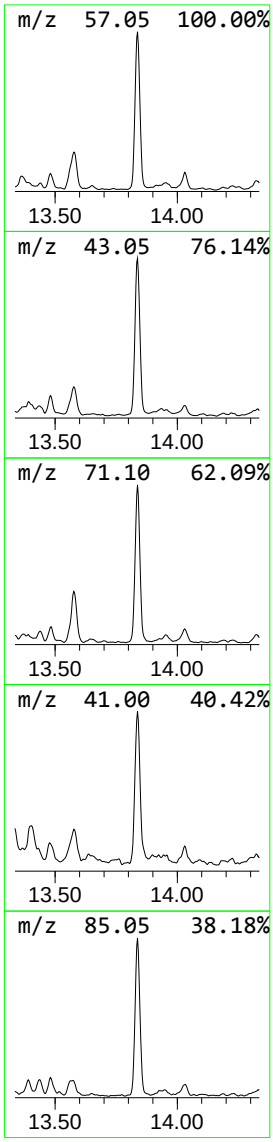
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.837 | 14.74 ug/L | 467867 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 96 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 89 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |
| 4 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 52 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 52 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

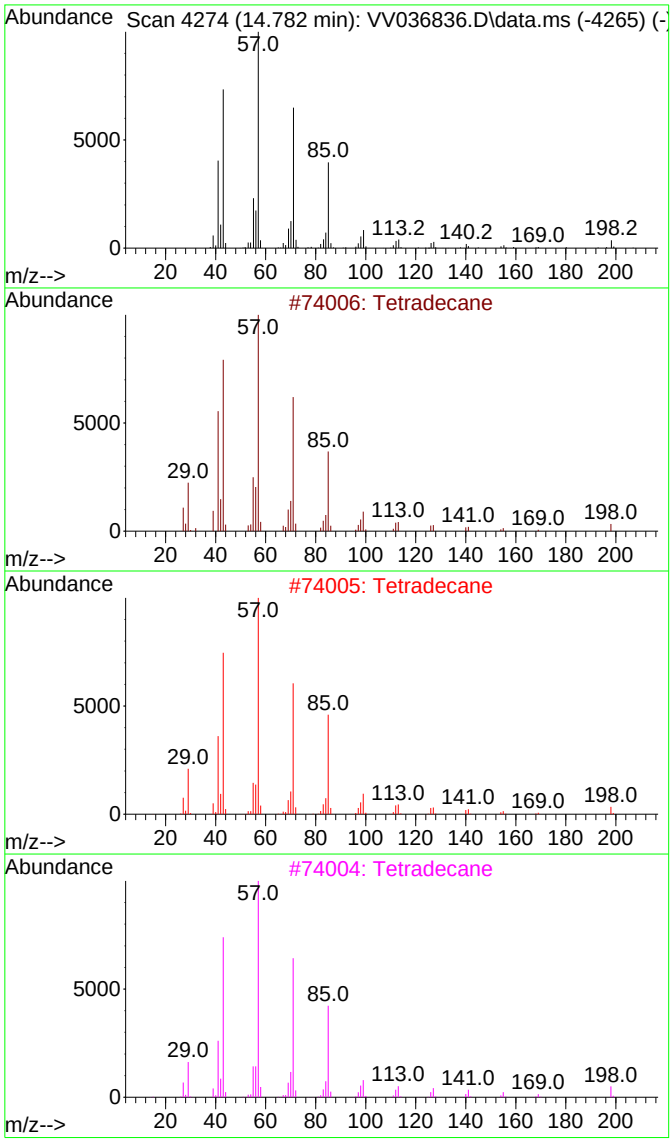
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
Quant Title : VOC Analysis

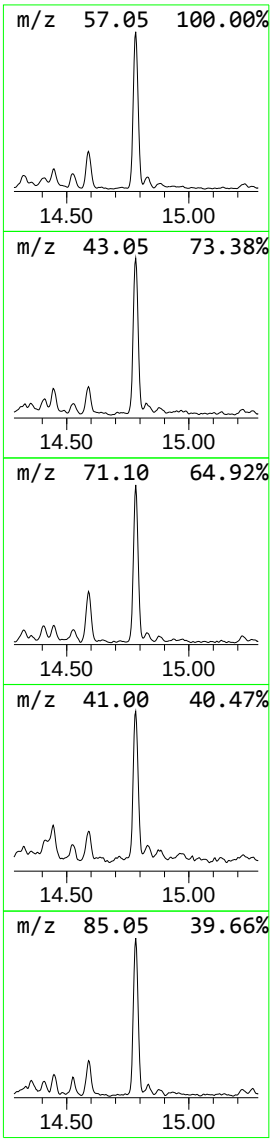
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.783 | 7.48 ug/L | 237406 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 98 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 96 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 94 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
Data File : VV036836.D
Acq On : 07 Aug 2024 14:19
Operator : SY/MD
Sample : P3433-06
Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E05Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.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 |
| Furan, 2-methyl- | 3.407 | 4.5 | ug/L | 110836 | 1 | 5.522 | 1234270 | 50.0 |
| (DEL) Alkane: S... | 9.133 | 7.2 | ug/L | 217249 | 2 | 8.779 | 1515820 | 50.0 |
| (DEL) Alkane: S... | 9.641 | 2.8 | ug/L | 83788 | 2 | 8.779 | 1515820 | 50.0 |
| (DEL) Alkane: C... | 9.728 | 3.6 | ug/L | 110551 | 2 | 8.779 | 1515820 | 50.0 |
| (DEL) Alkane: S... | 10.021 | 3.8 | ug/L | 121741 | 3 | 11.181 | 1587290 | 50.0 |
| (DEL) Alkane: S... | 10.050 | 3.8 | ug/L | 120131 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1,2,3-... | 11.271 | 3.9 | ug/L | 123691 | 3 | 11.181 | 1587290 | 50.0 |
| (DEL) Alkane: S... | 11.310 | 3.9 | ug/L | 123613 | 3 | 11.181 | 1587290 | 50.0 |
| (DEL) Alkane: S... | 11.400 | 3.9 | ug/L | 124611 | 3 | 11.181 | 1587290 | 50.0 |
| (DEL) Alkane: S... | 11.725 | 24.4 | ug/L | 772900 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 4-ethy... | 11.844 | 25.2 | ug/L | 799230 | 3 | 11.181 | 1587290 | 50.0 |
| o-Cymene | 11.873 | 33.5 | ug/L | 1064240 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 2-ethy... | 11.947 | 71.6 | ug/L | 2271680 | 3 | 11.181 | 1587290 | 50.0 |
| Indan, 1-methyl- | 12.053 | 4.8 | ug/L | 151282 | 3 | 11.181 | 1587290 | 50.0 |
| 2-Methylindan-2-ol | 12.091 | 30.3 | ug/L | 963321 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1,3-di... | 12.188 | 12.9 | ug/L | 410092 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1-ethy... | 12.249 | 16.8 | ug/L | 532839 | 3 | 11.181 | 1587290 | 50.0 |
| unknown-01 | 12.310 | 8.4 | ug/L | 265320 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1,2,4,... | 12.345 | 56.0 | ug/L | 1776580 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1,2,3,... | 12.397 | 77.3 | ug/L | 2455690 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1-meth... | 12.483 | 37.4 | ug/L | 1186580 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 2,4-di... | 12.519 | 36.1 | ug/L | 1147130 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, (1,1-d... | 12.548 | 39.3 | ug/L | 1248580 | 3 | 11.181 | 1587290 | 50.0 |
| 2-Propenal, 3-(... | 12.599 | 11.7 | ug/L | 370301 | 3 | 11.181 | 1587290 | 50.0 |
| 1H-Indene, 2,3-... | 12.657 | 71.3 | ug/L | 2262420 | 3 | 11.181 | 1587290 | 50.0 |
| 6,6-DIMETHYL-2-... | 12.728 | 26.7 | ug/L | 847361 | 3 | 11.181 | 1587290 | 50.0 |
| p-Cymene | 12.783 | 35.0 | ug/L | 1109700 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 2-bute... | 12.815 | 139.3 | ug/L | 4420530 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1-ethy... | 12.934 | 42.4 | ug/L | 1345740 | 3 | 11.181 | 1587290 | 50.0 |
| Naphthalene, 1,... | 12.979 | 5.9 | ug/L | 186950 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1,3,5-... | 13.027 | 7.5 | ug/L | 237295 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1,3-di... | 13.098 | 8.5 | ug/L | 269934 | 3 | 11.181 | 1587290 | 50.0 |
| 2,2-Dimethylind... | 13.149 | 6.7 | ug/L | 213849 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 2,4-di... | 13.204 | 41.0 | ug/L | 1301600 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, 1-ethy... | 13.336 | 16.4 | ug/L | 518901 | 3 | 11.181 | 1587290 | 50.0 |
| 2'-Ethylpropiop... | 13.397 | 11.2 | ug/L | 356403 | 3 | 11.181 | 1587290 | 50.0 |
| Azulene | 13.432 | 18.5 | ug/L | 586857 | 3 | 11.181 | 1587290 | 50.0 |
| Benzene, (1-eth... | 13.644 | 6.5 | ug/L | 206273 | 3 | 11.181 | 1587290 | 50.0 |
| (DEL) Alkane: S... | 13.837 | 14.7 | ug/L | 467867 | 3 | 11.181 | 1587290 | 50.0 |
| (DEL) Alkane: S... | 14.783 | 7.5 | ug/L | 237406 | 3 | 11.181 | 1587290 | 50.0 |