LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

Signal : TIC: VU059192.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.595 | 85 | 95 | 110 | rBV | 64717 | 77669 | 0.58% | 0.054% |
| 2 | 1.907 | 183 | 192 | 207 | rBV | 54419 | 75593 | 0.56% | 0.053% |
| 3 | 2.560 | 382 | 395 | 407 | rBV | 89533 | 146750 | 1.09% | 0.103% |
| 4 | 4.611 | 1023 | 1033 | 1063 | rBV | 79971 | 202339 | 1.51% | 0.142% |
| 5 | 5.052 | 1154 | 1170 | 1201 | rBV2 | 115084 | 262297 | 1.95% | 0.184% |
| 6 | 5.717 | 1358 | 1377 | 1406 | rBV2 | 188542 | 539183 | 4.02% | 0.378% |
| 7 | 6.242 | 1525 | 1540 | 1566 | rBV | 197217 | 389563 | 2.90% | 0.273% |
| 8 | 6.685 | 1663 | 1678 | 1690 | rBV2 | 129546 | 265831 | 1.98% | 0.186% |
| 9 | 6.862 | 1723 | 1733 | 1746 | rVB3 | 21469 | 39368 | 0.29% | 0.028% |
| 10 | 7.065 | 1779 | 1796 | 1813 | rVB4 | 28379 | 64903 | 0.48% | 0.046% |
| 11 | 7.232 | 1830 | 1848 | 1865 | rVB6 | 24665 | 59760 | 0.45% | 0.042% |
| 12 | 7.422 | 1898 | 1907 | 1915 | rVV2 | 33264 | 56938 | 0.42% | 0.040% |
| 13 | 7.563 | 1935 | 1951 | 1961 | rVV | 64844 | 135593 | 1.01% | 0.095% |
| 14 | 7.615 | 1962 | 1967 | 1978 | rVV2 | 26302 | 46436 | 0.35% | 0.033% |
| 15 | 7.688 | 1979 | 1990 | 2000 | rVB2 | 44311 | 75240 | 0.56% | 0.053% |
| 16 | 7.762 | 2001 | 2013 | 2024 | rVB6 | 12641 | 29764 | 0.22% | 0.021% |
| 17 | 7.849 | 2024 | 2040 | 2045 | rBV3 | 128154 | 233782 | 1.74% | 0.164% |
| 18 | 7.891 | 2046 | 2053 | 2068 | rVB | 232098 | 421084 | 3.14% | 0.295% |
| 19 | 8.020 | 2081 | 2093 | 2101 | rBV6 | 43907 | 107186 | 0.80% | 0.075% |
| 20 | 8.090 | 2109 | 2115 | 2127 | rVB4 | 48868 | 86446 | 0.64% | 0.061% |
| 21 | 8.174 | 2129 | 2141 | 2150 | rBV3 | 50925 | 90084 | 0.67% | 0.063% |
| 22 | 8.235 | 2150 | 2160 | 2176 | rVB4 | 136295 | 269596 | 2.01% | 0.189% |
| 23 | 8.364 | 2179 | 2200 | 2210 | rBV2 | 75510 | 150761 | 1.12% | 0.106% |
| 24 | 8.438 | 2210 | 2223 | 2225 | rBV8 | 17127 | 34034 | 0.25% | 0.024% |
| 25 | 8.467 | 2226 | 2232 | 2242 | rVB3 | 43493 | 74477 | 0.55% | 0.052% |
| 26 | 8.531 | 2242 | 2252 | 2266 | rVB2 | 89056 | 148202 | 1.10% | 0.104% |
| 27 | 8.627 | 2266 | 2282 | 2297 | rBV2 | 423496 | 825837 | 6.15% | 0.579% |
| 28 | 8.753 | 2310 | 2321 | 2328 | rBV | 170900 | 303970 | 2.26% | 0.213% |
| 29 | 8.795 | 2329 | 2334 | 2345 | rVV5 | 112922 | 215566 | 1.61% | 0.151% |
| 30 | 8.859 | 2347 | 2354 | 2363 | rVB | 188269 | 298486 | 2.22% | 0.209% |
| 31 | 8.920 | 2363 | 2373 | 2382 | rBV | 320961 | 575839 | 4.29% | 0.404% |
| 32 | 9.065 | 2408 | 2418 | 2425 | rBV2 | 87107 | 148953 | 1.11% | 0.104% |
| 33 | 9.113 | 2425 | 2433 | 2440 | rVV | 188362 | 295397 | 2.20% | 0.207% |
| 34 | 9.161 | 2440 | 2448 | 2461 | rVB4 | 287629 | 534896 | 3.98% | 0.375% |
| 35 | 9.325 | 2479 | 2499 | 2516 | rBV4 | 133727 | 324944 | 2.42% | 0.228% |
| 36 | 9.412 | 2517 | 2526 | 2538 | rBV | 254017 | 421899 | 3.14% | 0.296% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BHHT2

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.470 | 2539 | 2544 | 2549 | rVV3 | 28256 | 32893 | 0.24% | 0.023% |
| 38 | 9.505 | 2550 | 2555 | 2561 | rVB | 42386 | 51230 | 0.38% | 0.036% |
| 39 | 9.557 | 2562 | 2571 | 2585 | rVB4 | 117444 | 229756 | 1.71% | 0.161% |
| 40 | 9.659 | 2586 | 2603 | 2611 | rBV6 | 226393 | 592844 | 4.42% | 0.416% |
| 41 | 9.711 | 2611 | 2619 | 2626 | rVV3 | 306596 | 453462 | 3.38% | 0.318% |
| 42 | 9.756 | 2626 | 2633 | 2657 | rVB3 | 243816 | 577437 | 4.30% | 0.405% |
| 43 | 9.872 | 2658 | 2669 | 2682 | rBV6 | 105967 | 242471 | 1.81% | 0.170% |
| 44 | 9.946 | 2683 | 2692 | 2702 | rBV7 | 45354 | 99135 | 0.74% | 0.070% |
| 45 | 10.020 | 2702 | 2715 | 2727 | rBV7 | 451361 | 1176040 | 8.76% | 0.825% |
| 46 | 10.116 | 2737 | 2745 | 2755 | rBV4 | 203173 | 396656 | 2.95% | 0.278% |
| 47 | 10.245 | 2768 | 2785 | 2799 | rBV4 | 1192694 | 2576215 | 19.19% | 1.806% |
| 48 | 10.351 | 2809 | 2818 | 2825 | rBV3 | 799304 | 1429322 | 10.65% | 1.002% |
| 49 | 10.389 | 2826 | 2830 | 2841 | rVB2 | 659473 | 963099 | 7.17% | 0.675% |
| 50 | 10.463 | 2843 | 2853 | 2864 | rVB6 | 199471 | 424448 | 3.16% | 0.298% |
| 51 | 10.550 | 2865 | 2880 | 2893 | rBV5 | 521863 | 1271357 | 9.47% | 0.891% |
| 52 | 10.692 | 2916 | 2924 | 2929 | rBV2 | 197141 | 327227 | 2.44% | 0.229% |
| 53 | 10.753 | 2937 | 2943 | 2949 | rBV | 167952 | 276441 | 2.06% | 0.194% |
| 54 | 10.804 | 2951 | 2959 | 2976 | rVB4 | 817365 | 1546206 | 11.52% | 1.084% |
| 55 | 10.901 | 2984 | 2989 | 2993 | rBV | 83136 | 100506 | 0.75% | 0.070% |
| 56 | 10.946 | 2995 | 3003 | 3015 | rVV4 | 354746 | 752086 | 5.60% | 0.527% |
| 57 | 11.010 | 3016 | 3023 | 3029 | rVV5 | 392690 | 693798 | 5.17% | 0.486% |
| 58 | 11.058 | 3030 | 3038 | 3048 | rVV2 | 1053745 | 1909794 | 14.22% | 1.339% |
| 59 | 11.122 | 3050 | 3058 | 3069 | rVB8 | 671092 | 1382115 | 10.29% | 0.969% |
| 60 | 11.183 | 3070 | 3077 | 3087 | rVB7 | 184321 | 336392 | 2.51% | 0.236% |
| 61 | 11.238 | 3088 | 3094 | 3100 | rBV5 | 191561 | 288223 | 2.15% | 0.202% |
| 62 | 11.306 | 3101 | 3115 | 3127 | rVB7 | 667107 | 1395866 | 10.40% | 0.979% |
| 63 | 11.373 | 3129 | 3136 | 3143 | rBV7 | 225193 | 339769 | 2.53% | 0.238% |
| 64 | 11.457 | 3155 | 3162 | 3166 | rBV4 | 377379 | 608899 | 4.54% | 0.427% |
| 65 | 11.569 | 3188 | 3197 | 3202 | rBV2 | 576066 | 955330 | 7.12% | 0.670% |
| 66 | 11.637 | 3211 | 3218 | 3229 | rVB4 | 1395045 | 2321967 | 17.29% | 1.628% |
| 67 | 11.708 | 3231 | 3240 | 3247 | rBV | 1393320 | 2153900 | 16.04% | 1.510% |
| 68 | 11.817 | 3266 | 3274 | 3286 | rVB6 | 481488 | 988301 | 7.36% | 0.693% |
| 69 | 12.093 | 3349 | 3360 | 3372 | rBV7 | 914304 | 2033025 | 15.14% | 1.425% |
| 70 | 12.180 | 3378 | 3387 | 3403 | rBV8 | 1796211 | 4195527 | 31.25% | 2.942% |
| 71 | 12.380 | 3443 | 3449 | 3463 | rVB5 | 1164372 | 2750735 | 20.49% | 1.929% |
| 72 | 12.833 | 3582 | 3590 | 3605 | rVB7 | 2449938 | 5189916 | 38.65% | 3.639% |
| 73 | 12.923 | 3606 | 3618 | 3625 | rBV3 | 2720612 | 5225660 | 38.92% | 3.664% |
| 74 | 13.048 | 3651 | 3657 | 3665 | rBV2 | 1584078 | 2199066 | 16.38% | 1.542% |
| 75 | 13.100 | 3667 | 3673 | 3691 | rVB3 | 1189229 | 2439346 | 18.17% | 1.710% |
| 76 | 13.193 | 3696 | 3702 | 3707 | rBV4 | 675868 | 1064988 | 7.93% | 0.747% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.351 | 3745 | 3751 | 3762 | rBV7 | 915887 | 1398504 | 10.42% | 0.981% |
| 78 | 13.454 | 3773 | 3783 | 3798 | rVB10 | 3167128 | 7699046 | 57.34% | 5.398% |
| 79 | 13.527 | 3801 | 3806 | 3811 | rBV3 | 715349 | 869145 | 6.47% | 0.609% |
| 80 | 13.730 | 3861 | 3869 | 3877 | rBV6 | 1690537 | 3111480 | 23.17% | 2.182% |
| 81 | 13.833 | 3896 | 3901 | 3909 | rVB3 | 1515819 | 1993012 | 14.84% | 1.397% |
| 82 | 13.997 | 3947 | 3952 | 3958 | rVB3 | 1632618 | 1943365 | 14.47% | 1.363% |
| 83 | 14.045 | 3959 | 3967 | 3980 | rVB4 | 2928862 | 6153686 | 45.83% | 4.315% |
| 84 | 14.119 | 3982 | 3990 | 3999 | rBV7 | 2671269 | 4966040 | 36.99% | 3.482% |
| 85 | 14.190 | 4004 | 4012 | 4025 | rVB2 | 8649296 | 13426408 | 100.00% | 9.414% |
| 86 | 14.569 | 4125 | 4130 | 4136 | rBV2 | 1328285 | 1591626 | 11.85% | 1.116% |
| 87 | 14.666 | 4153 | 4160 | 4171 | rVB5 | 3265451 | 5853761 | 43.60% | 4.104% |
| 88 | 14.875 | 4220 | 4225 | 4234 | rVB2 | 2988138 | 4430191 | 33.00% | 3.106% |
| 89 | 15.013 | 4261 | 4268 | 4281 | rBV4 | 2630592 | 5139223 | 38.28% | 3.603% |
| 90 | 15.199 | 4317 | 4326 | 4339 | rBV3 | 5046390 | 9943795 | 74.06% | 6.972% |
| 91 | 15.270 | 4342 | 4348 | 4358 | rVB3 | 2790088 | 4489979 | 33.44% | 3.148% |
| 92 | 15.344 | 4365 | 4371 | 4377 | rBV4 | 959241 | 1408397 | 10.49% | 0.988% |
| 93 | 15.408 | 4386 | 4391 | 4401 | rVB2 | 1452001 | 2161932 | 16.10% | 1.516% |
| 94 | 16.145 | 4613 | 4620 | 4625 | rBV3 | 450087 | 694134 | 5.17% | 0.487% |
| 95 | 16.183 | 4627 | 4632 | 4642 | rVB3 | 657155 | 1055163 | 7.86% | 0.740% |
| 96 | 16.257 | 4648 | 4655 | 4683 | rVB2 | 679271 | 1537215 | 11.45% | 1.078% |
| 97 | 16.402 | 4692 | 4700 | 4707 | rBV | 901296 | 1403020 | 10.45% | 0.984% |
| 98 | 16.441 | 4708 | 4712 | 4729 | rVB2 | 576294 | 970900 | 7.23% | 0.681% |
| 99 | 16.778 | 4812 | 4817 | 4839 | rVB3 | 141597 | 305657 | 2.28% | 0.214% |
| 100 | 17.537 | 5047 | 5053 | 5066 | rVB3 | 29502 | 53510 | 0.40% | 0.038% |

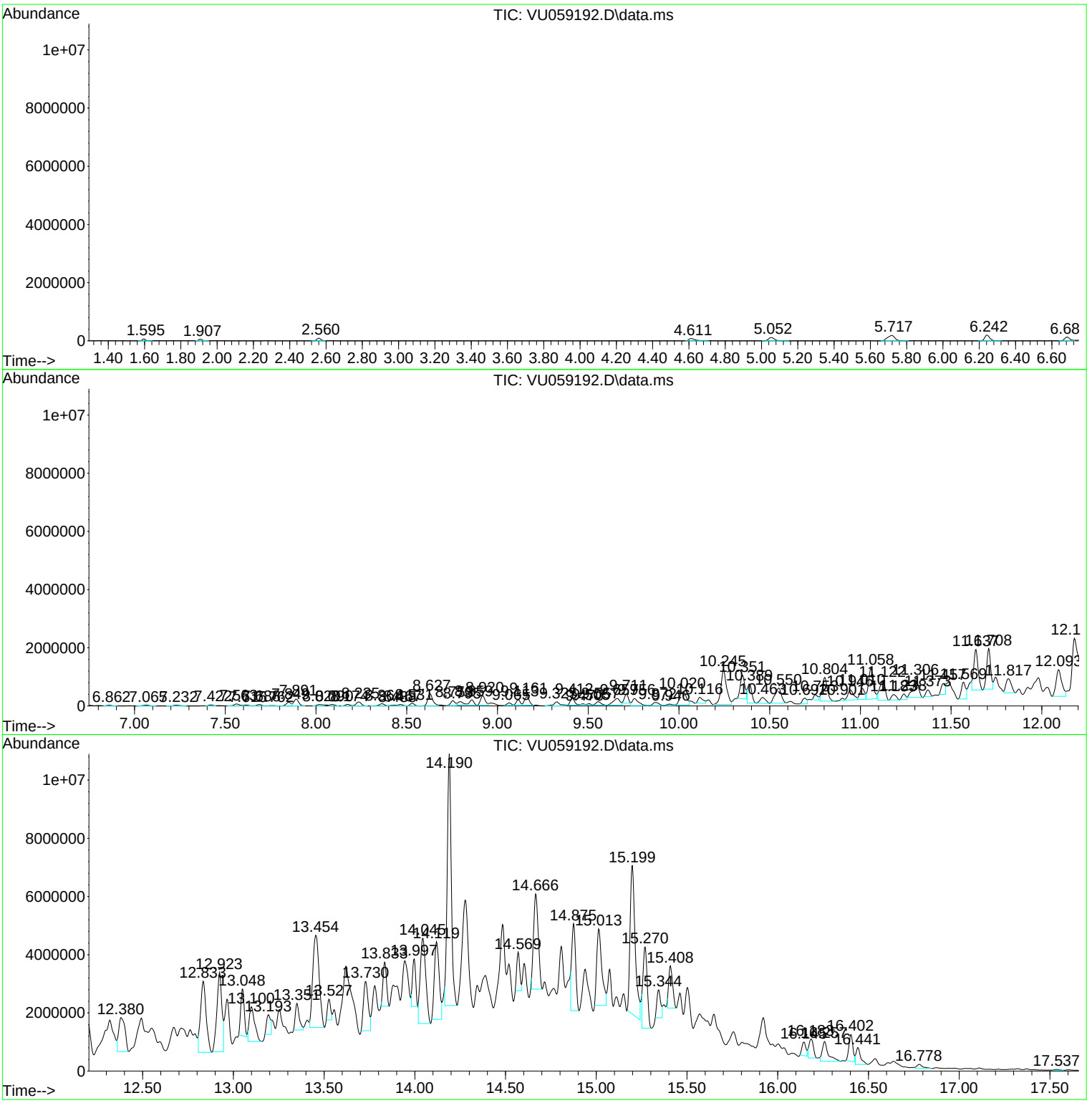
Sum of corrected areas: 142619303

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

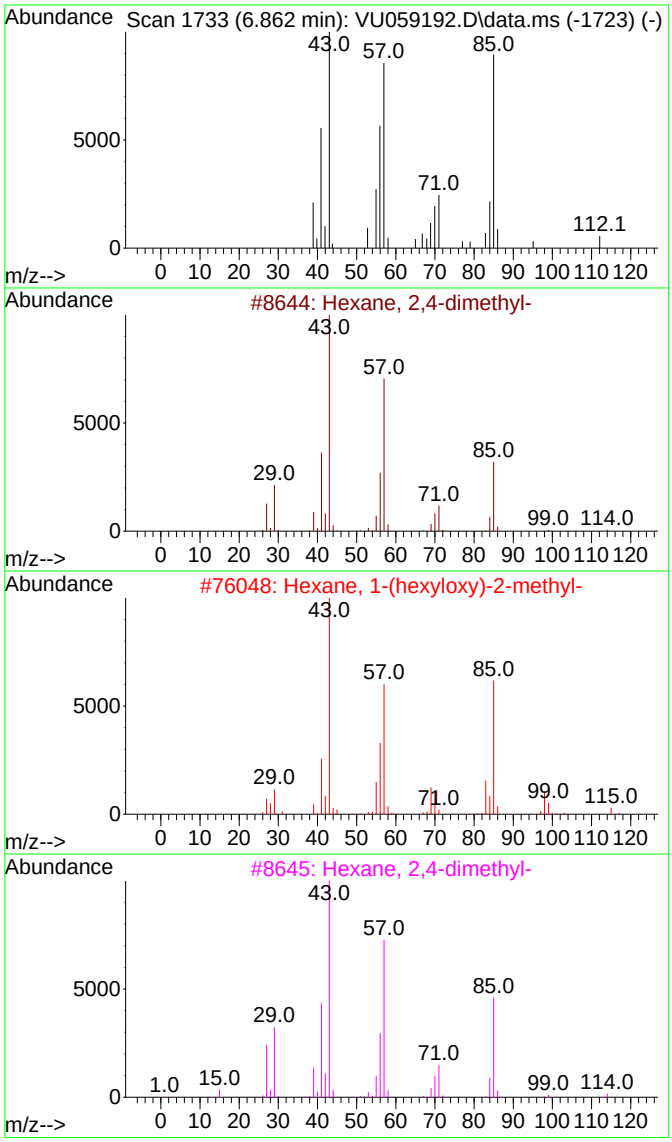
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

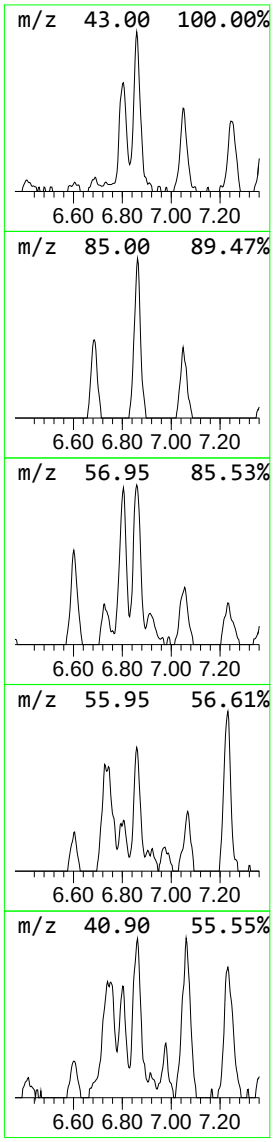
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 79

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.862 | 5.05 ug/L | 39368 | 1,4-Difluorobenzene | 6.242 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 72 |
| 2 | Hexane, 1-(hexyloxy)-2-methyl- | 200 | C13H28O | 074421-17-3 | 59 |
| 3 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 56 |
| 4 | Heptane, 4,4-dimethyl- | 128 | C9H20 | 001068-19-5 | 53 |
| 5 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

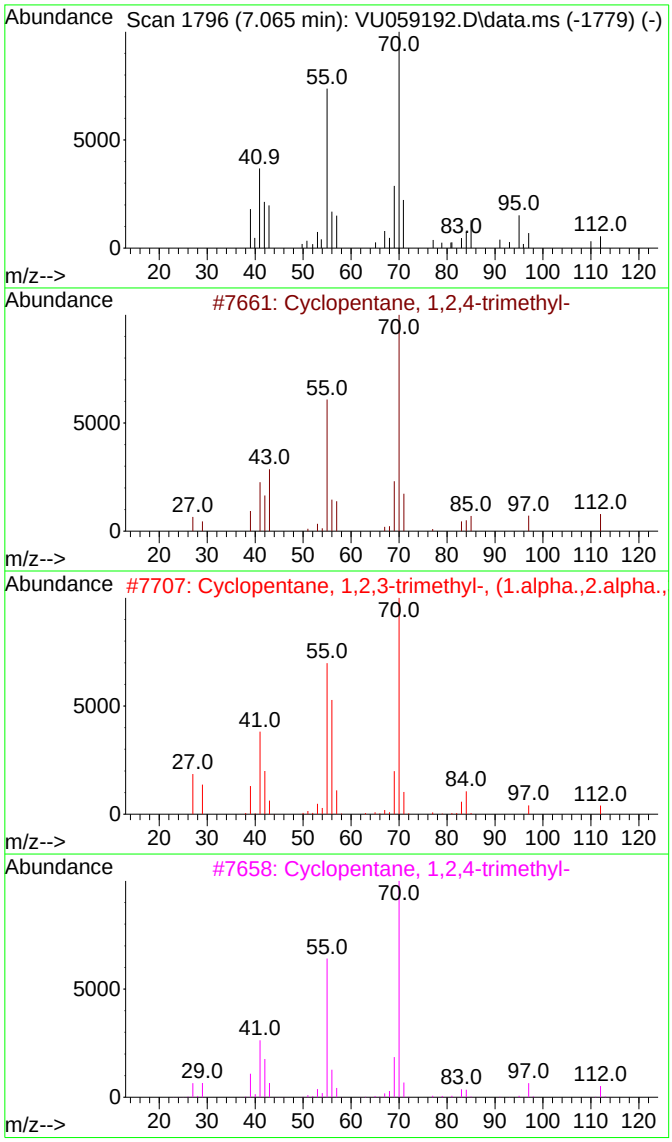
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

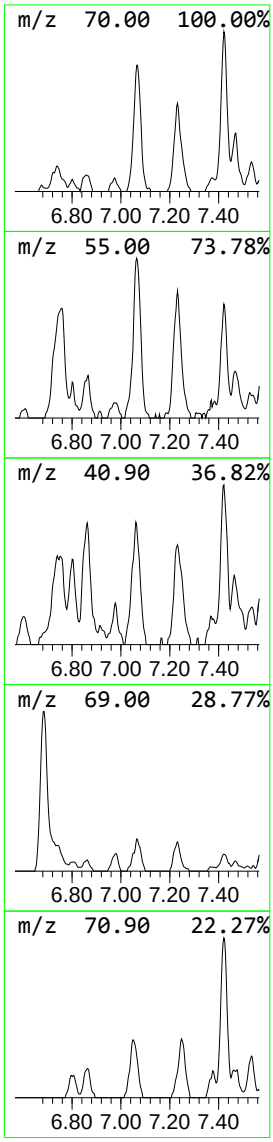
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Cyclic7.065 Concentration Rank 73

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.065 | 8.33 ug/L | 64903 | 1,4-Difluorobenzene | 6.242 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2,4-trimethyl- | 112 | C8H16 | 002815-58-9 | 91 |
| 2 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 74 |
| 3 | Cyclopentane, 1,2,4-trimethyl- | 112 | C8H16 | 002815-58-9 | 68 |
| 4 | Undecane, 3-methylene- | 168 | C12H24 | 071138-64-2 | 64 |
| 5 | Cyclopentane, 1,2,4-trimethyl-, ... | 112 | C8H16 | 004850-28-6 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

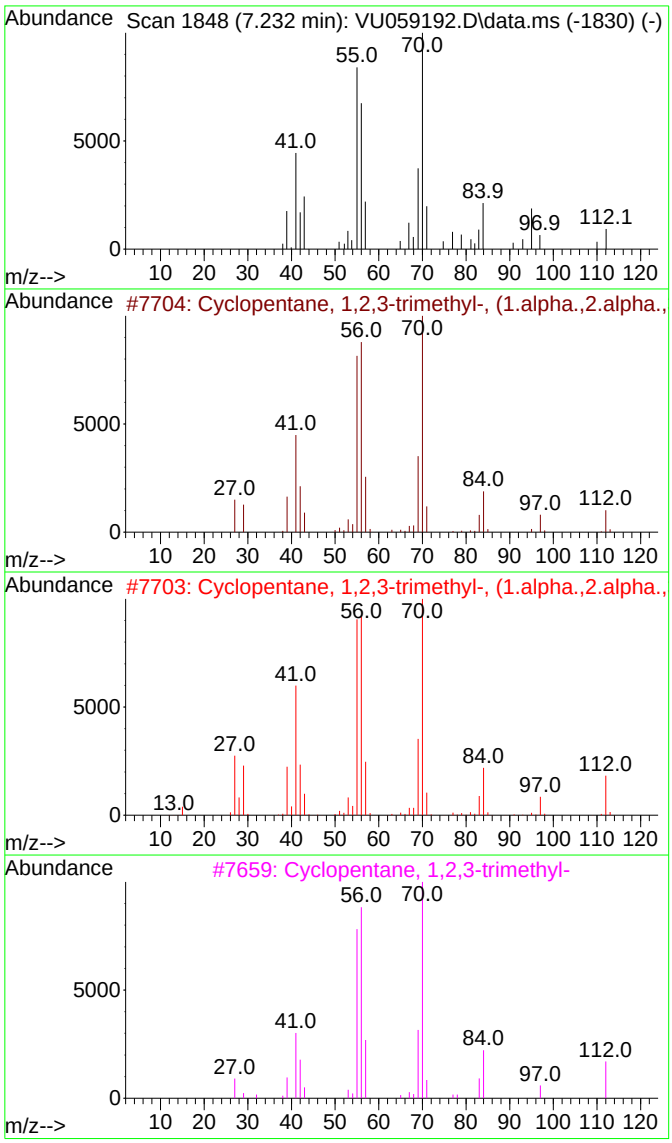
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

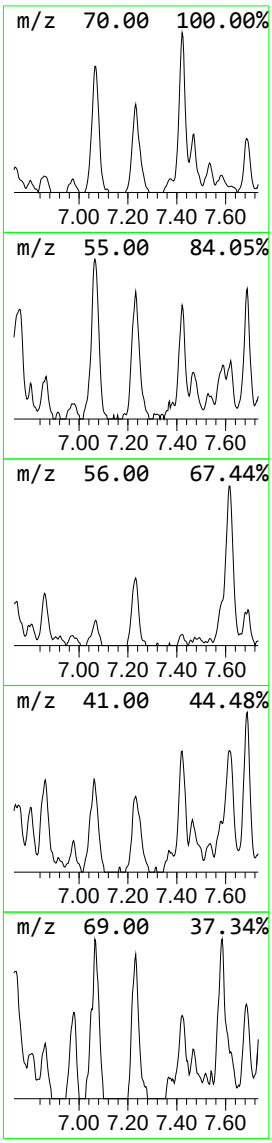
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Cyclic7.232 Concentration Rank 74

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.232 | 7.67 ug/L | 59760 | 1,4-Difluorobenzene | 6.242 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 015890-40-1 | 87 |
| 2 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 015890-40-1 | 74 |
| 3 | Cyclopentane, 1,2,3-trimethyl- | 112 | C8H16 | 002815-57-8 | 74 |
| 4 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 53 |
| 5 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

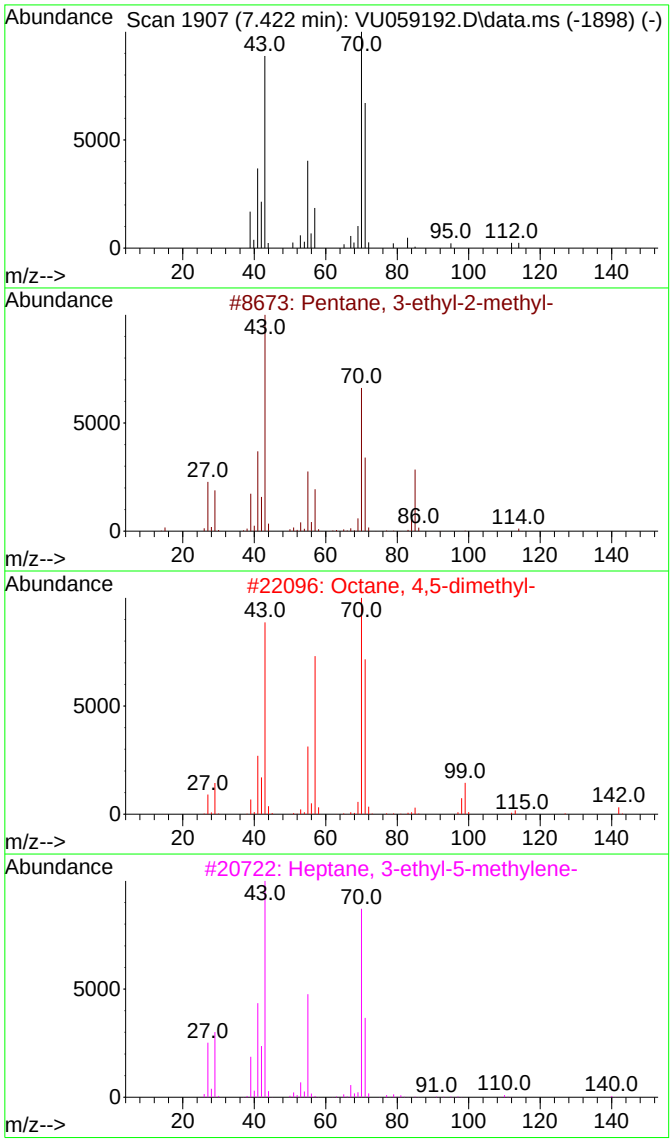
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

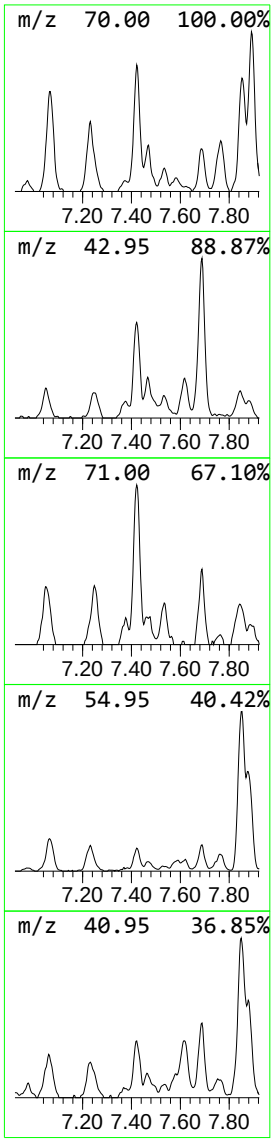
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 75

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.422 | 7.31 ug/L | 56938 | 1,4-Difluorobenzene | 6.242 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-ethyl-2-methyl- | 114 | C8H18 | 000609-26-7 | 72 |
| 2 | Octane, 4,5-dimethyl- | 142 | C10H22 | 015869-96-2 | 64 |
| 3 | Heptane, 3-ethyl-5-methylene- | 140 | C10H20 | 1010160-41-7 | 59 |
| 4 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 56 |
| 5 | Pentane, 3-ethyl-2-methyl- | 114 | C8H18 | 000609-26-7 | 49 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

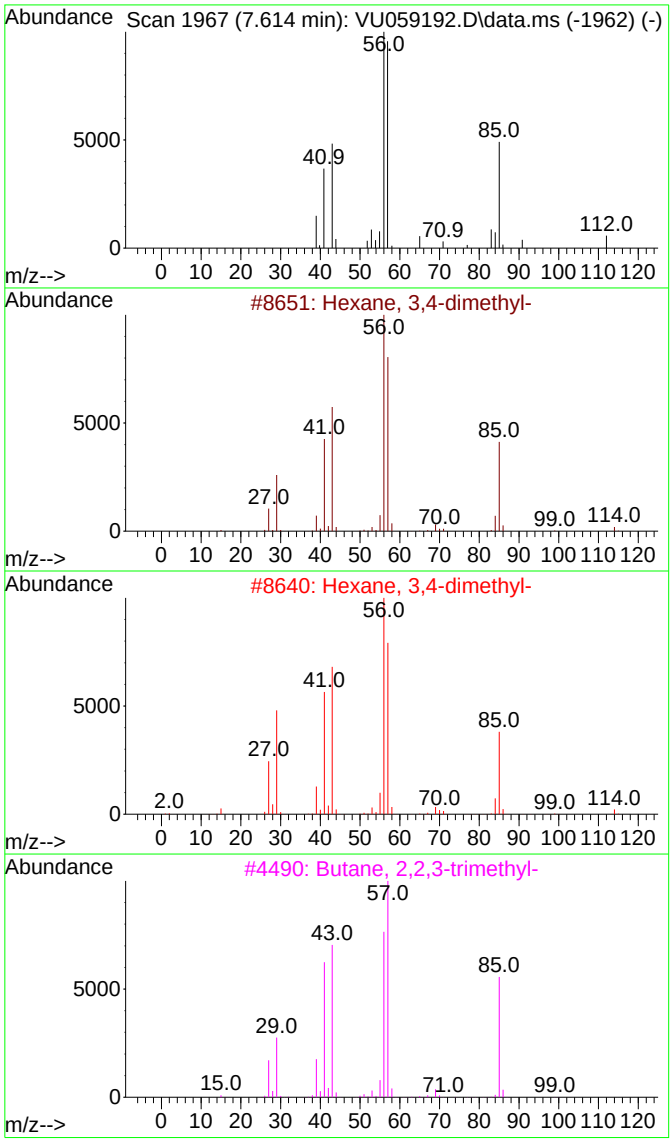
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

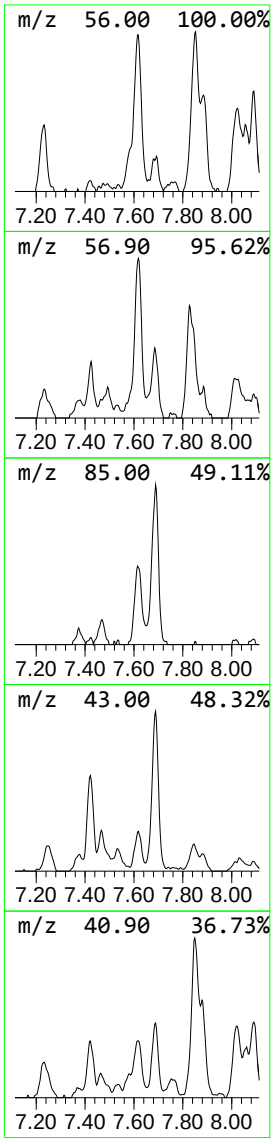
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 77

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.614 | 5.96 ug/L | 46436 | 1,4-Difluorobenzene | 6.242 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 3,4-dimethyl- | 114 | C8H18 | 000583-48-2 | 72 |
| 2 | Hexane, 3,4-dimethyl- | 114 | C8H18 | 000583-48-2 | 50 |
| 3 | Butane, 2,2,3-trimethyl- | 100 | C7H16 | 000464-06-2 | 40 |
| 4 | Hexane, 3,4-dimethyl- | 114 | C8H18 | 000583-48-2 | 39 |
| 5 | 2-Propen-1-amine | 57 | C3H7N | 000107-11-9 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

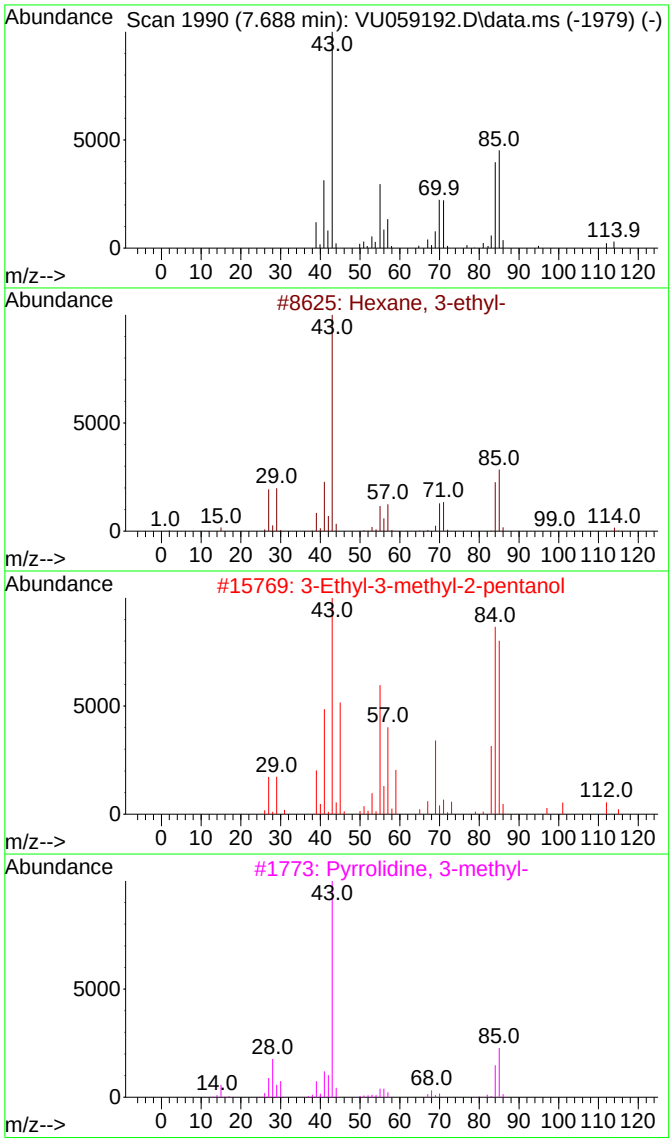
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

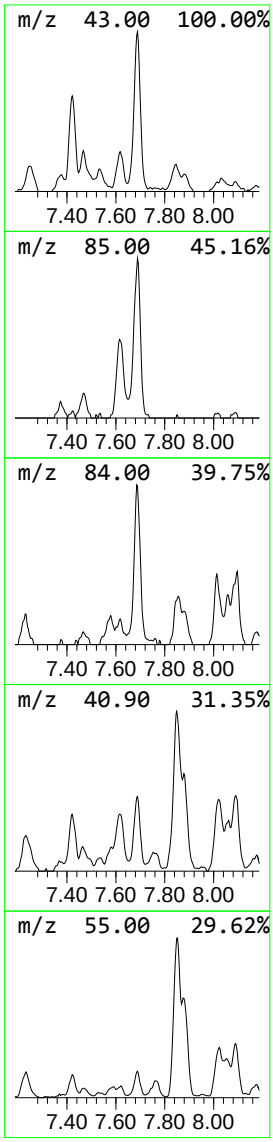
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 71

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.688 | 9.66 ug/L | 75240 | 1,4-Difluorobenzene | 6.242 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 3-ethyl- | 114 | C8H18 | 000619-99-8 | 64 |
| 2 | 3-Ethyl-3-methyl-2-pentanol | 130 | C8H18O | 066576-22-5 | 53 |
| 3 | Pyrrolidine, 3-methyl- | 85 | C5H11N | 034375-89-8 | 50 |
| 4 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 50 |
| 5 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

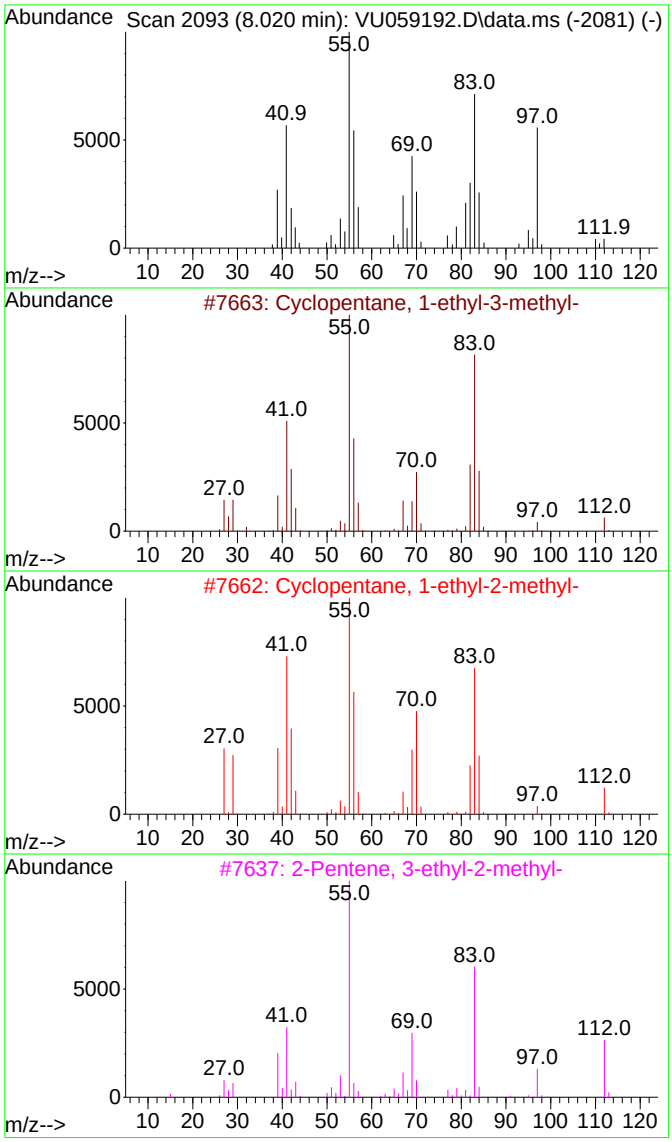
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

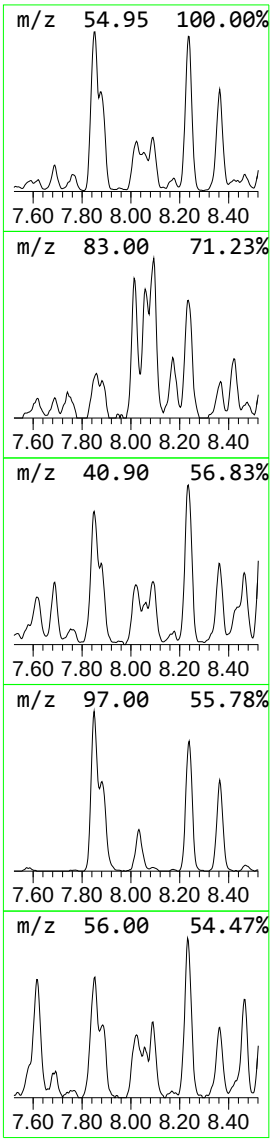
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Cyclic8.020 Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.020 | 12.70 ug/L | 107186 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1-ethyl-3-methyl- | 112 | C8H16 | 003726-47-4 | 52 |
| 2 | Cyclopentane, 1-ethyl-2-methyl- | 112 | C8H16 | 003726-46-3 | 50 |
| 3 | 2-Pentene, 3-ethyl-2-methyl- | 112 | C8H16 | 019780-67-7 | 30 |
| 4 | Pentane, 2-cyclopropyl- | 112 | C8H16 | 005458-16-2 | 27 |
| 5 | 1-Pentene, 3-ethyl-3-methyl- | 112 | C8H16 | 006196-60-7 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

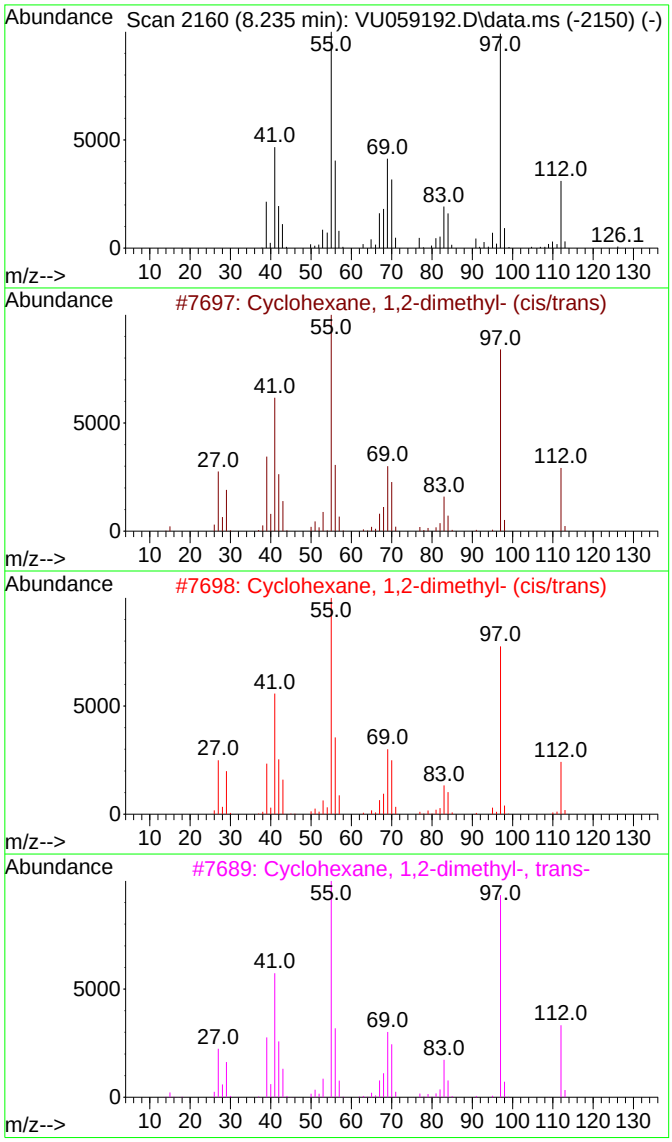
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

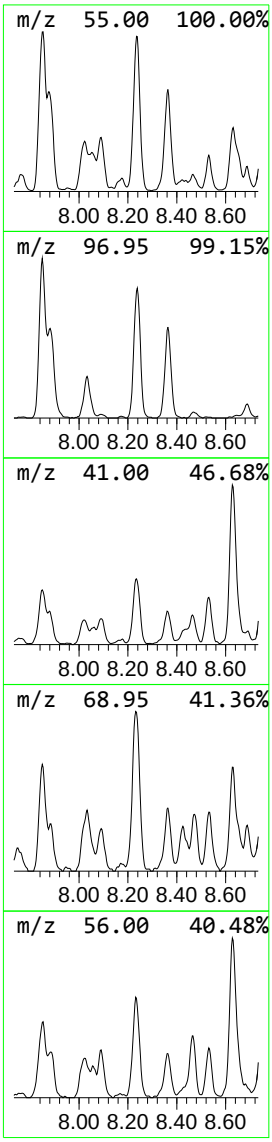
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Cyclic8.235 Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.235 | 31.95 ug/L | 269596 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 94 |
| 2 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 94 |
| 3 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 94 |
| 4 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 90 |
| 5 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

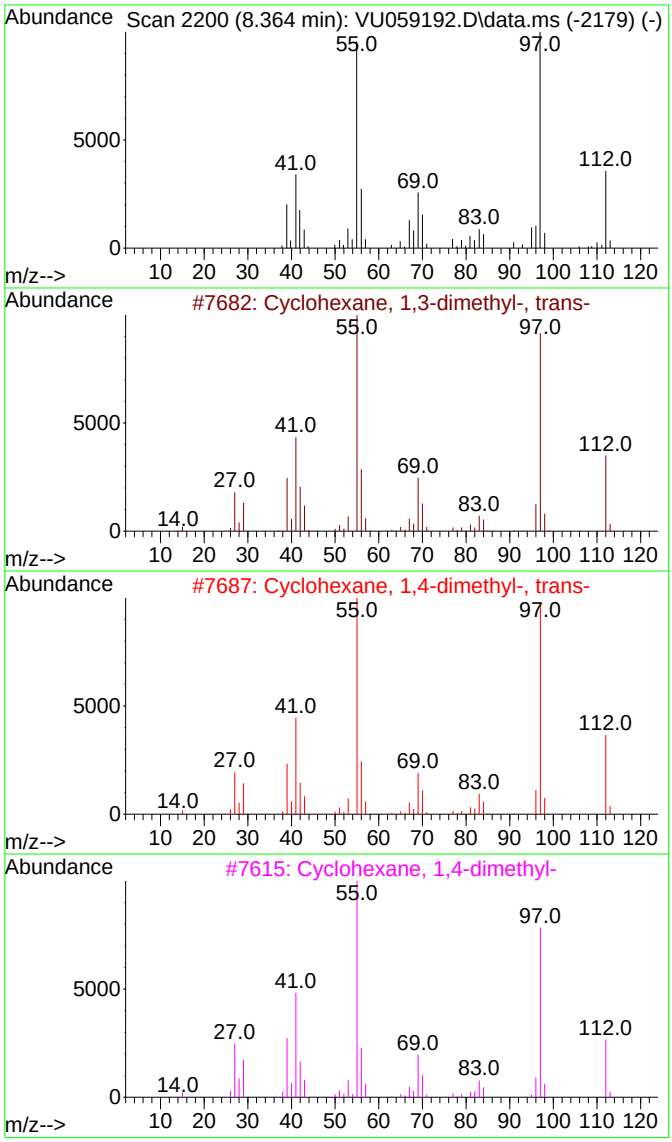
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

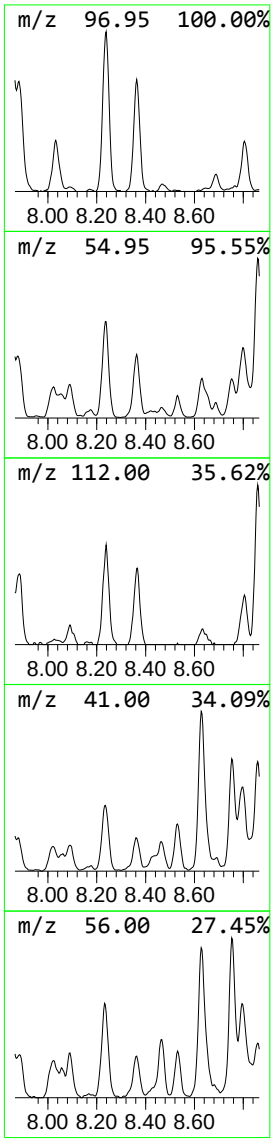
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Cyclic8.364 Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.364 | 17.87 ug/L | 150761 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 95 |
| 2 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 94 |
| 3 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 94 |
| 4 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 93 |
| 5 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

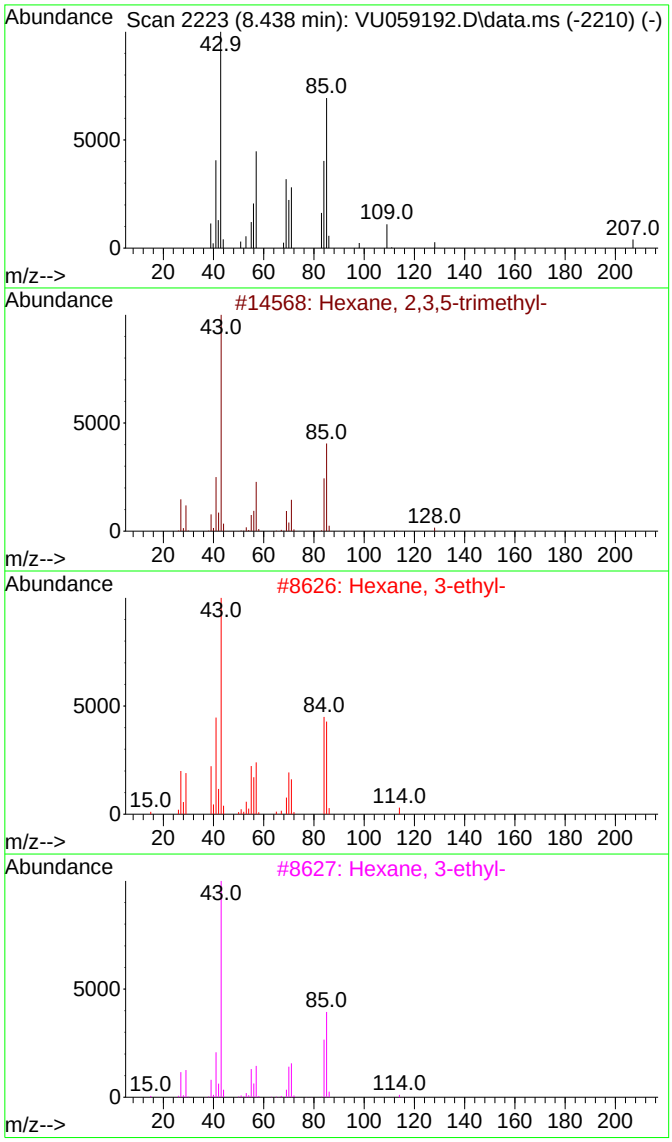
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

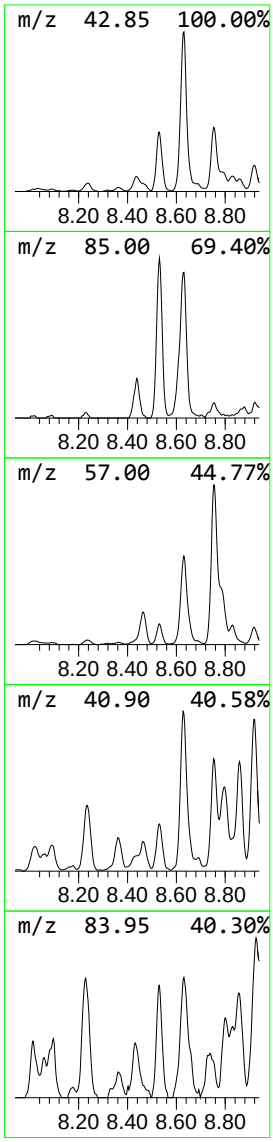
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 80

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.438 | 4.03 ug/L | 34034 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,3,5-trimethyl- | 128 | C9H20 | 001069-53-0 | 68 |
| 2 | Hexane, 3-ethyl- | 114 | C8H18 | 000619-99-8 | 59 |
| 3 | Hexane, 3-ethyl- | 114 | C8H18 | 000619-99-8 | 59 |
| 4 | Hexane, 3-ethyl- | 114 | C8H18 | 000619-99-8 | 59 |
| 5 | Heptane, 3,4,5-trimethyl- | 142 | C10H22 | 020278-89-1 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

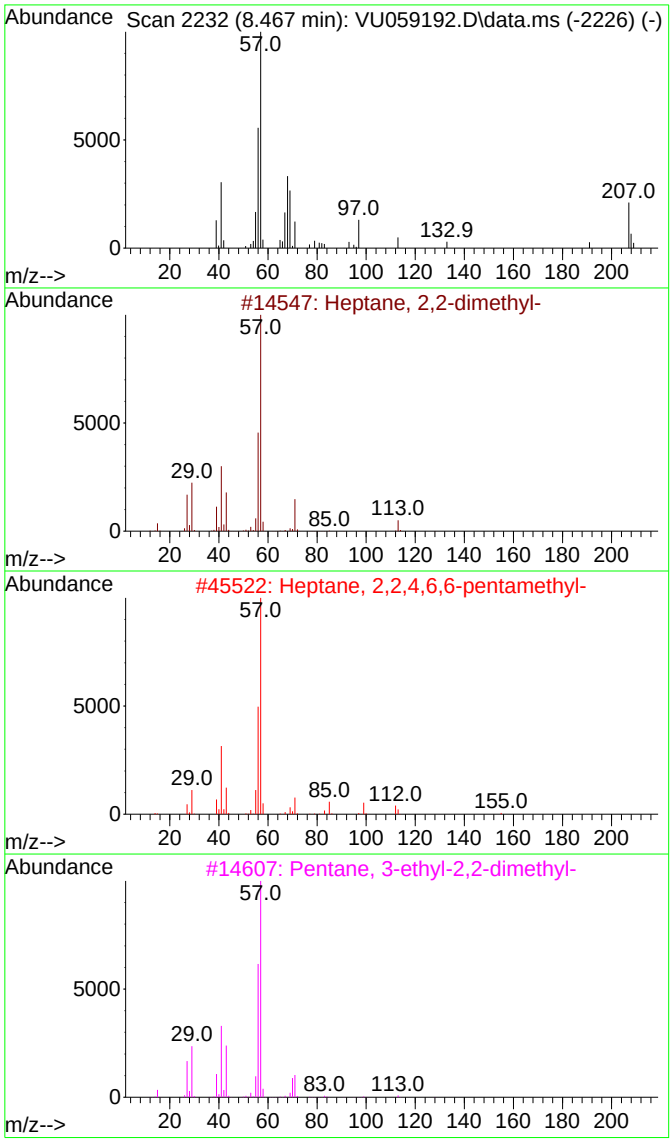
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

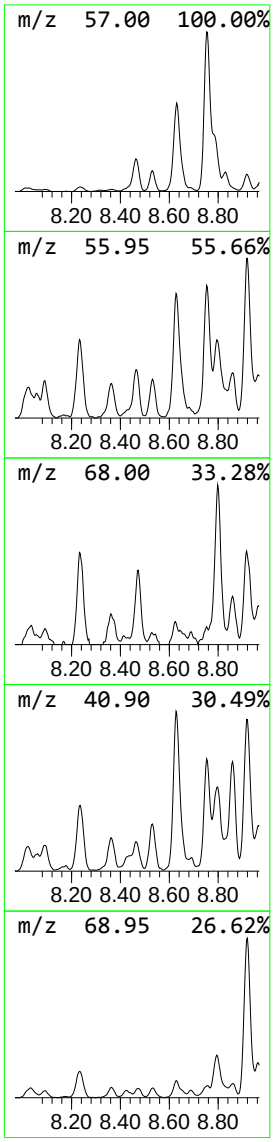
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 72

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.467 | 8.83 ug/L | 74477 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,2-dimethyl- | 128 | C9H20 | 001071-26-7 | 38 |
| 2 | Heptane, 2,2,4,6,6-pentamethyl- | 170 | C12H26 | 013475-82-6 | 38 |
| 3 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 38 |
| 4 | 2,2,7,7-Tetramethyloctane | 170 | C12H26 | 001071-31-4 | 32 |
| 5 | Hexane, 2,2,3-trimethyl- | 128 | C9H20 | 016747-25-4 | 32 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

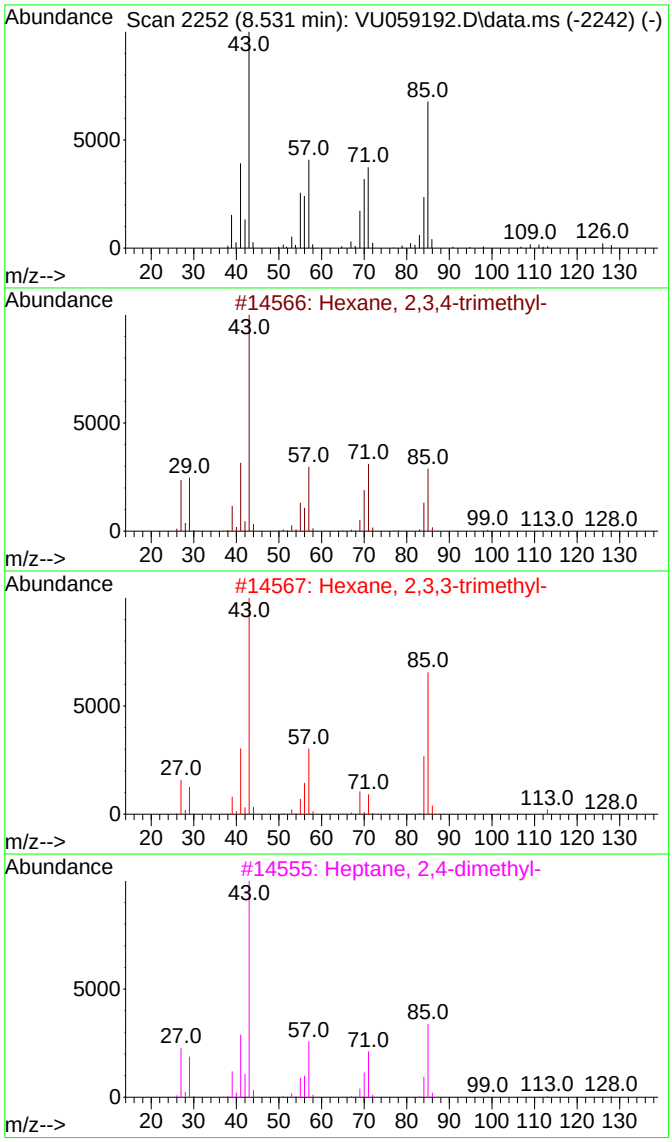
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

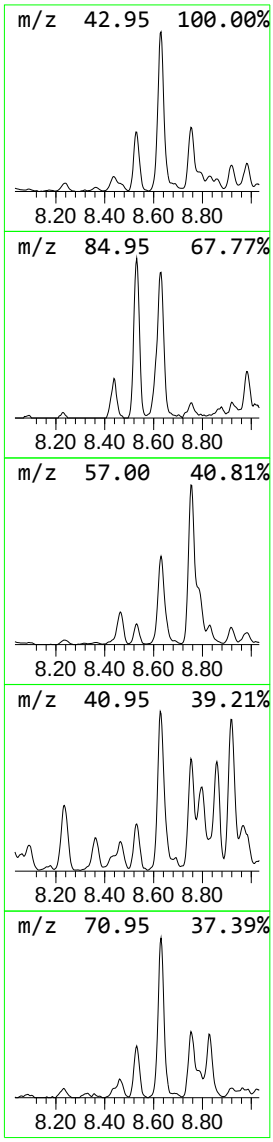
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 61

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.531 | 17.56 ug/L | 148202 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 64 |
| 2 | Hexane, 2,3,3-trimethyl- | 128 | C9H20 | 016747-28-7 | 64 |
| 3 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 59 |
| 4 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 59 |
| 5 | Octane | 114 | C8H18 | 000111-65-9 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

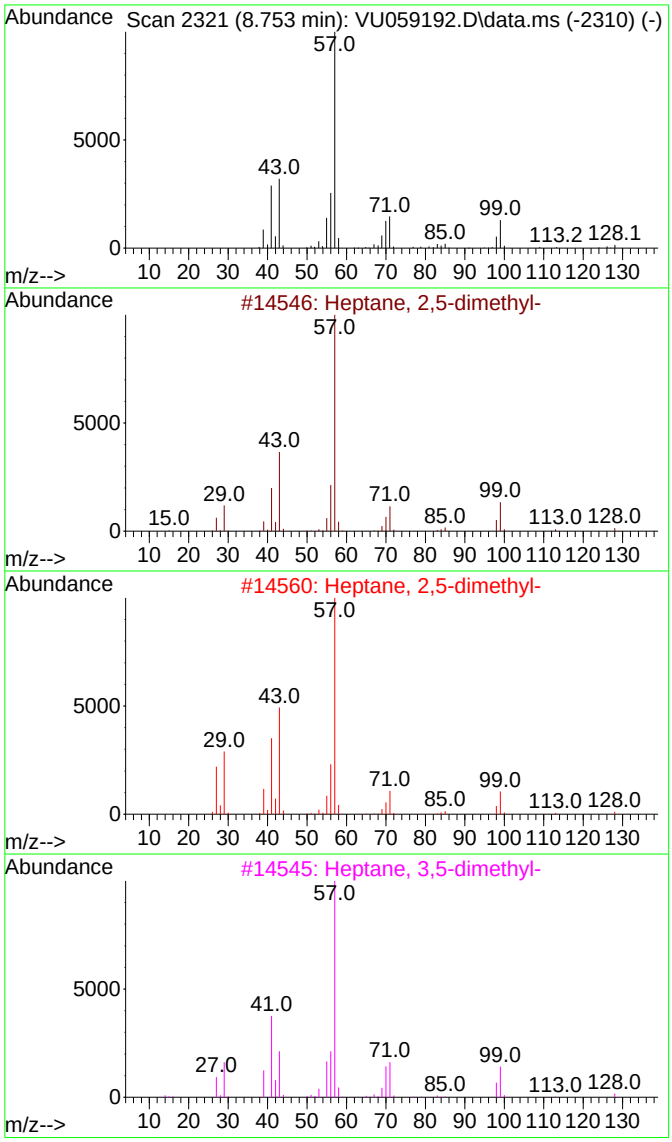
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

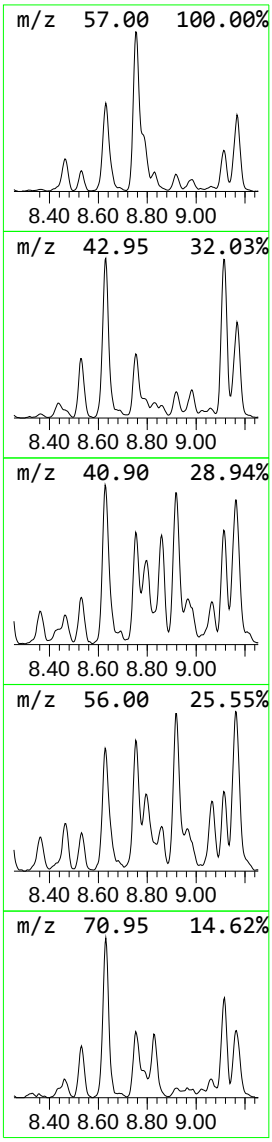
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.753 | 36.02 ug/L | 303970 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 91 |
| 2 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 91 |
| 3 | Heptane, 3,5-dimethyl- | 128 | C9H20 | 000926-82-9 | 81 |
| 4 | Heptane, 3,5-dimethyl- | 128 | C9H20 | 000926-82-9 | 81 |
| 5 | Heptane, 3,5-dimethyl- | 128 | C9H20 | 000926-82-9 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

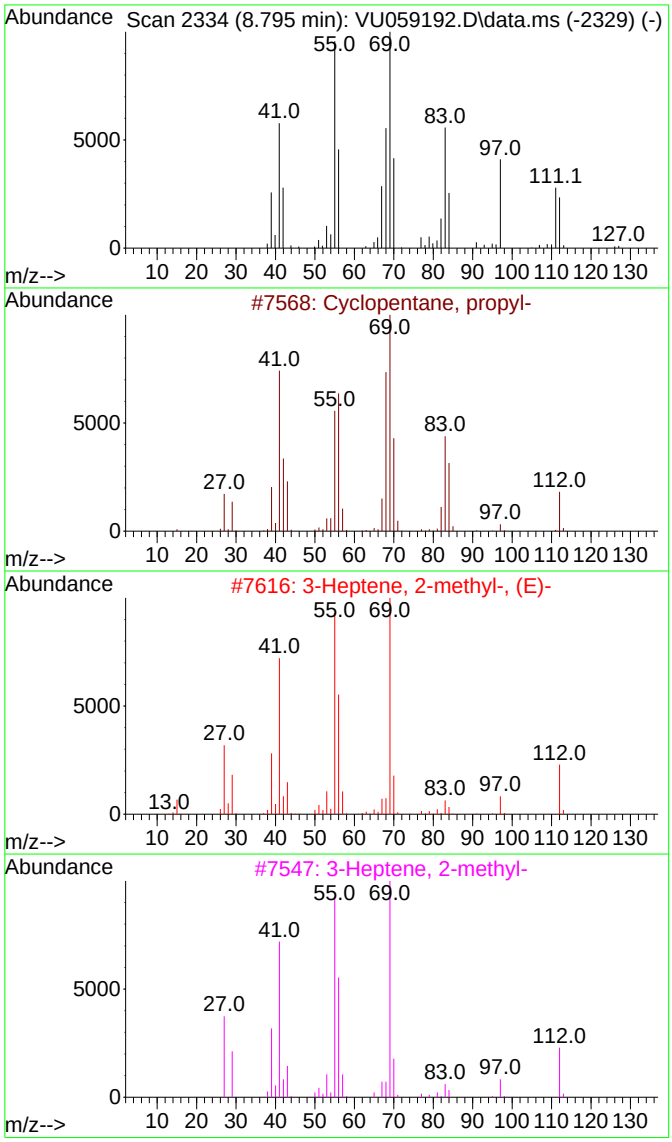
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

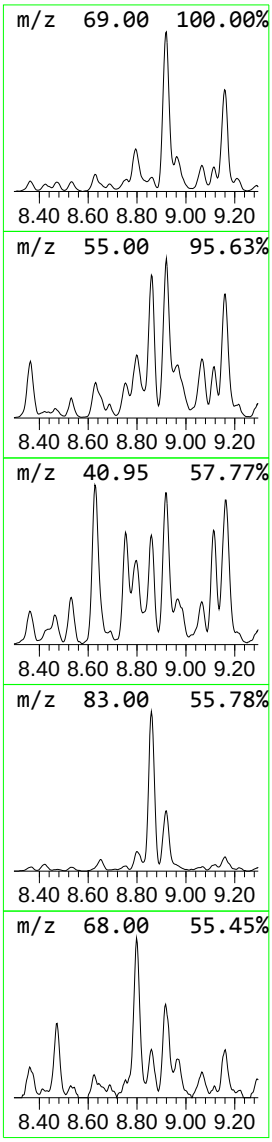
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Cyclic8.795 Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.795 | 25.55 ug/L | 215566 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, propyl- | 112 | C8H16 | 002040-96-2 | 53 |
| 2 | 3-Heptene, 2-methyl-, (E)- | 112 | C8H16 | 000692-96-6 | 38 |
| 3 | 3-Heptene, 2-methyl- | 112 | C8H16 | 017618-76-7 | 38 |
| 4 | 2-Methyl-2-heptene | 112 | C8H16 | 000627-97-4 | 38 |
| 5 | 1-Tetradecene | 196 | C14H28 | 001120-36-1 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

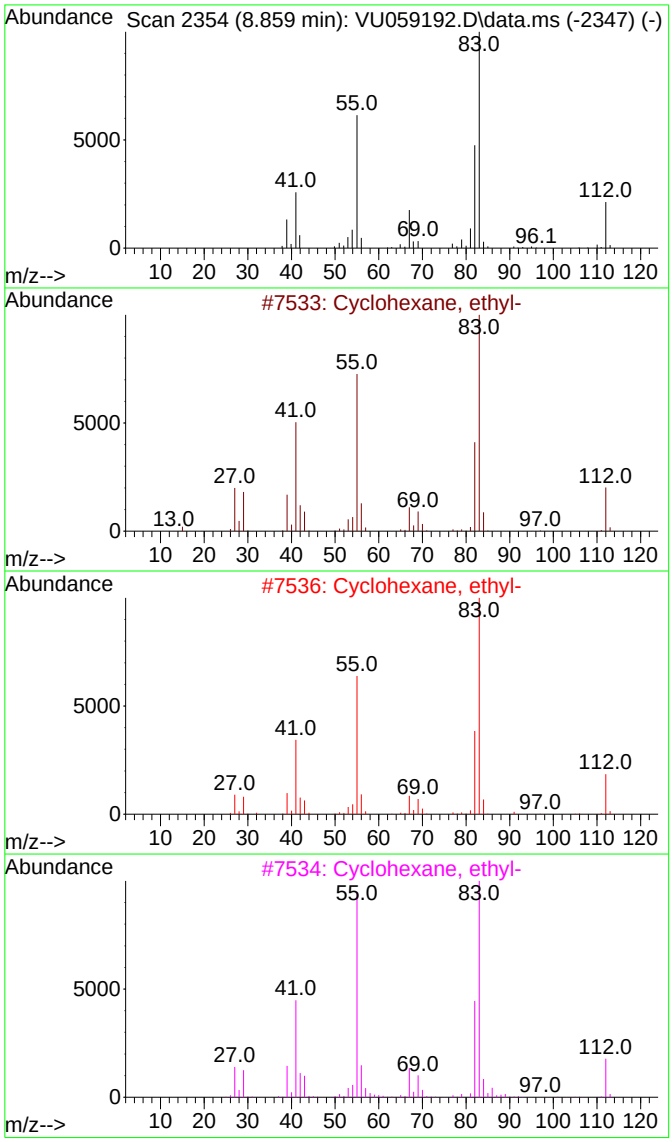
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

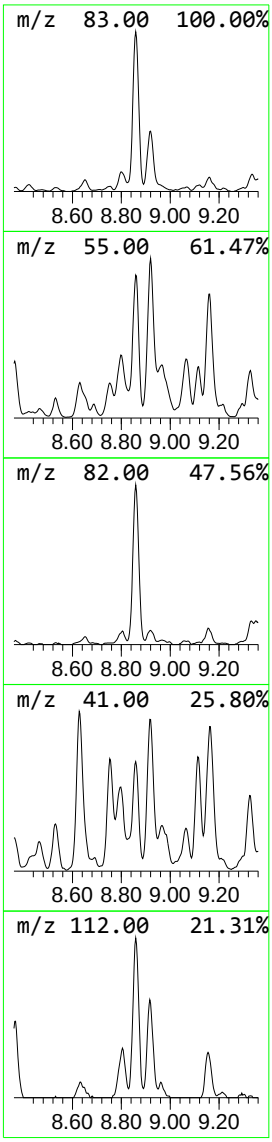
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 (DEL) Alkane: Cyclic8.859 Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.859 | 35.37 ug/L | 298486 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 86 |
| 2 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 86 |
| 3 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 80 |
| 4 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 72 |
| 5 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

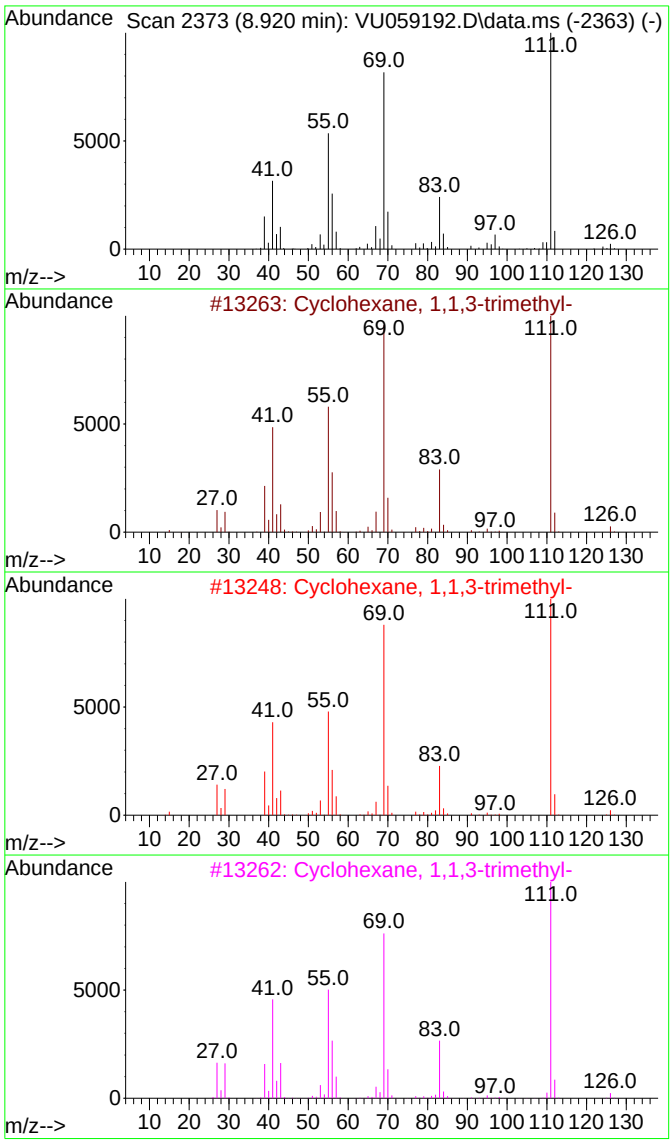
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

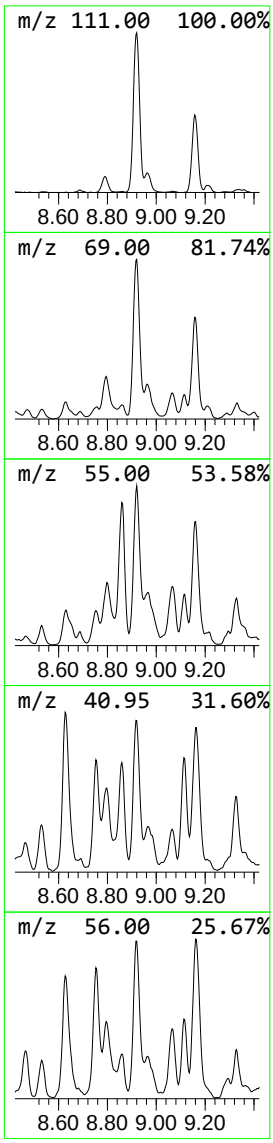
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 (DEL) Alkane: Cyclic8.920 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.920 | 68.24 ug/L | 575839 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 94 |
| 2 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 94 |
| 3 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 91 |
| 4 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-27-3 | 64 |
| 5 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

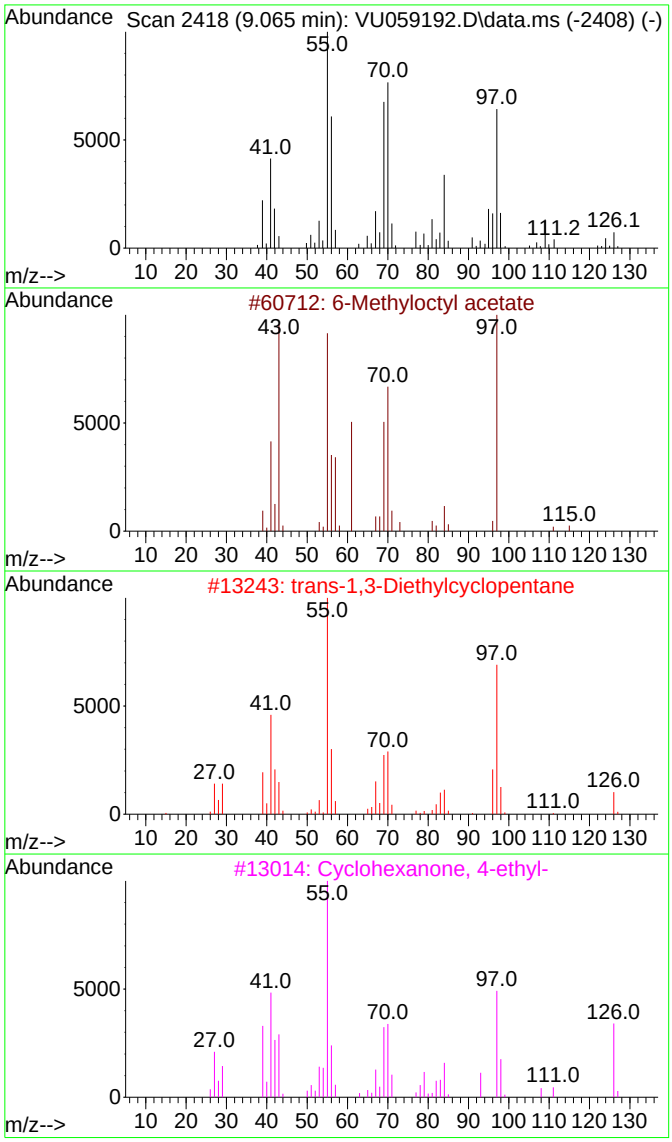
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

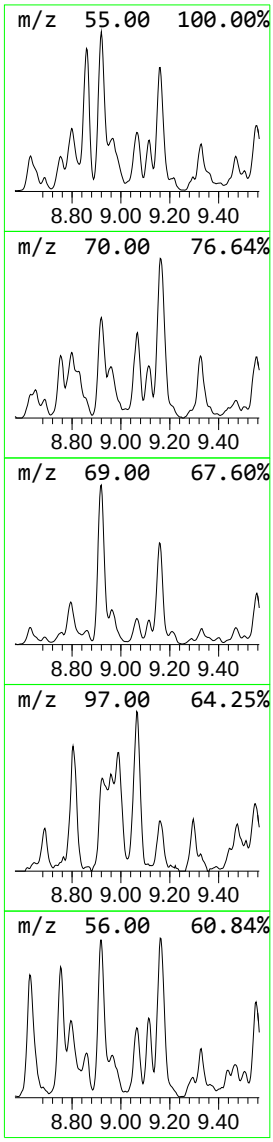
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 6-Methyloctyl acetate Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.065 | 17.65 ug/L | 148953 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Methyloctyl acetate | 186 | C11H22O2 | 1000439-66-5 | 53 |
| 2 | trans-1,3-Diethylcyclopentane | 126 | C9H18 | 1000113-87-1 | 43 |
| 3 | Cyclohexanone, 4-ethyl- | 126 | C8H14O | 005441-51-0 | 38 |
| 4 | 2-Fluoropyridine | 97 | C5H4FN | 000372-48-5 | 38 |
| 5 | Butane, 2-cyclopropyl- | 98 | C7H14 | 005750-02-7 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

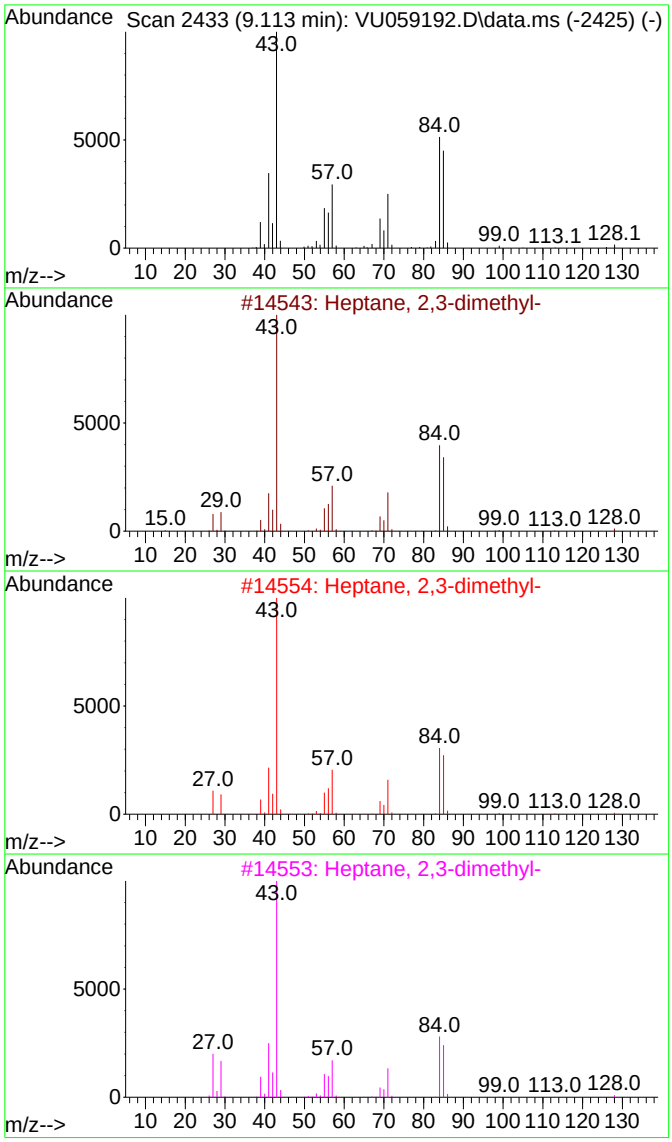
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

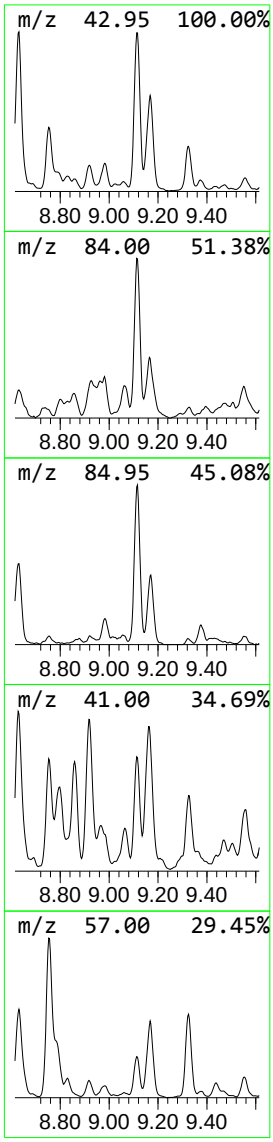
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.113 | 35.01 ug/L | 295397 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 91 |
| 2 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 87 |
| 3 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 74 |
| 4 | Hexane, 2,3,5-trimethyl- | 128 | C9H20 | 001069-53-0 | 72 |
| 5 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

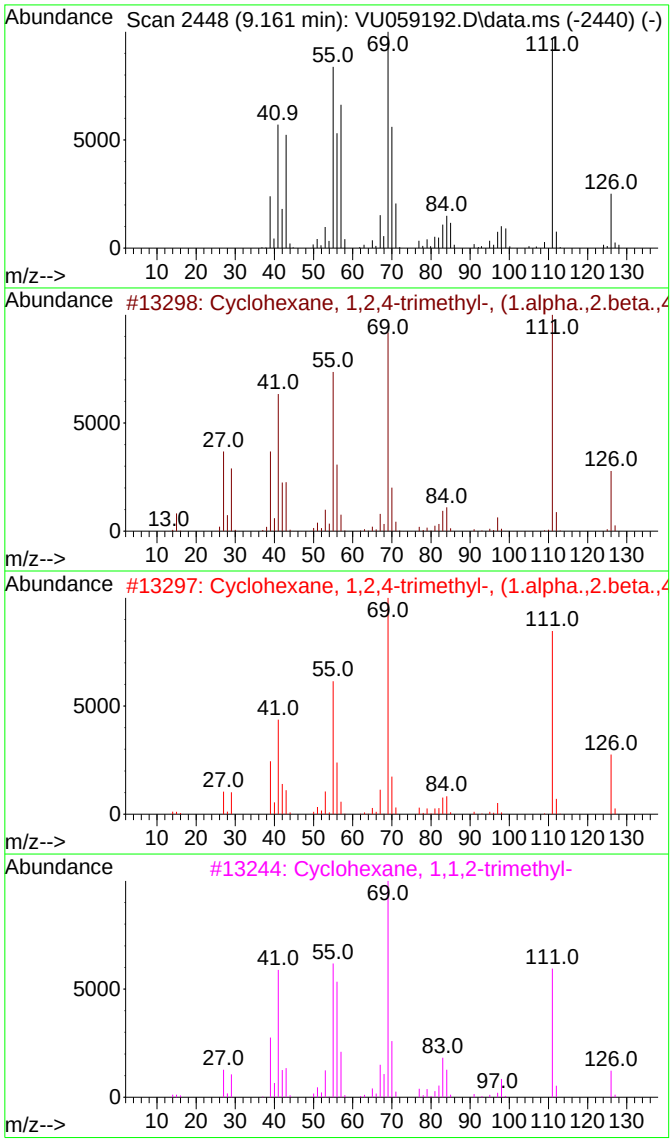
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

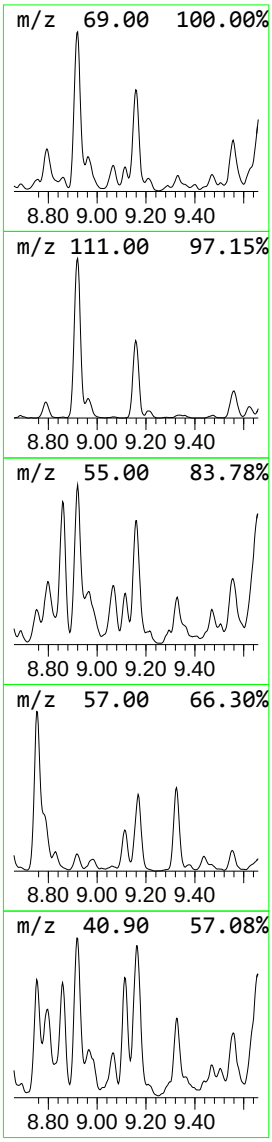
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Cyclic9.161 Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.161 | 63.39 ug/L | 534896 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 91 |
| 2 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 91 |
| 3 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 81 |
| 4 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-26-2 | 64 |
| 5 | Cyclohexane, 1,2,3-trimethyl- | 126 | C9H18 | 001678-97-3 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

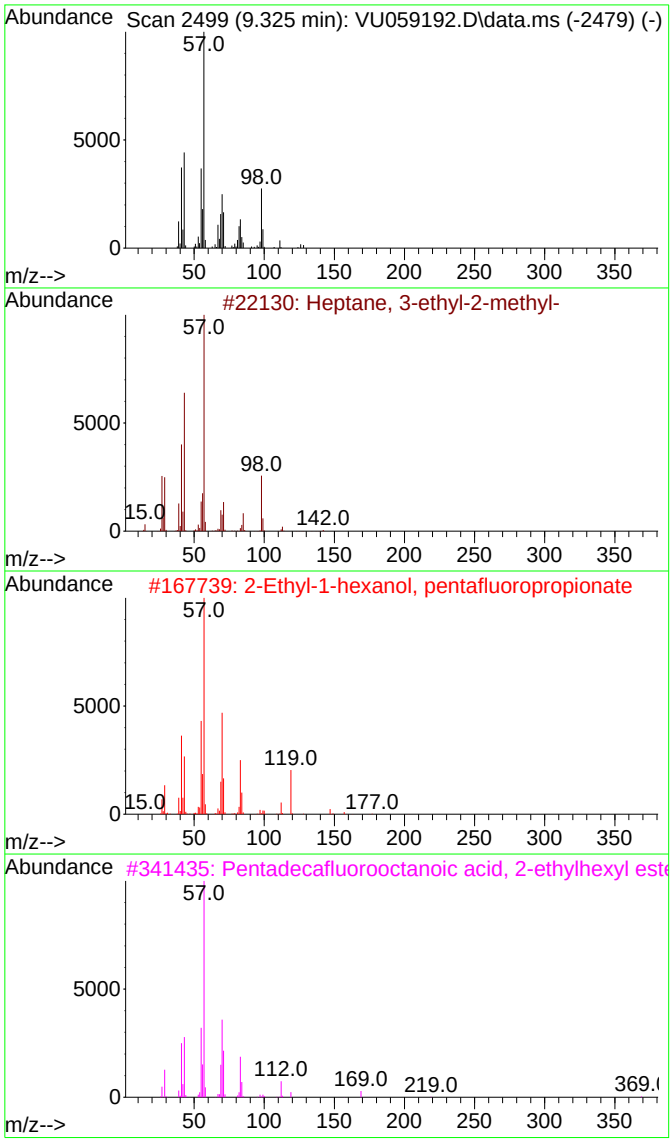
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

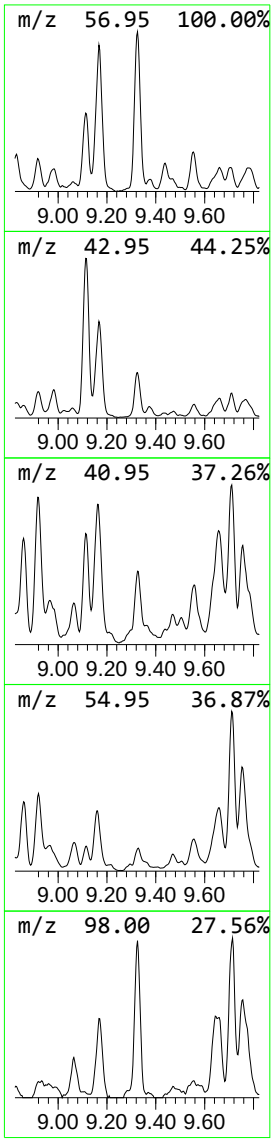
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.325 | 38.51 ug/L | 324944 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 50 |
| 2 | 2-Ethyl-1-hexanol, pentafluoropr... | 276 | C11H17F5O2 | 959012-82-9 | 50 |
| 3 | Pentadecafluorooctanoic acid, 2-... | 526 | C16H17F15O2 | 1000406-80-9 | 50 |
| 4 | Heptane, 3-ethyl- | 128 | C9H20 | 015869-80-4 | 49 |
| 5 | Heptane, 1,1'-oxybis- | 214 | C14H30O | 000629-64-1 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

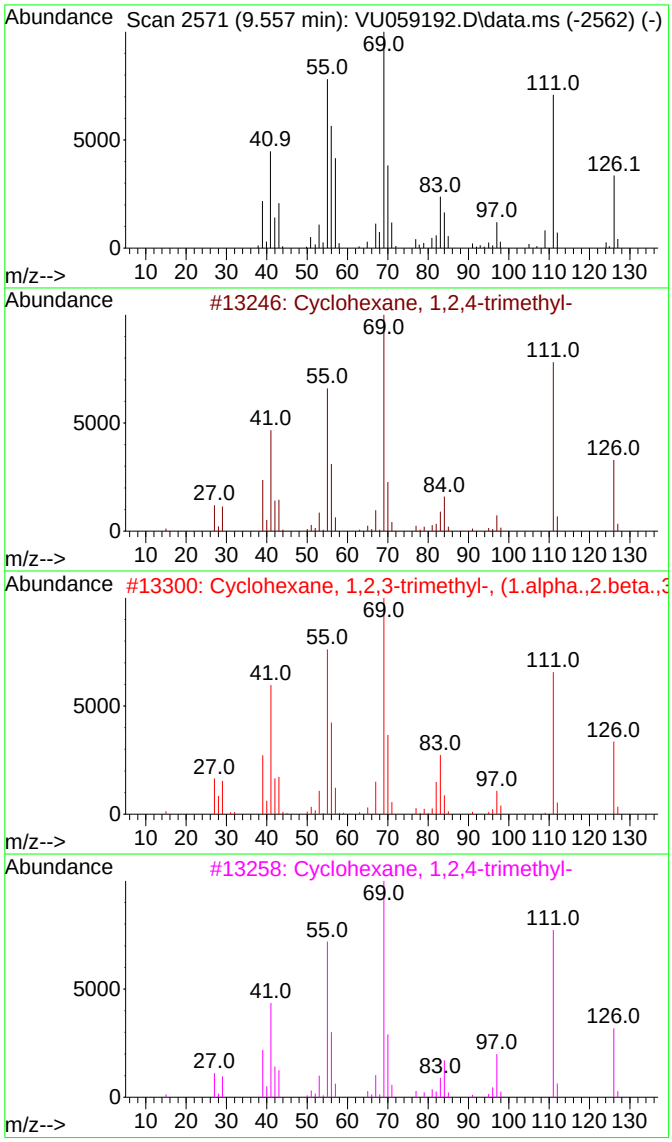
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

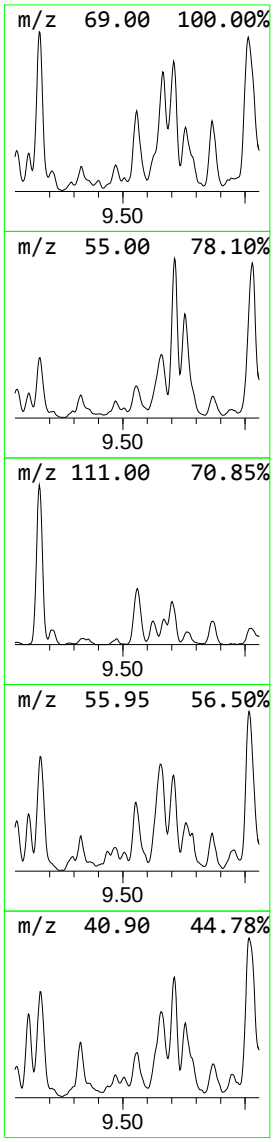
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 (DEL) Alkane: Cyclic9.557 Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.557 | 27.23 ug/L | 229756 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 93 |
| 2 | Cyclohexane, 1,2,3-trimethyl-, (... | 126 | C9H18 | 001678-81-5 | 93 |
| 3 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 90 |
| 4 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 90 |
| 5 | Cyclohexane, 1,2,3-trimethyl-, (... | 126 | C9H18 | 001678-81-5 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

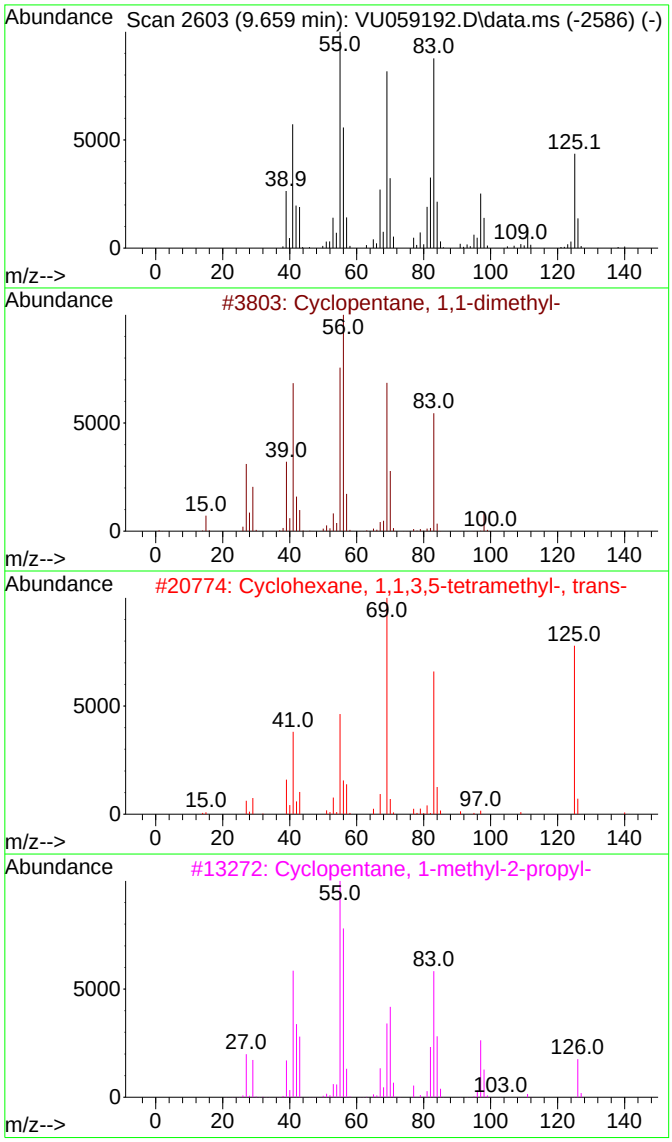
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

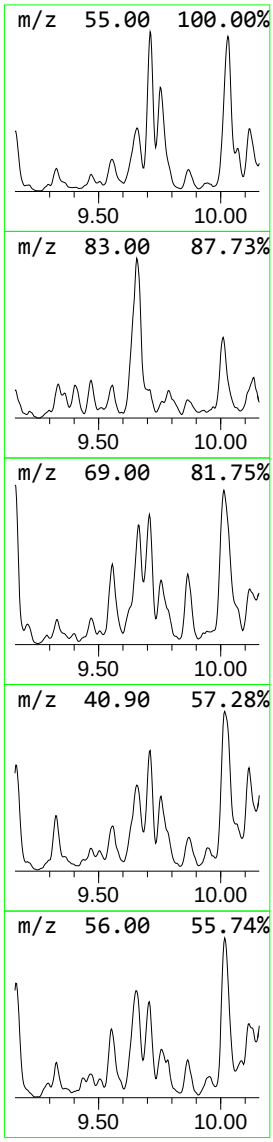
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Cyclic9.659 Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.659 | 70.26 ug/L | 592844 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 45 |
| 2 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-31-8 | 38 |
| 3 | Cyclopentane, 1-methyl-2-propyl- | 126 | C9H18 | 003728-57-2 | 38 |
| 4 | 2-Heptene, 2,6-dimethyl- | 126 | C9H18 | 005557-98-2 | 30 |
| 5 | Cyclopropane, 1-ethyl-1-methyl- | 84 | C6H12 | 053778-43-1 | 30 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

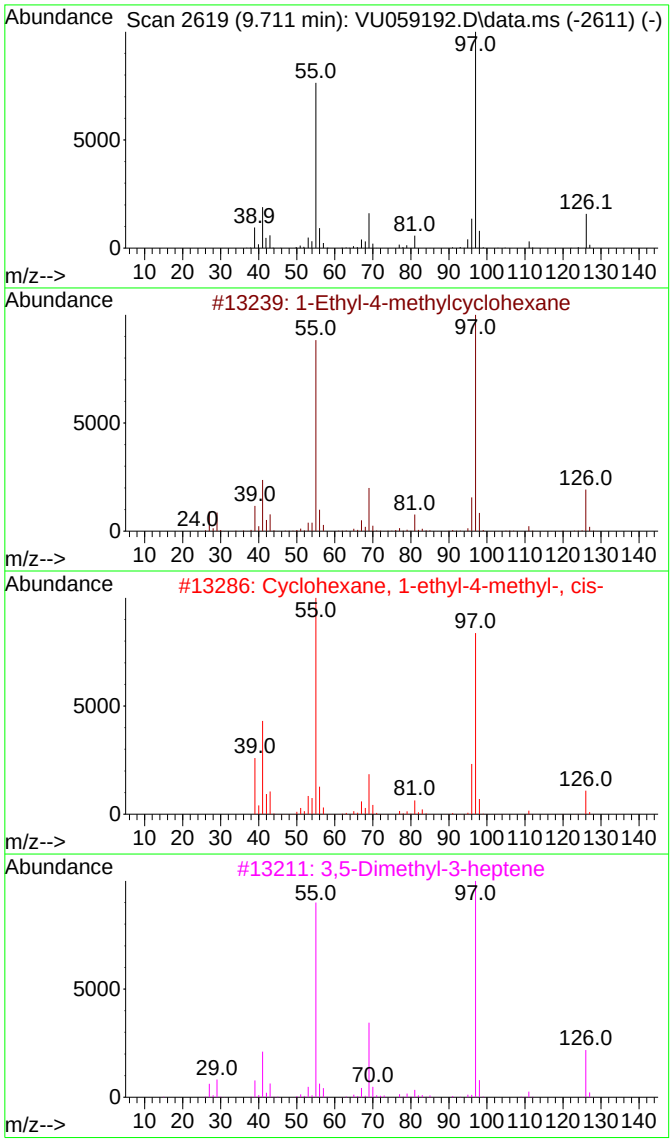
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

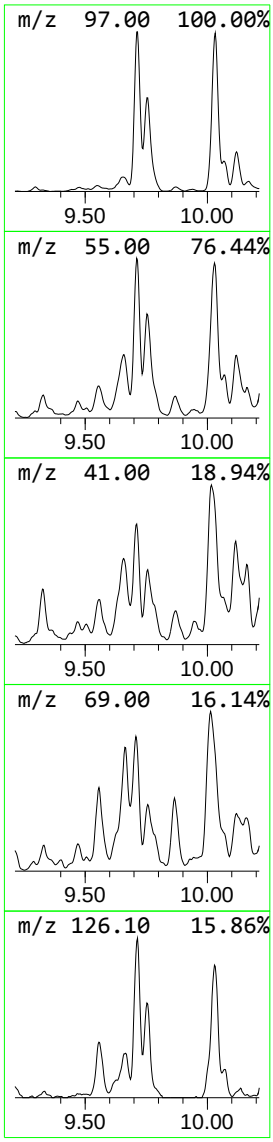
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (DEL) Alkane: Cyclic9.711 Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.711 | 53.74 ug/L | 453462 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Ethyl-4-methylcyclohexane | 126 | C9H18 | 003728-56-1 | 94 |
| 2 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 80 |
| 3 | 3,5-Dimethyl-3-heptene | 126 | C9H18 | 059643-68-4 | 72 |
| 4 | 1H-Pyrazole, 4,5-dihydro-3-methy... | 126 | C7H14N2 | 026964-49-8 | 72 |
| 5 | Sulfurous acid, cyclohexylmethyl... | 430 | C25H50O3S | 1000309-22-6 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

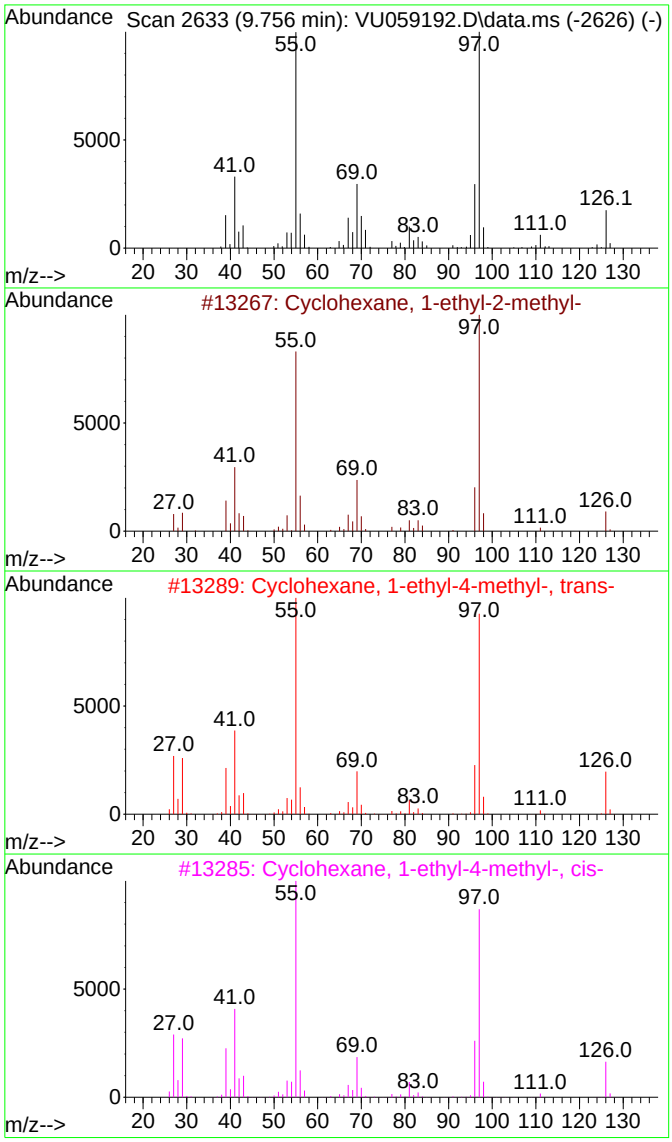
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

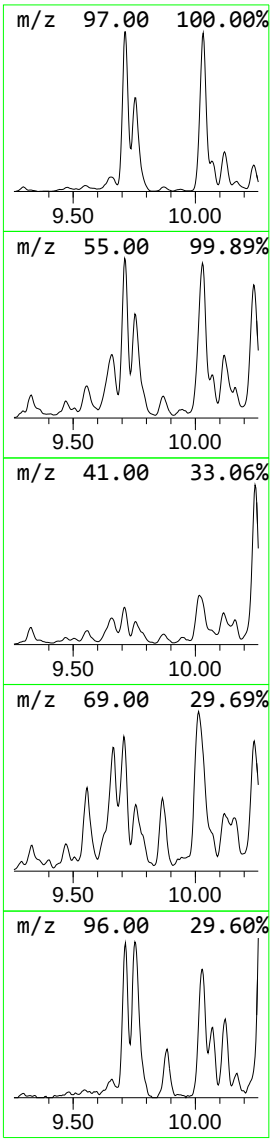
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 (DEL) Alkane: Cyclic9.756 Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.756 | 68.43 ug/L | 577437 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 93 |
| 2 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 90 |
| 3 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 90 |
| 4 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 90 |
| 5 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

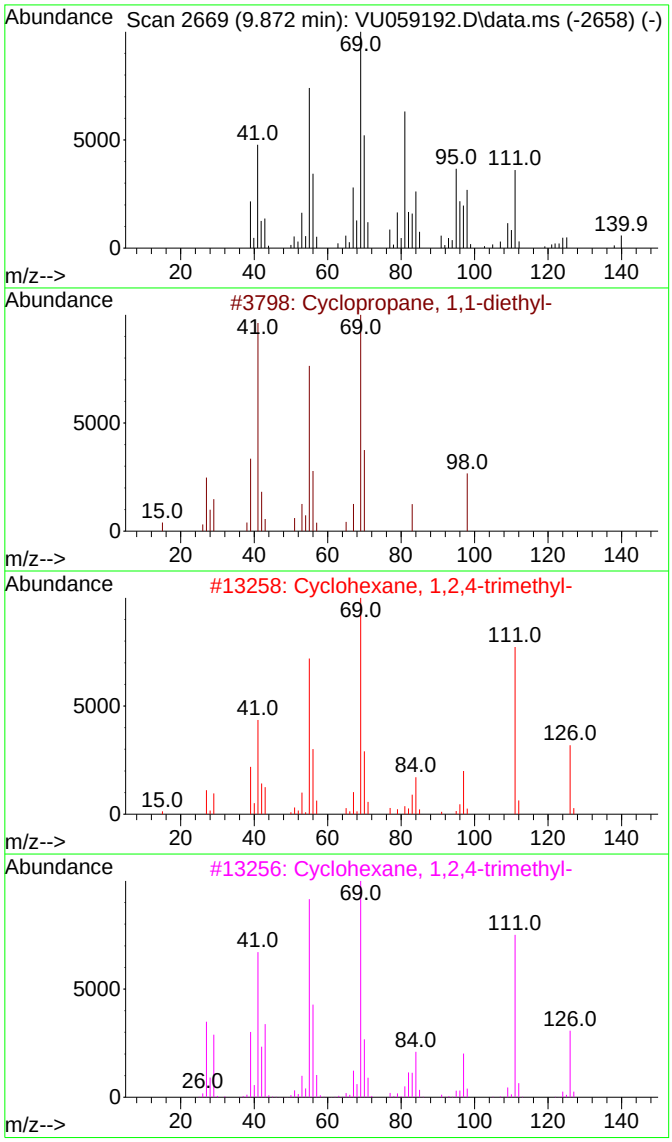
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

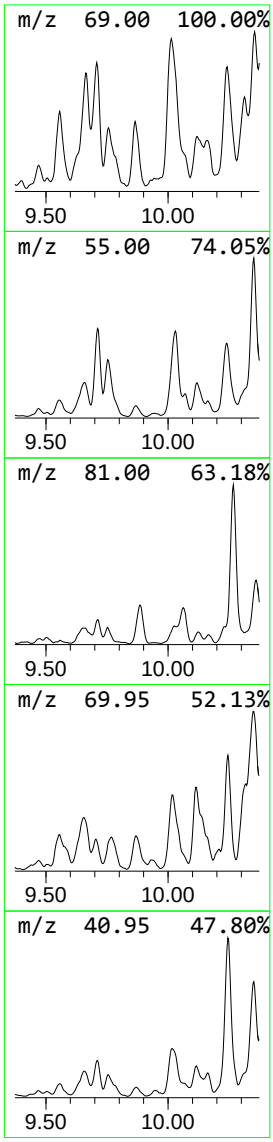
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Cyclic9.872 Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.872 | 28.74 ug/L | 242471 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,1-diethyl- | 98 | C7H14 | 001003-19-6 | 55 |
| 2 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 47 |
| 3 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 47 |
| 4 | Cyclopropane, 1,2-dimethyl-1-pen... | 140 | C10H20 | 062238-04-4 | 43 |
| 5 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

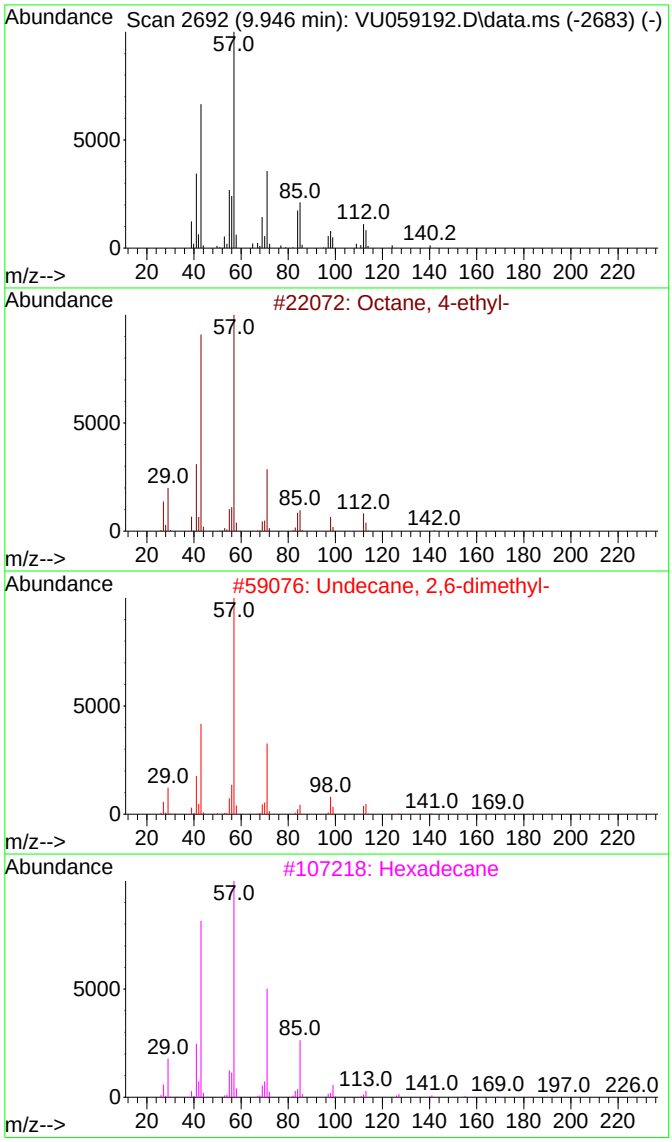
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

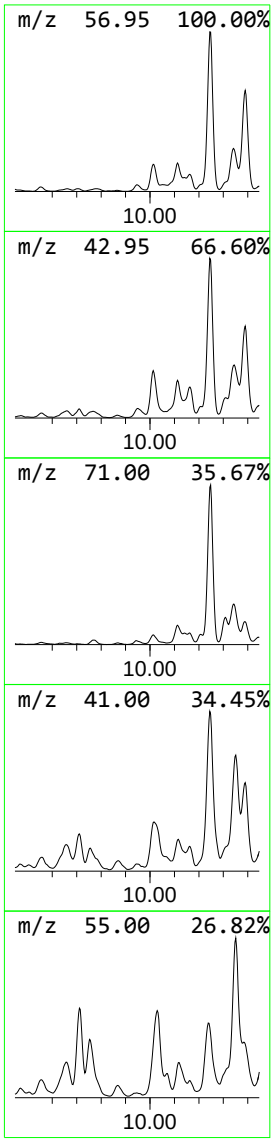
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.946 | 11.75 ug/L | 99135 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 4-ethyl- | 142 | C10H22 | 015869-86-0 | 59 |
| 2 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 50 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 50 |
| 4 | Octane, 3,4,5,6-tetramethyl- | 170 | C12H26 | 062185-21-1 | 50 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

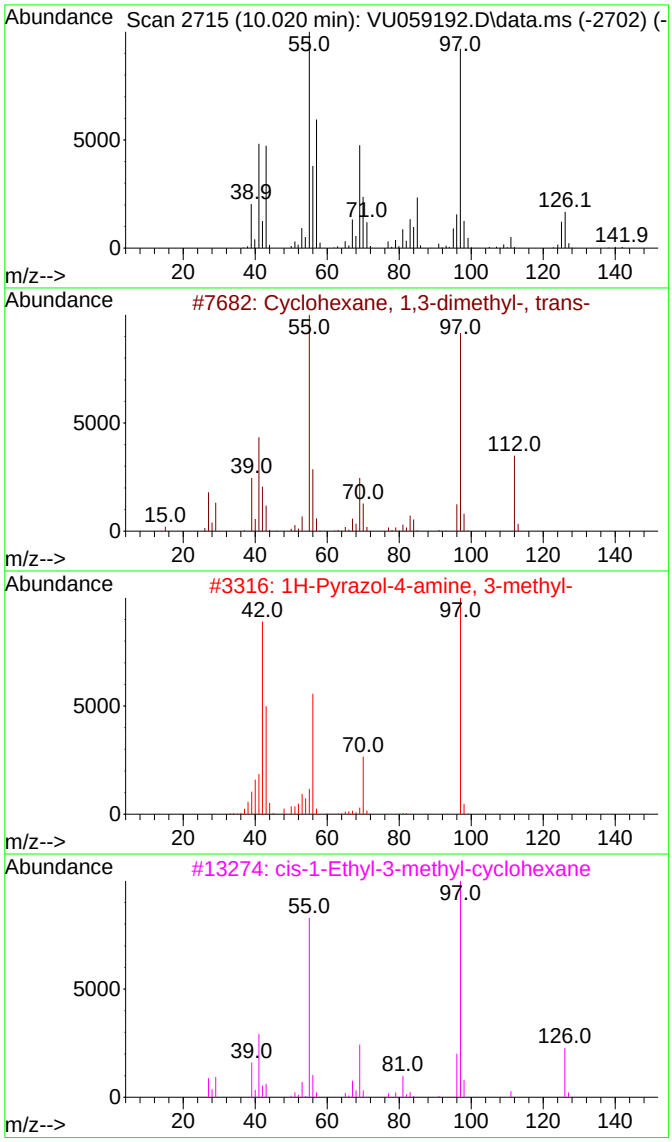
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

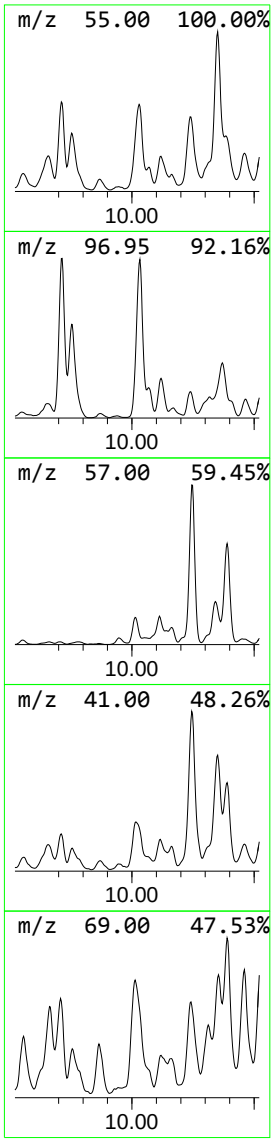
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 (DEL) Alkane: Cyclic10.020 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.020 | 139.38 ug/L | 1176040 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 64 |
| 2 | 1H-Pyrazol-4-amine, 3-methyl- | 97 | C4H7N3 | 1010338-28-2 | 49 |
| 3 | cis-1-Ethyl-3-methyl-cyclohexane | 126 | C9H18 | 019489-10-2 | 46 |
| 4 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 46 |
| 5 | 2-Hexene, 3,4,4-trimethyl- | 126 | C9H18 | 053941-19-8 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

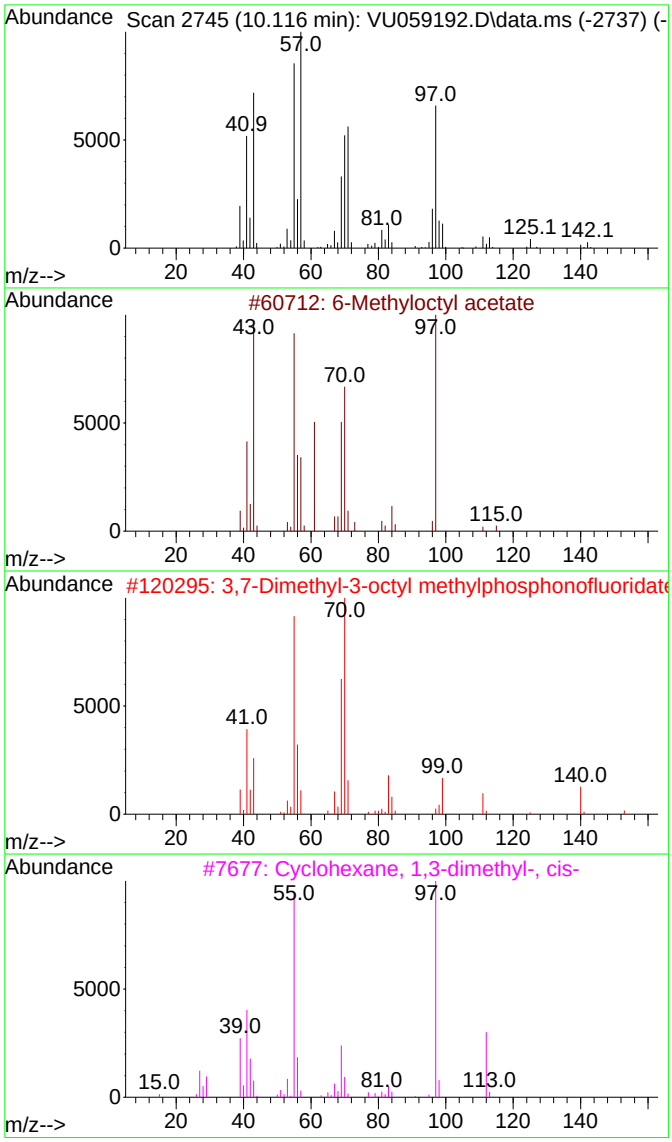
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

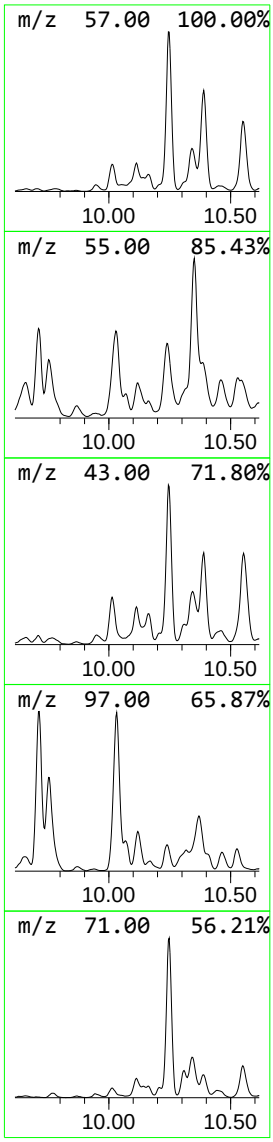
**********

Peak Number 31 unknown-01 Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.116 | 47.01 ug/L | 396656 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Methyloctyl acetate | 186 | C11H22O2 | 1000439-66-5 | 47 |
| 2 | 3,7-Dimethyl-3-octyl methylphosp... | 238 | C11H24FO2P | 159395-79-6 | 35 |
| 3 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 35 |
| 4 | Hexane, 3,3,4-trimethyl- | 128 | C9H20 | 016747-31-2 | 35 |
| 5 | Cyclopentane, 1,1,3,3-tetramethyl- | 126 | C9H18 | 050876-33-0 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

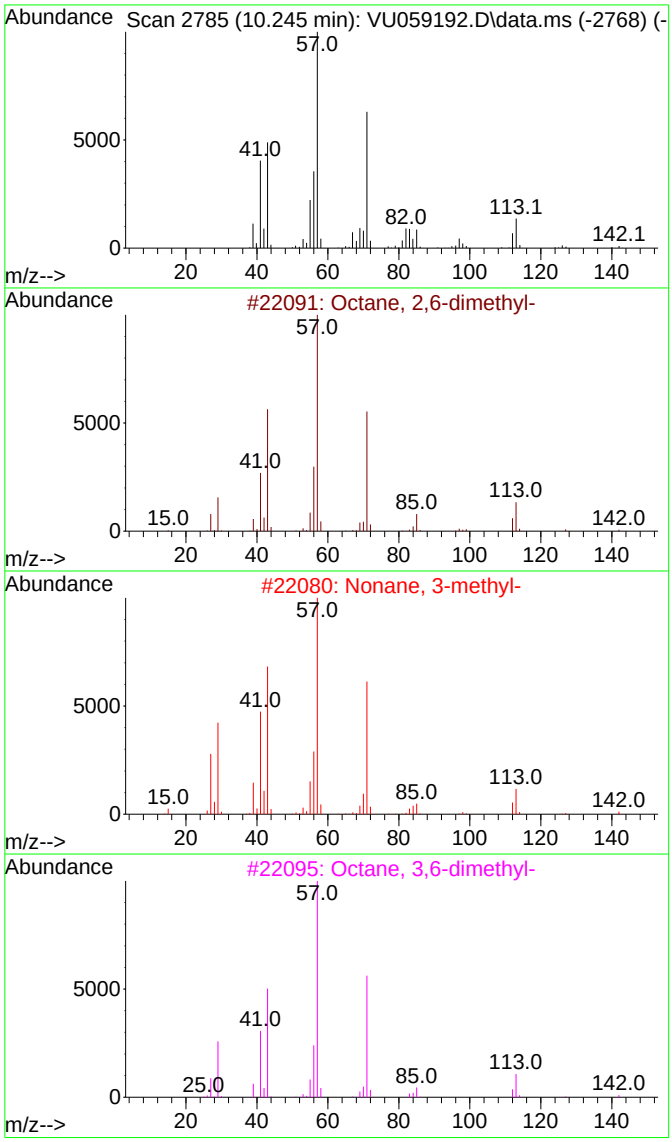
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

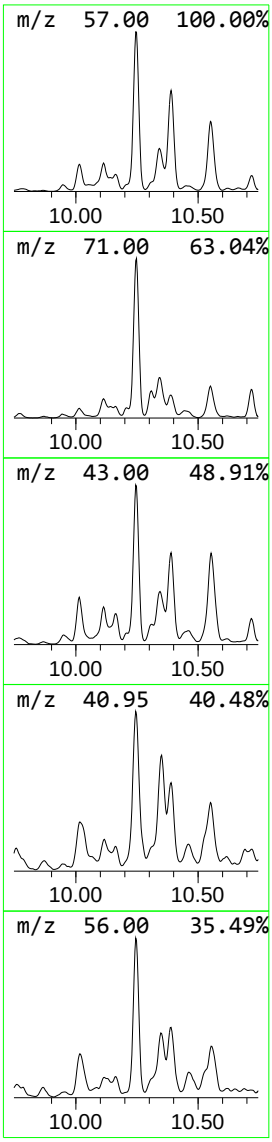
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.245 | 305.31 ug/L | 2576220 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 90 |
| 2 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 87 |
| 3 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 87 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 83 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

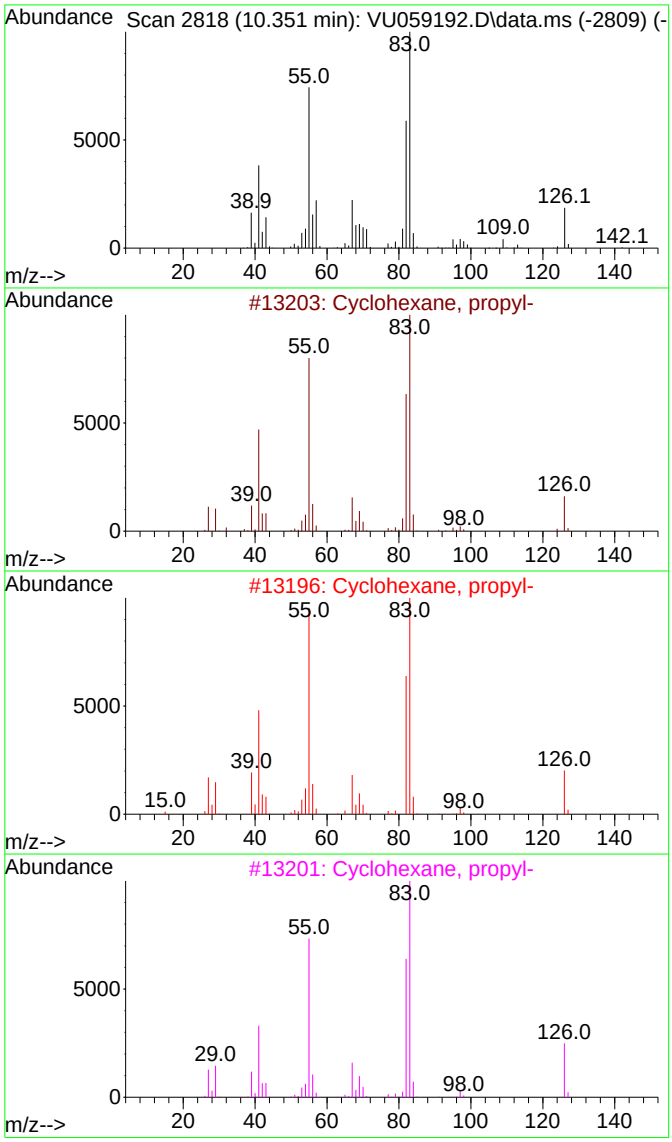
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

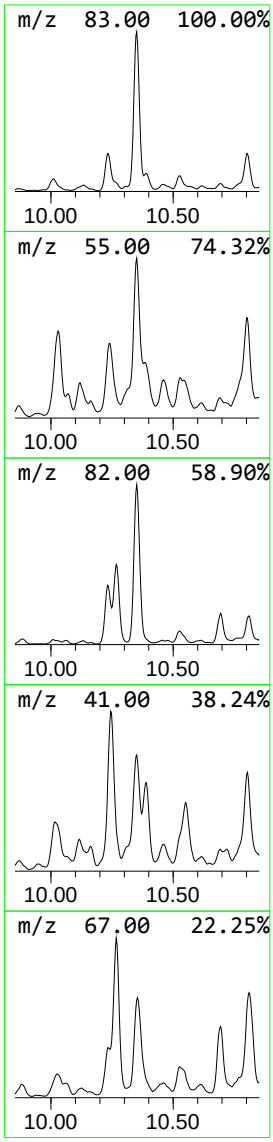
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 (DEL) Alkane: Cyclic10.351 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.351 | 169.39 ug/L | 1429320 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 90 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 87 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 87 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 87 |
| 5 | Cyclohexane, 1,1'-(1,4-butanediy... | 222 | C16H30 | 006165-44-2 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

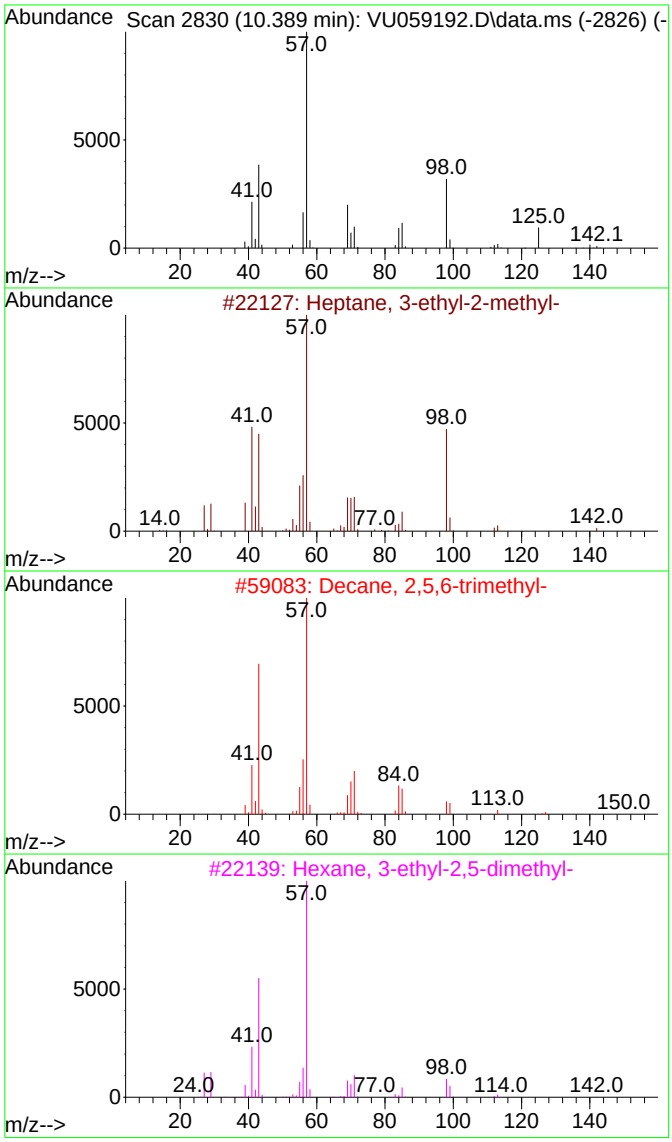
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

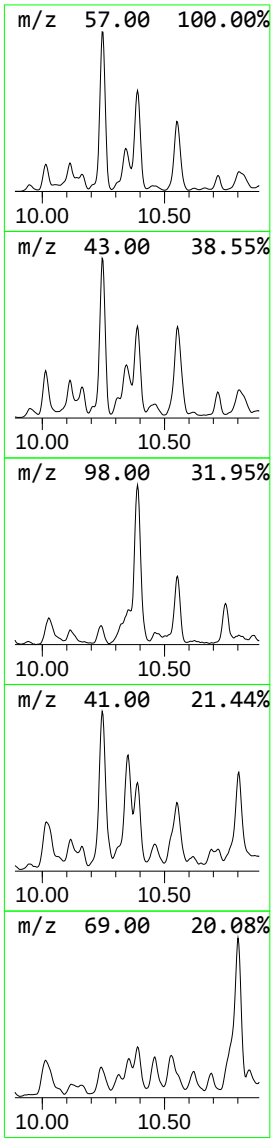
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.389 | 114.14 ug/L | 963099 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 58 |
| 2 | Decane, 2,5,6-trimethyl- | 184 | C13H28 | 062108-23-0 | 47 |
| 3 | Hexane, 3-ethyl-2,5-dimethyl- | 142 | C10H22 | 052897-04-8 | 47 |
| 4 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 42 |
| 5 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 40 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

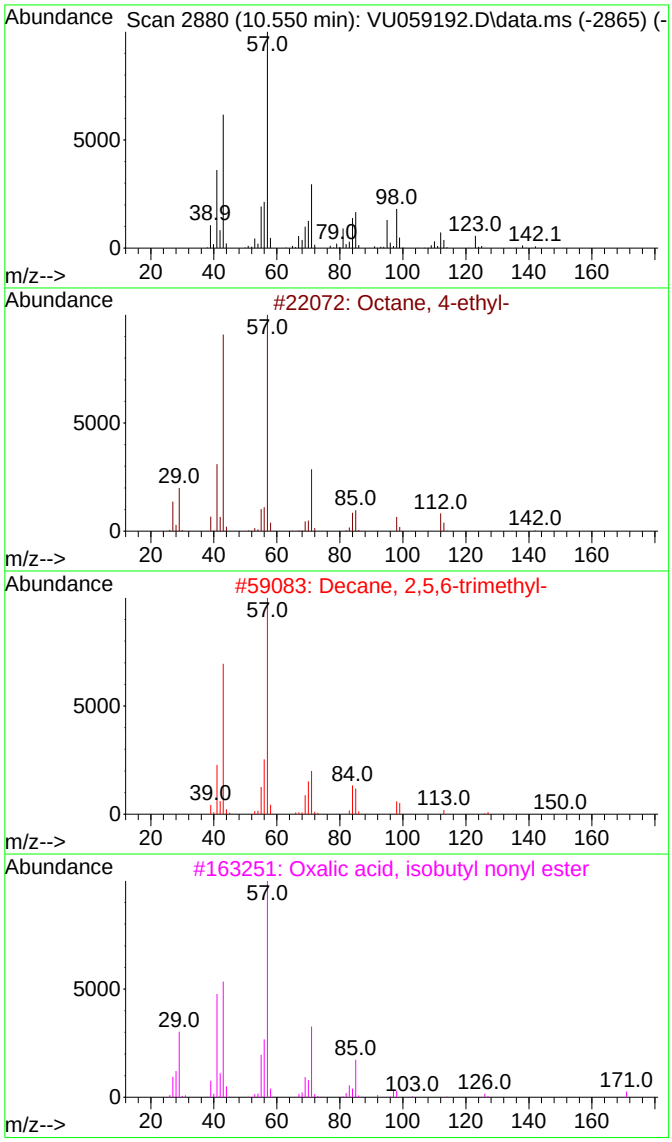
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

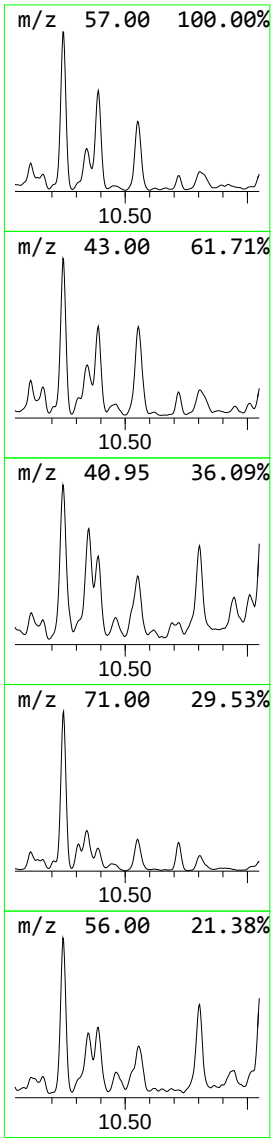
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.550 | 150.67 ug/L | 1271360 | Chlorobenzene-d5 | 9.412 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 4-ethyl- | 142 | C10H22 | 015869-86-0 | 53 |
| 2 | Decane, 2,5,6-trimethyl- | 184 | C13H28 | 062108-23-0 | 50 |
| 3 | Oxalic acid, isobutyl nonyl ester | 272 | C15H28O4 | 1010309-37-4 | 50 |
| 4 | Undecane, 3-methyl- | 170 | C12H26 | 001002-43-3 | 47 |
| 5 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

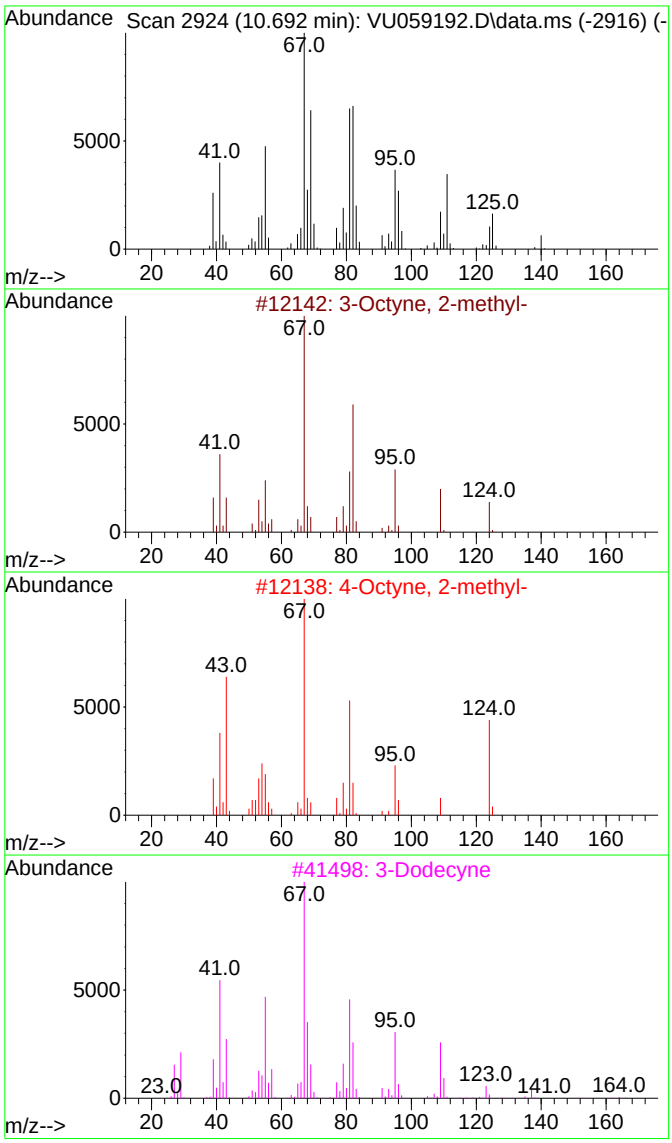
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

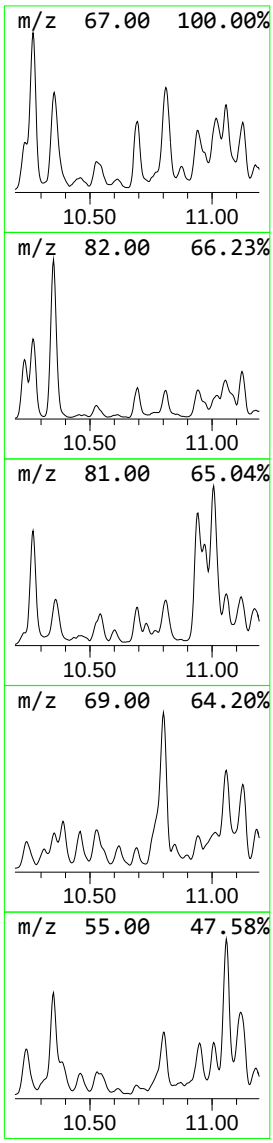
**********

Peak Number 36 3-Octyne, 2-methyl- Concentration Rank 65

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.692 | 16.56 ug/L | 327227 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Octyne, 2-methyl- | 124 | C9H16 | 055402-15-8 | 58 |
| 2 | 4-Octyne, 2-methyl- | 124 | C9H16 | 010306-94-2 | 49 |
| 3 | 3-Dodecyne | 166 | C12H22 | 006790-27-8 | 49 |
| 4 | 1,4-Pentadiene, 2-methyl- | 82 | C6H10 | 000763-30-4 | 43 |
| 5 | 7-Methyl-1,6-octadiene | 124 | C9H16 | 042152-47-6 | 41 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

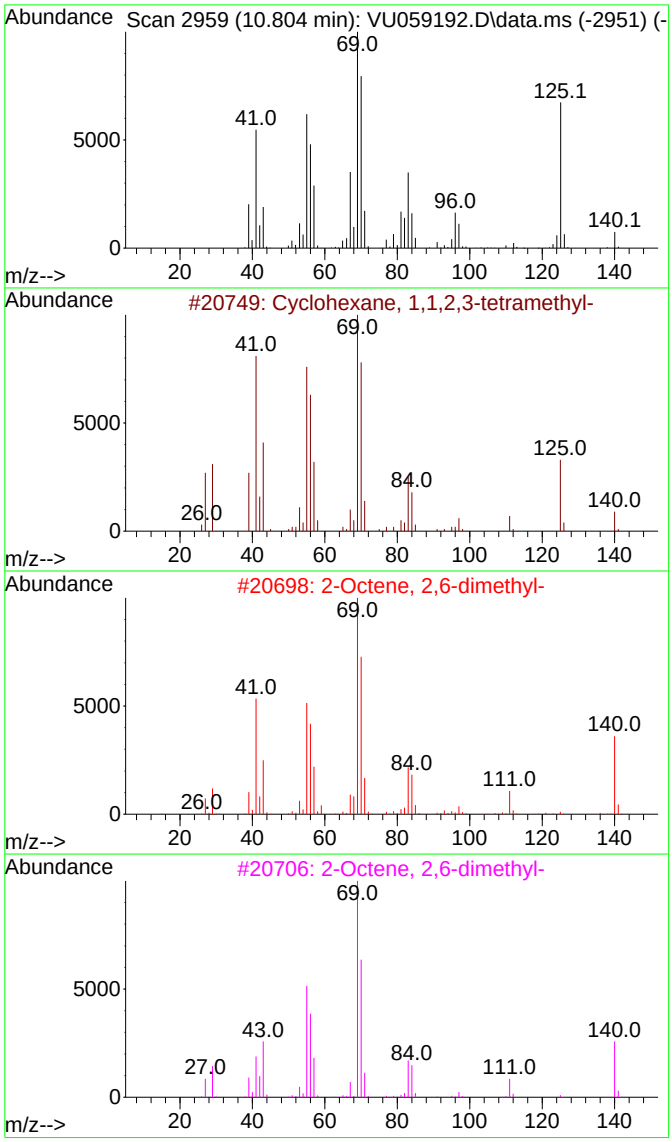
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

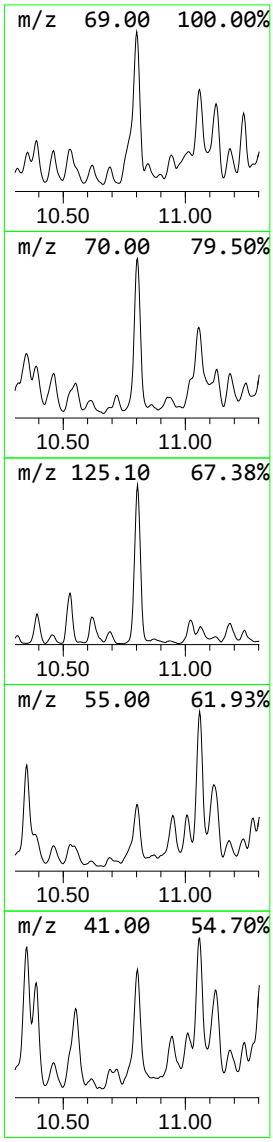
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 (DEL) Alkane: Cyclic10.804 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.804 | 78.23 ug/L | 1546210 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,2,3-tetramethyl- | 140 | C10H20 | 006783-92-2 | 83 |
| 2 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 62 |
| 3 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 58 |
| 4 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 53 |
| 5 | 2-Nonene, 2-methyl- | 140 | C10H20 | 002129-95-5 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

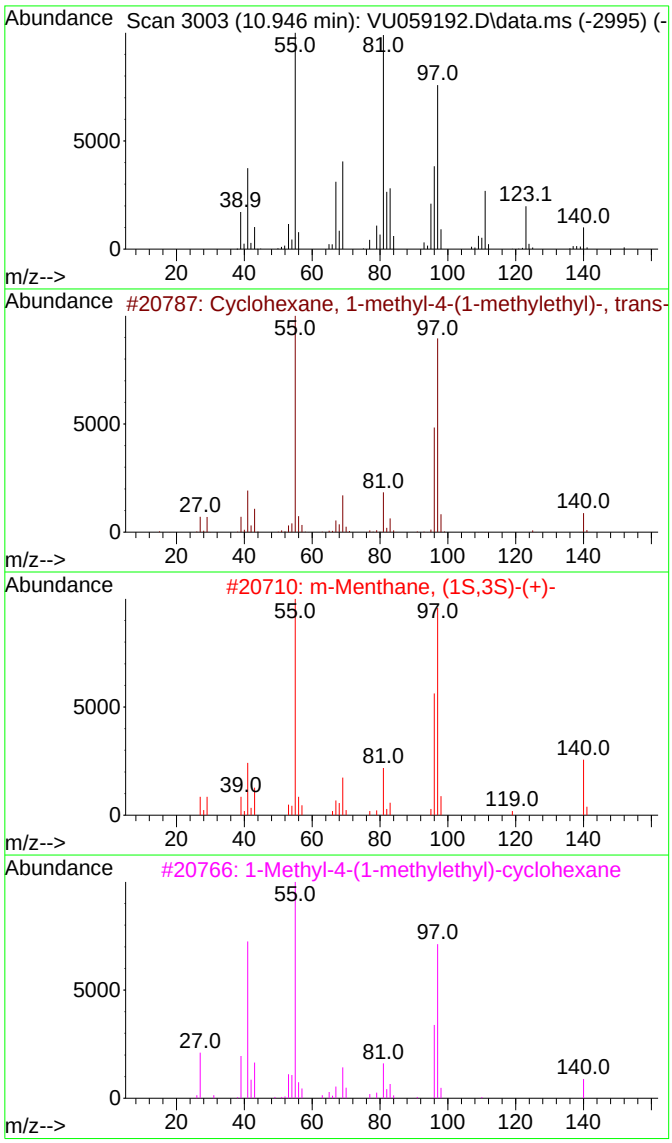
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

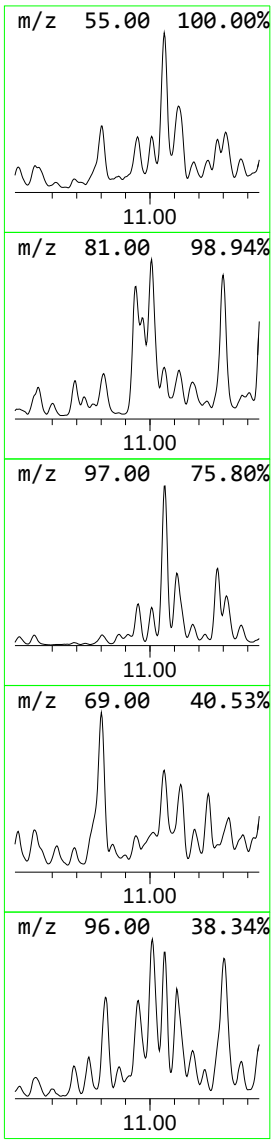
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 (DEL) Alkane: Cyclic10.946 Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.946 | 38.05 ug/L | 752086 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 43 |
| 2 | m-Menthane, (1S,3S)-(+)- | 140 | C10H20 | 013837-67-7 | 43 |
| 3 | 1-Methyl-4-(1-methylethyl)-cyclo... | 140 | C10H20 | 000099-82-1 | 38 |
| 4 | 1-Methyl-4-(1-methylethyl)-cyclo... | 140 | C10H20 | 000099-82-1 | 38 |
| 5 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

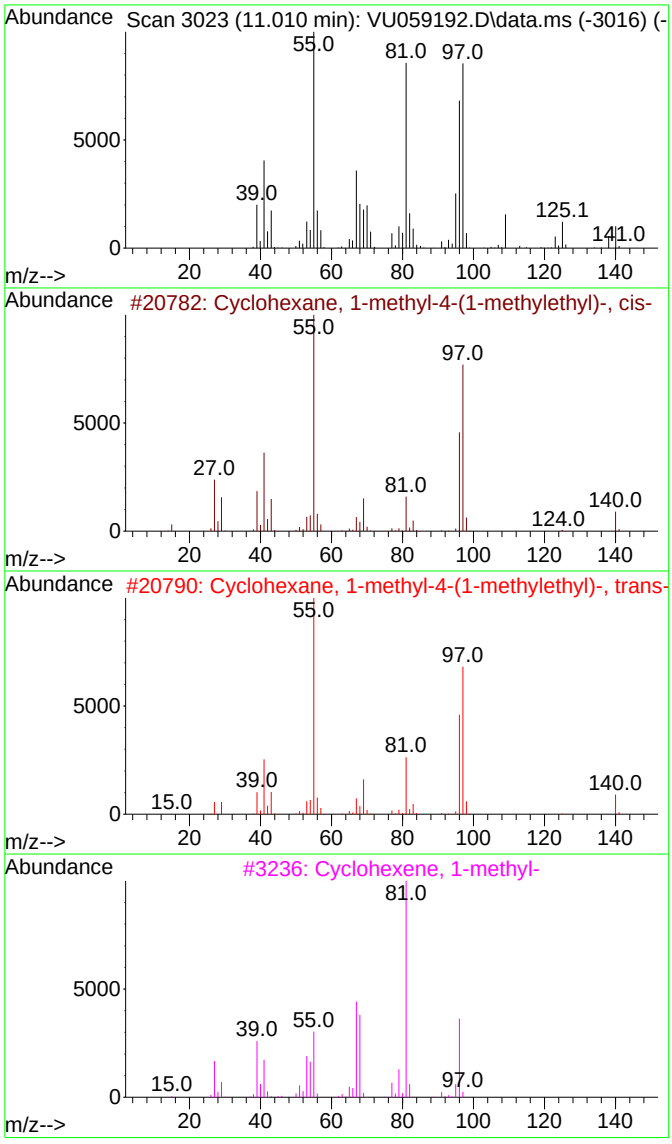
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

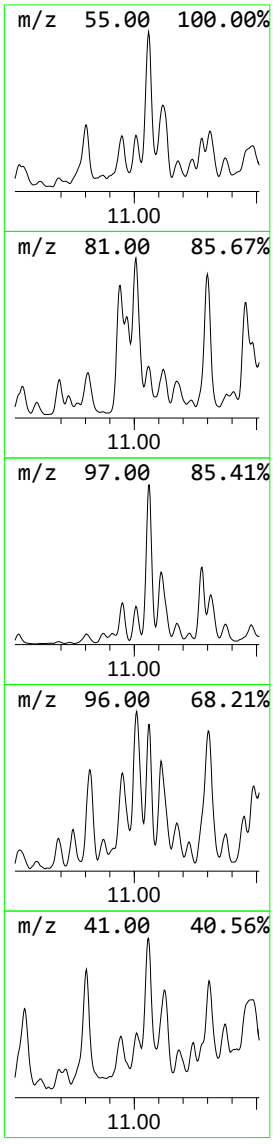
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 (DEL) Alkane: Cyclic11.010 Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.010 | 35.10 ug/L | 693798 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 50 |
| 2 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 46 |
| 3 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 43 |
| 4 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 41 |
| 5 | trans-(2-Ethylcyclopentyl)methanol | 128 | C8H16O | 036258-08-9 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

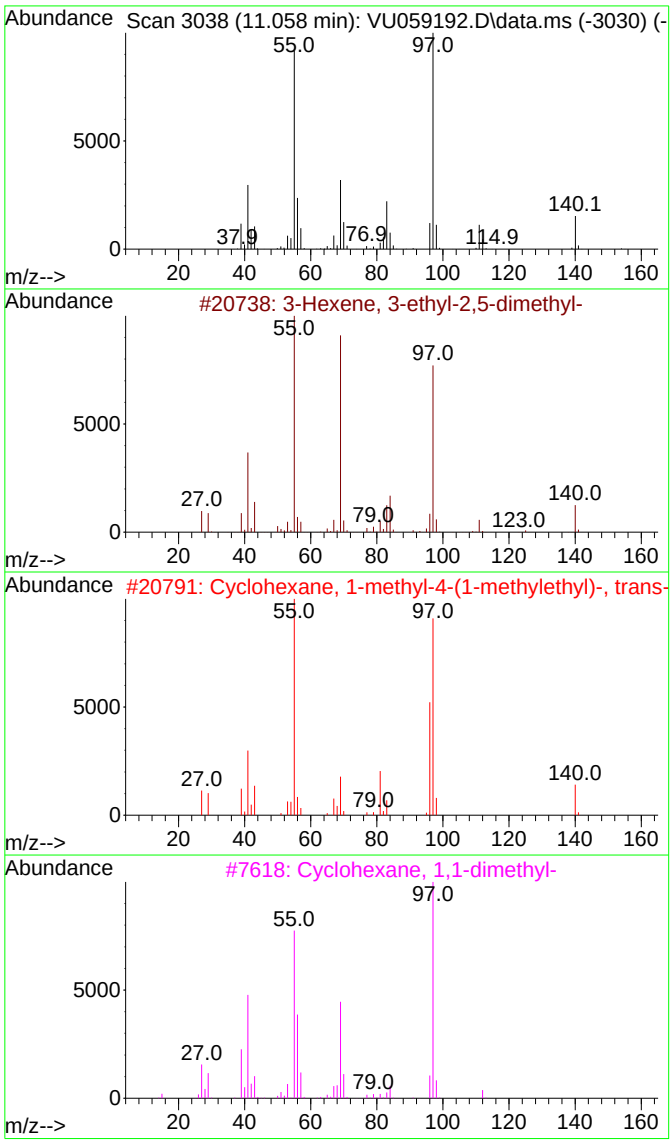
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

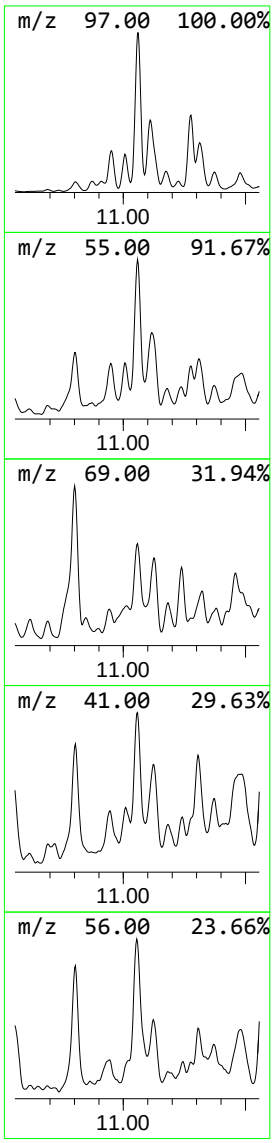
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.058 | 96.62 ug/L | 1909790 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexene, 3-ethyl-2,5-dimethyl- | 140 | C10H20 | 062338-08-3 | 58 |
| 2 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 52 |
| 3 | Cyclohexane, 1,1-dimethyl- | 112 | C8H16 | 000590-66-9 | 52 |
| 4 | Propanedinitrile, cyclohexyl(2-m... | 244 | C16H24N2 | 074764-55-9 | 47 |
| 5 | 4-Propyl-2-hydroxycyclopent-2-en... | 140 | C8H12O2 | 082147-26-0 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

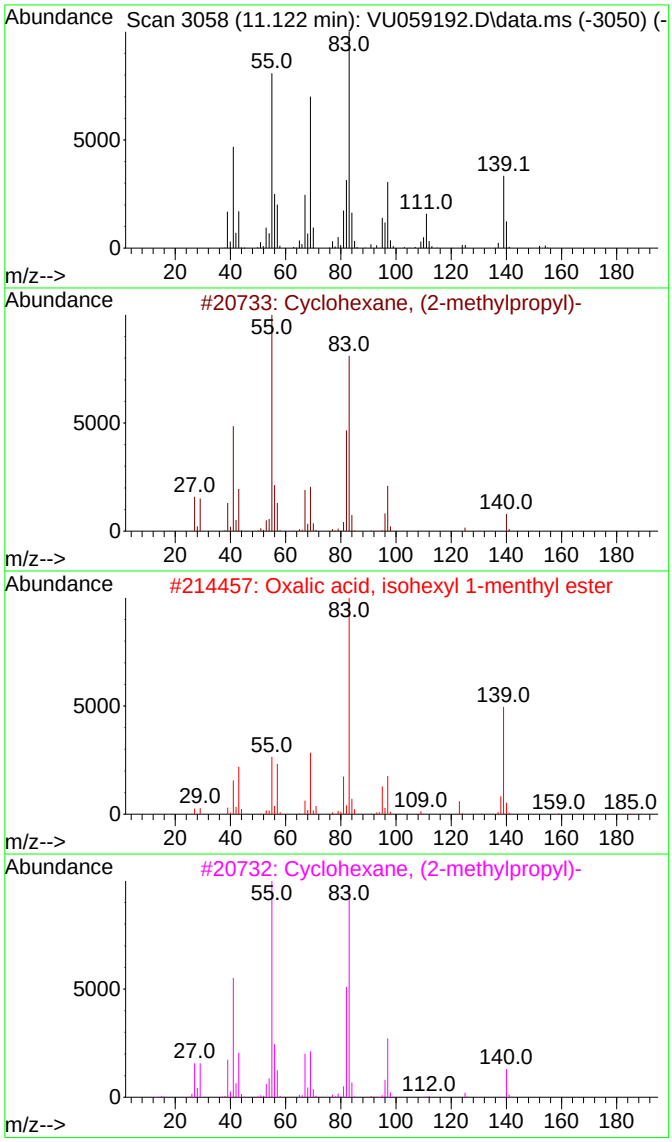
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

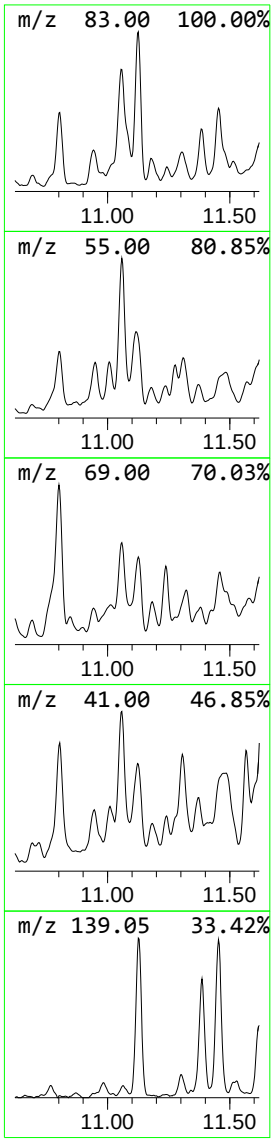
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Cyclic11.122 Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.122 | 69.92 ug/L | 1382120 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 70 |
| 2 | Oxalic acid, isohexyl 1-menthyl ... | 312 | C18H32O4 | 1000314-98-7 | 50 |
| 3 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 50 |
| 4 | Cyclohexane, 1,1'-(1,4-butanediy... | 222 | C16H30 | 006165-44-2 | 50 |
| 5 | Oxalic acid, di(1-menthyl) ester | 366 | C22H38O4 | 1010314-98-6 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

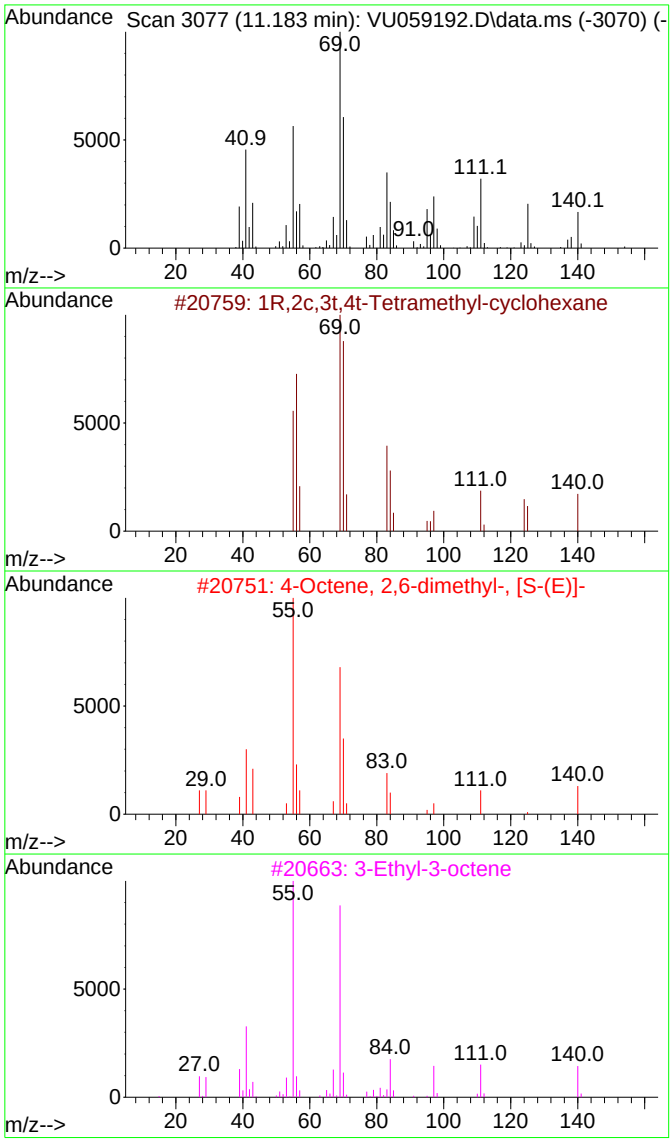
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

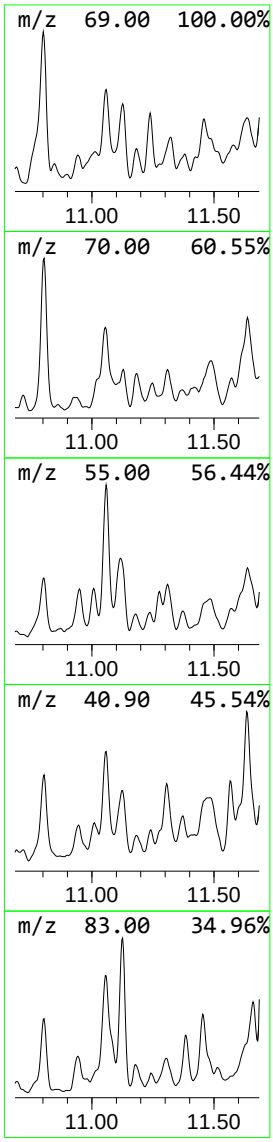
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Cyclic11.184 Concentration Rank 64

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.184 | 17.02 ug/L | 336392 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1R,2c,3t,4t-Tetramethyl-cyclohexane | 140 | C10H20 | 1000144-07-3 | 70 |
| 2 | 4-Octene, 2,6-dimethyl-, [S-(E)]- | 140 | C10H20 | 062960-76-3 | 52 |
| 3 | 3-Ethyl-3-octene | 140 | C10H20 | 019781-31-8 | 52 |
| 4 | 3-Octene, 4-ethyl- | 140 | C10H20 | 053966-51-1 | 52 |
| 5 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 49 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

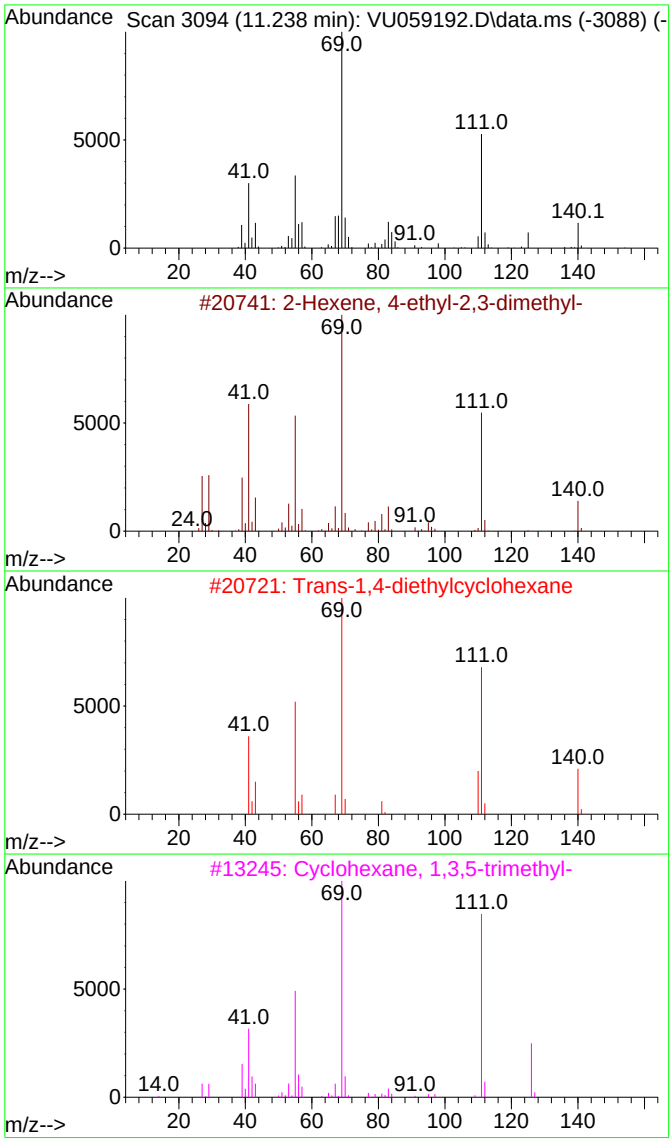
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

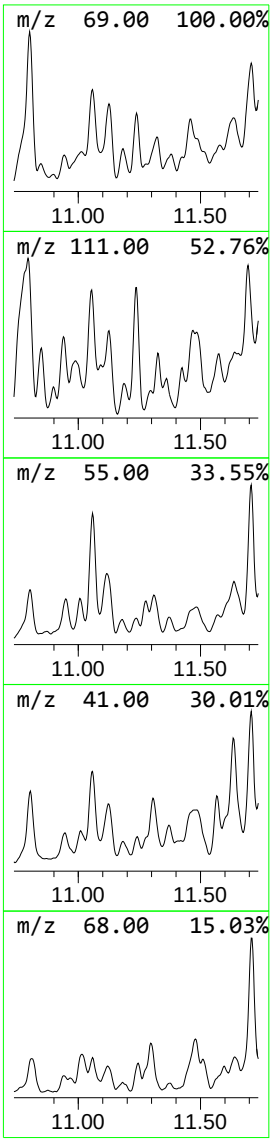
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.238 | 14.58 ug/L | 288223 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexene, 4-ethyl-2,3-dimethyl- | 140 | C10H20 | 1000149-19-7 | 72 |
| 2 | Trans-1,4-diethylcyclohexane | 140 | C10H20 | 013990-93-7 | 72 |
| 3 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 64 |
| 4 | 6-Methyl-hept-2-yn-4-ol | 126 | C8H14O | 060018-69-1 | 64 |
| 5 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

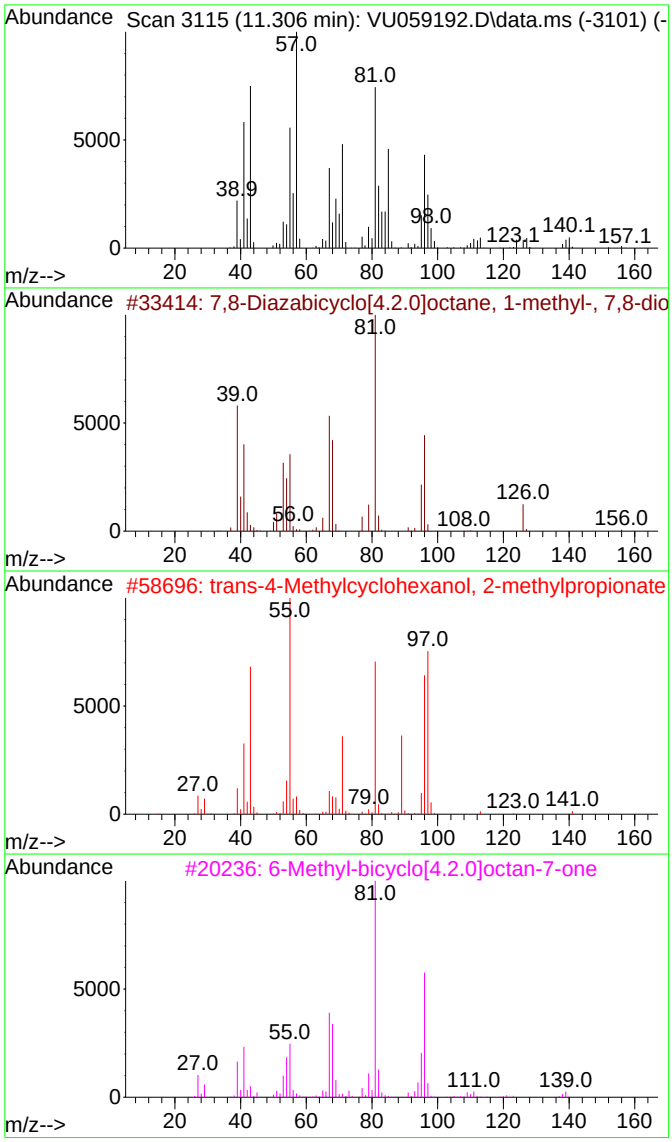
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

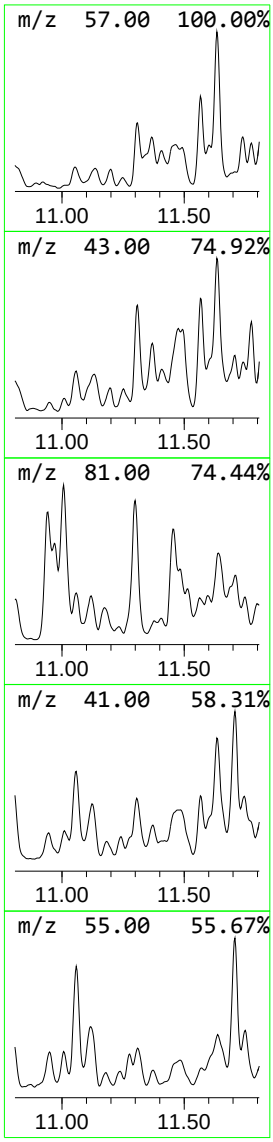
**********

Peak Number 45 unknown-02 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.306 | 70.62 ug/L | 1395870 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7,8-Diazabicyclo[4.2.0]octane, 1... | 156 | C7H12N2O2 | 169522-32-1 | 49 |
| 2 | trans-4-Methylcyclohexanol, 2-me... | 184 | C11H20O2 | 1000447-34-1 | 47 |
| 3 | 6-Methyl-bicyclo[4.2.0]octan-7-one | 138 | C9H14O | 1010193-87-2 | 46 |
| 4 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 45 |
| 5 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

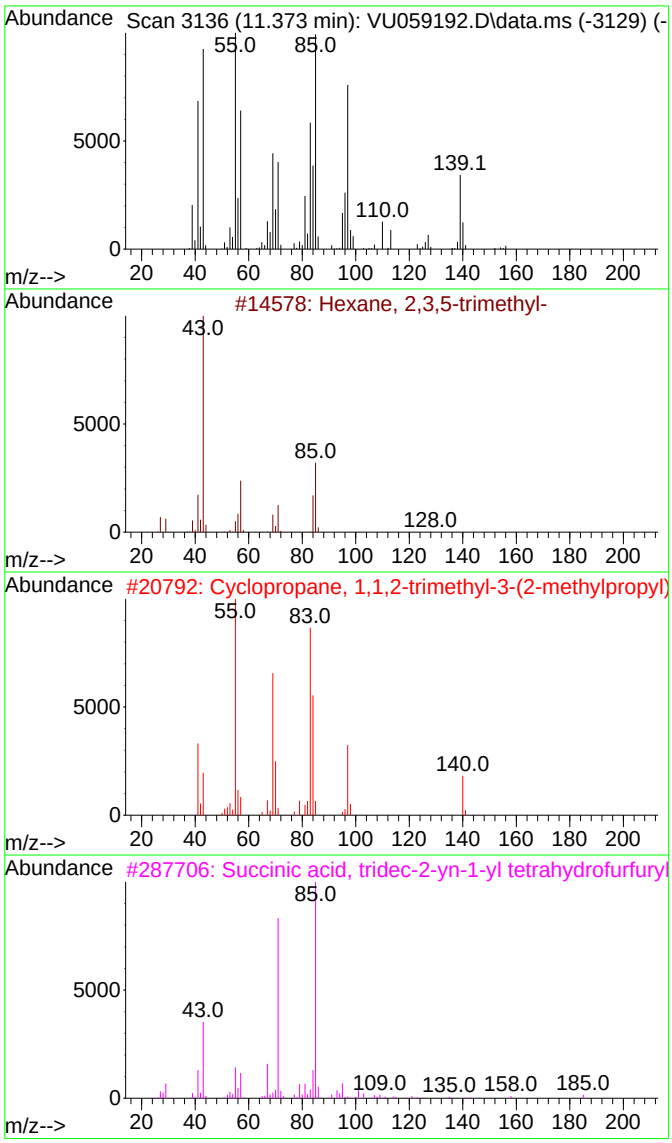
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

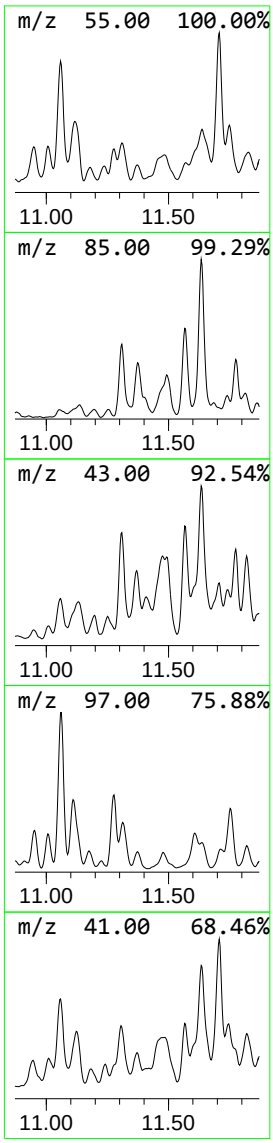
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 63

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.373 | 17.19 ug/L | 339769 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,3,5-trimethyl- | 128 | C9H20 | 001069-53-0 | 35 |
| 2 | Cyclopropane, 1,1,2-trimethyl-3-... | 140 | C10H20 | 041977-43-9 | 30 |
| 3 | Succinic acid, tridec-2-yn-1-yl ... | 380 | C22H36O5 | 1000390-72-9 | 27 |
| 4 | Undecane, 4,4-dimethyl- | 184 | C13H28 | 017312-68-4 | 27 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

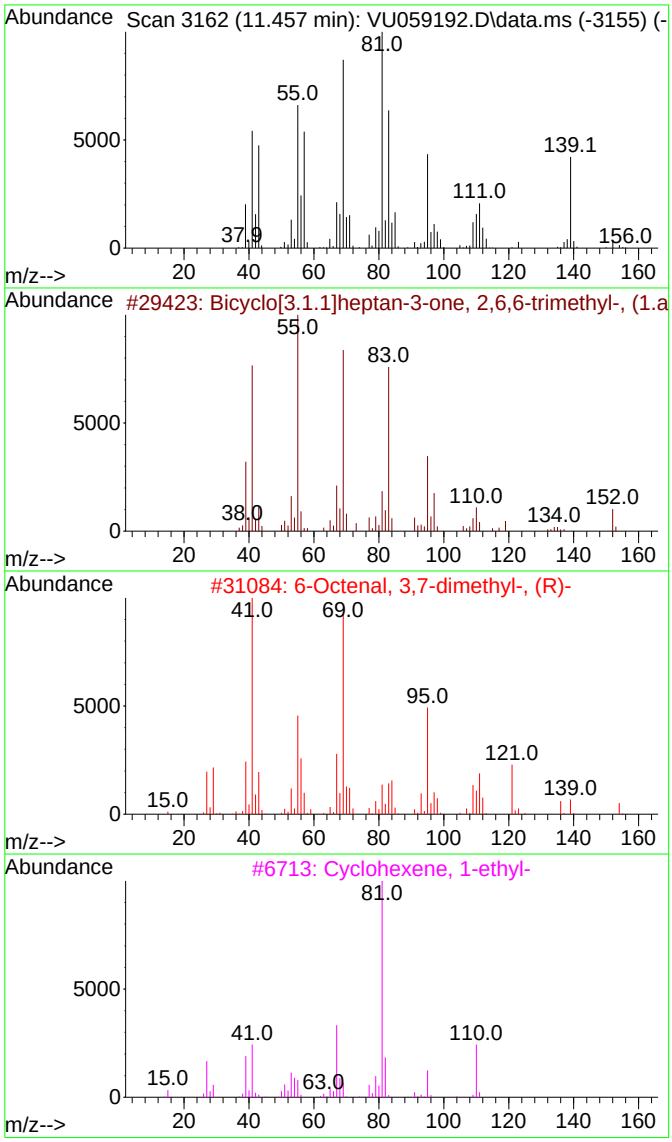
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

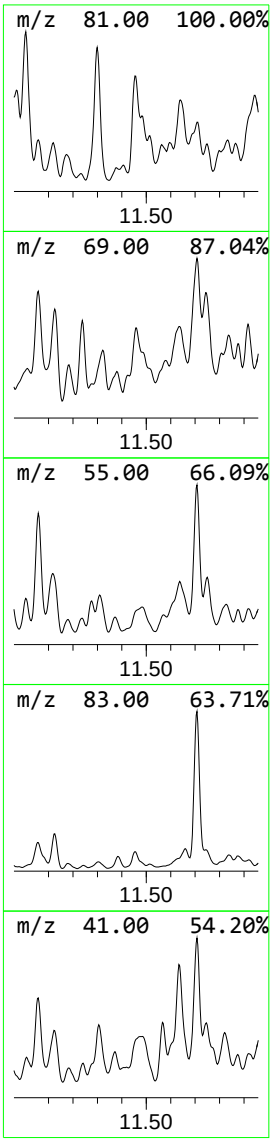
**********

Peak Number 47 unknown-03 Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.457 | 30.81 ug/L | 608899 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 015358-88-0 | 41 |
| 2 | 6-Octenal, 3,7-dimethyl-, (R)- | 154 | C10H18O | 002385-77-5 | 38 |
| 3 | Cyclohexene, 1-ethyl- | 110 | C8H14 | 001453-24-3 | 18 |
| 4 | 4-Ethylcyclohexene | 110 | C8H14 | 003742-42-5 | 18 |
| 5 | Methanone, dicyclopropyl- | 110 | C7H10O | 001121-37-5 | 18 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

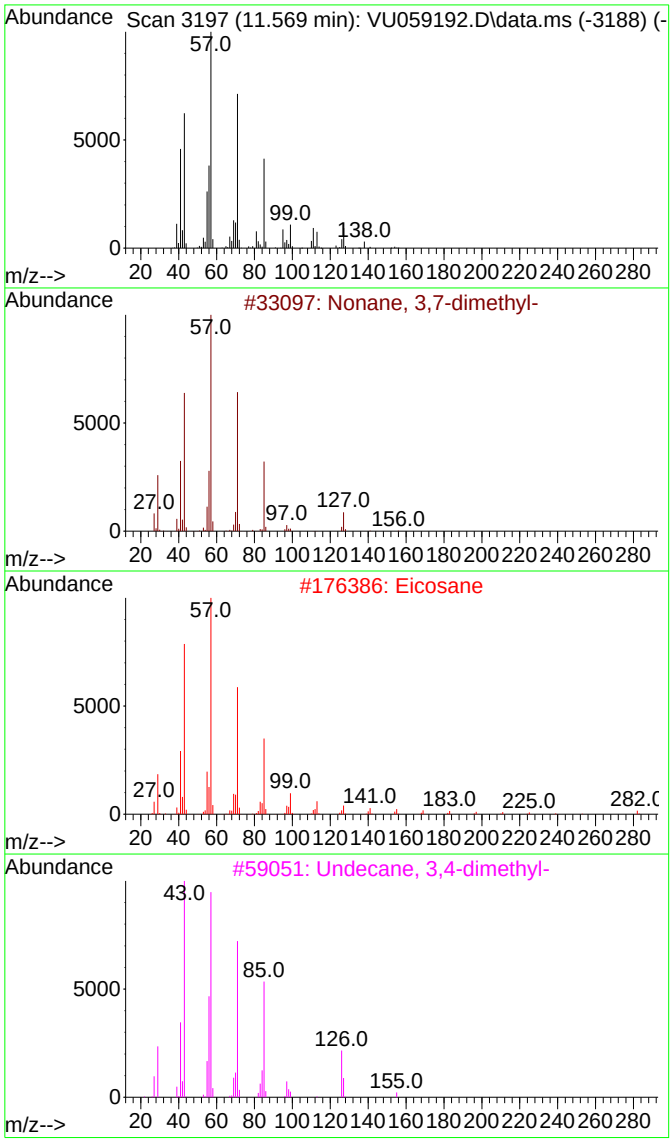
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

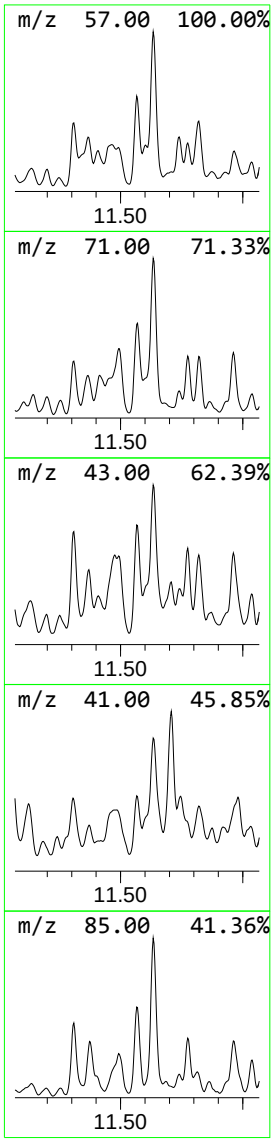
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.569 | 48.33 ug/L | 955330 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 87 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 59 |
| 3 | Undecane, 3,4-dimethyl- | 184 | C13H28 | 017312-78-6 | 59 |
| 4 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 50 |
| 5 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

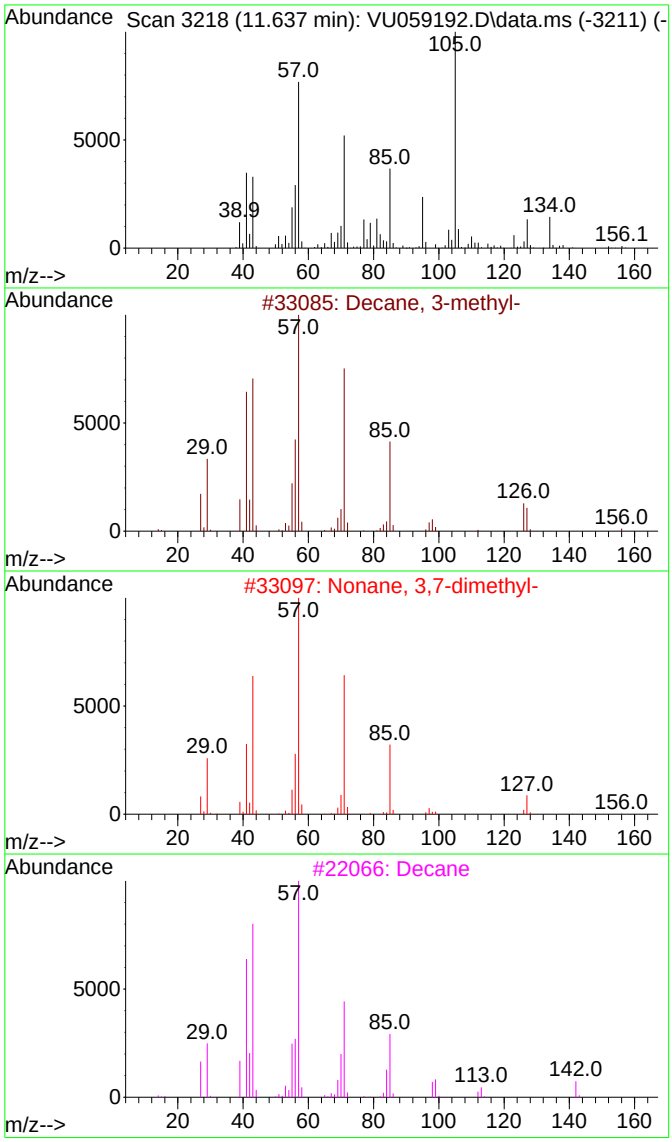
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

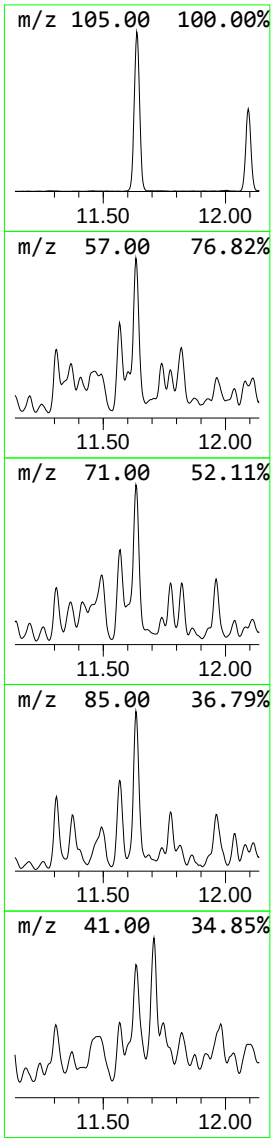
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.637 | 117.47 ug/L | 2321970 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 58 |
| 2 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 43 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 38 |
| 4 | Heptadecane, 8-methyl- | 254 | C18H38 | 013287-23-5 | 38 |
| 5 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

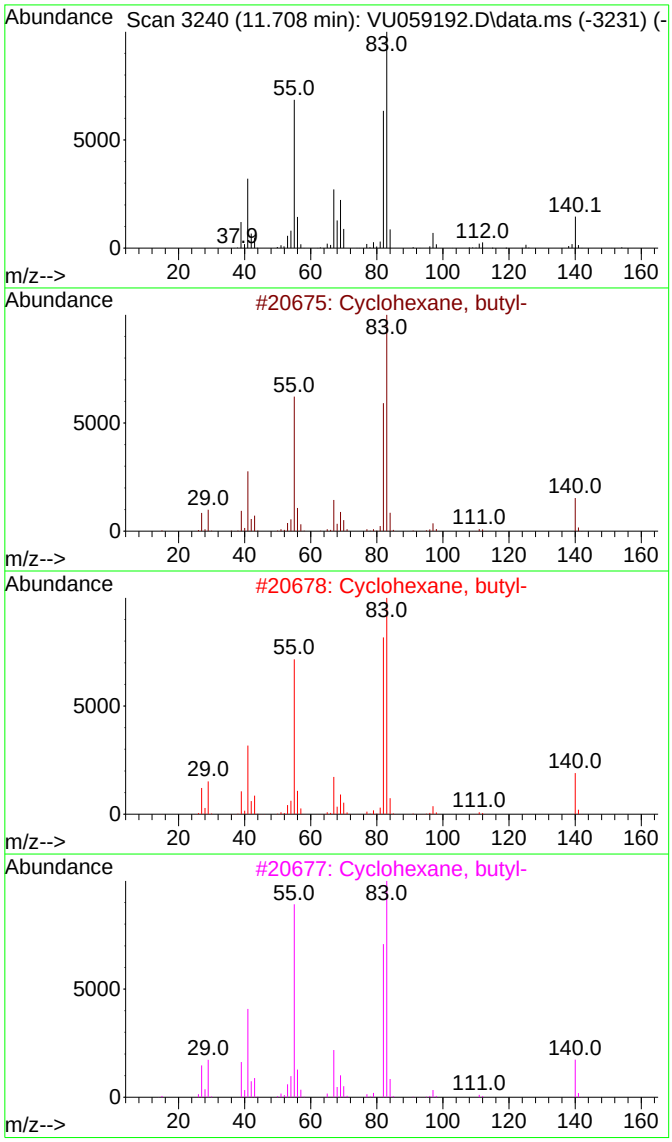
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

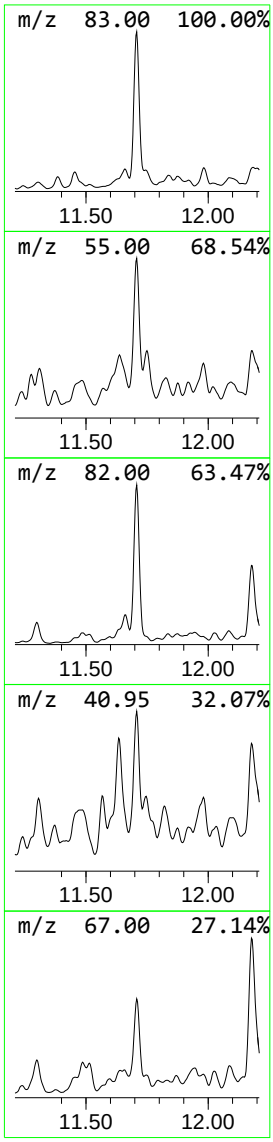
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 (DEL) Alkane: Cyclic11.708 Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.708 | 108.97 ug/L | 2153900 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 90 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 87 |
| 3 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 86 |
| 4 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 80 |
| 5 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

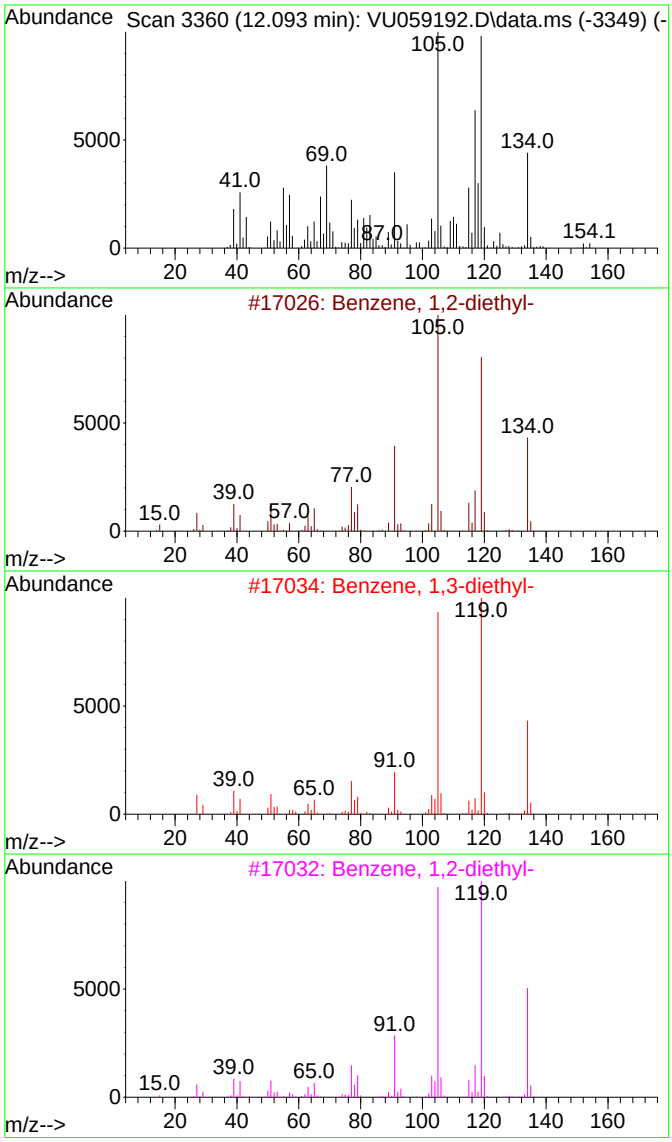
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

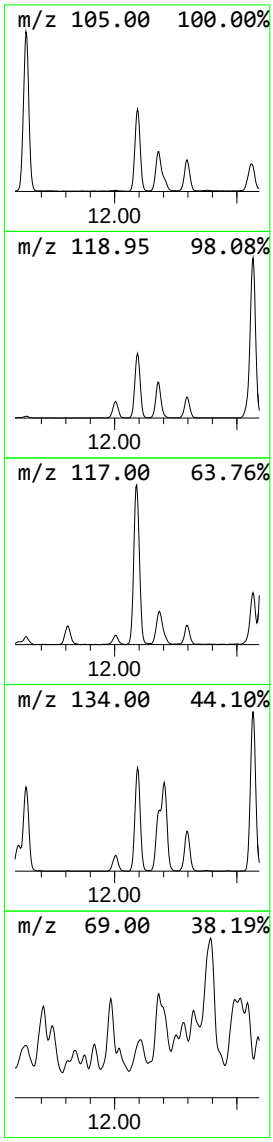
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 Benzene, 1,2-diethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.093 | 102.86 ug/L | 2033030 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 95 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 60 |
| 3 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 60 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 60 |
| 5 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

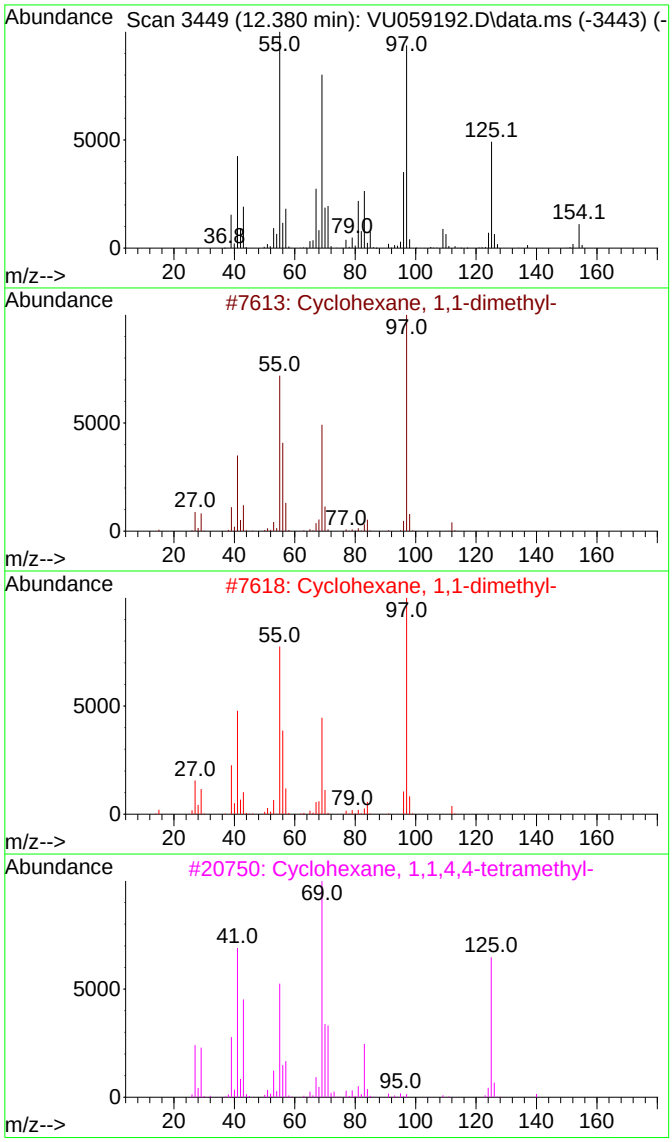
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

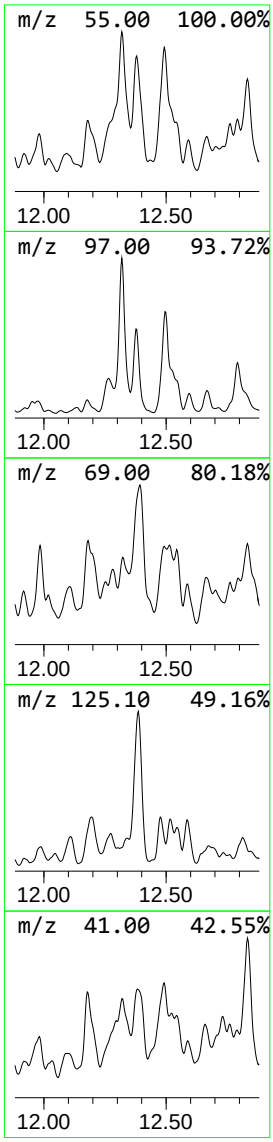
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 (DEL) Alkane: Cyclic12.380 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.380 | 139.16 ug/L | 2750740 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1-dimethyl- | 112 | C8H16 | 000590-66-9 | 47 |
| 2 | Cyclohexane, 1,1-dimethyl- | 112 | C8H16 | 000590-66-9 | 47 |
| 3 | Cyclohexane, 1,1,4,4-tetramethyl- | 140 | C10H20 | 002223-52-1 | 38 |
| 4 | Cyclopentanecarboxylic acid, 6-e... | 254 | C16H30O2 | 1000282-59-2 | 37 |
| 5 | Cyclohexane, 2,4-diethyl-1-methyl- | 154 | C11H22 | 061142-70-9 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

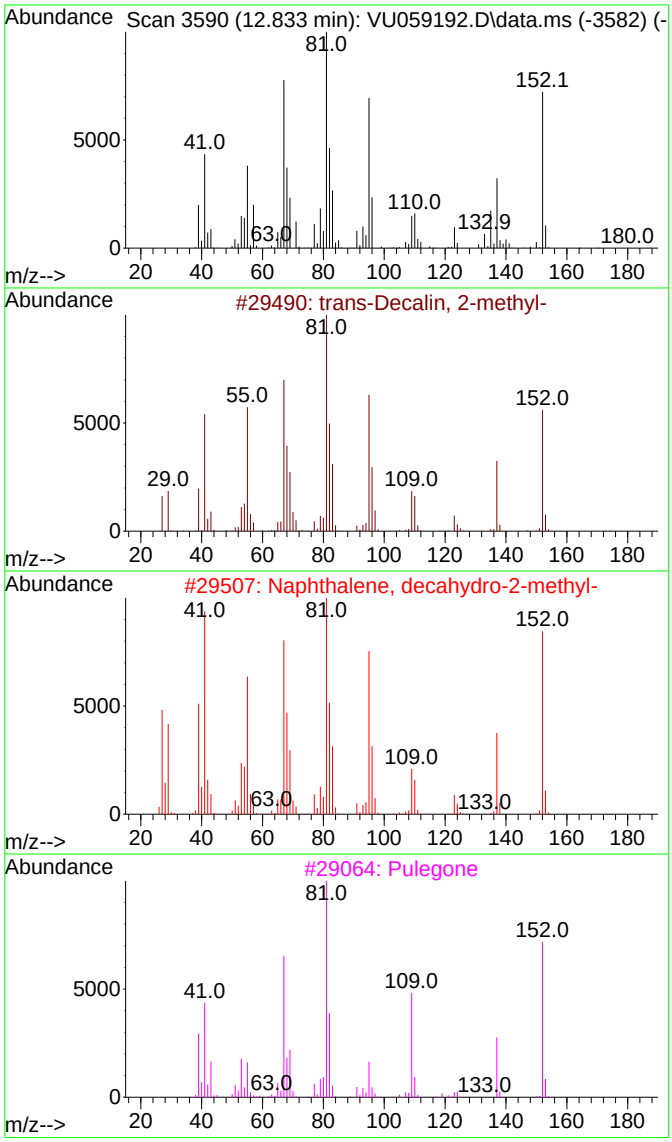
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

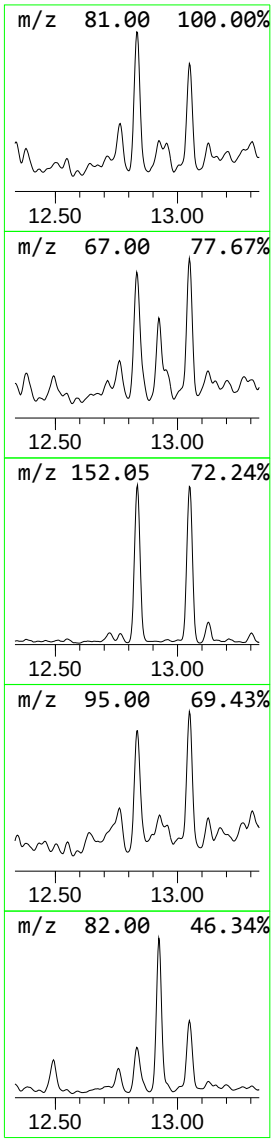
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 trans-Decalin, 2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.833 | 262.57 ug/L | 5189920 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-Decalin, 2-methyl- | 152 | C11H20 | 1000152-47-3 | 97 |
| 2 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 95 |
| 3 | Pulegone | 152 | C10H16O | 000089-82-7 | 90 |
| 4 | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6 | 81 |
| 5 | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

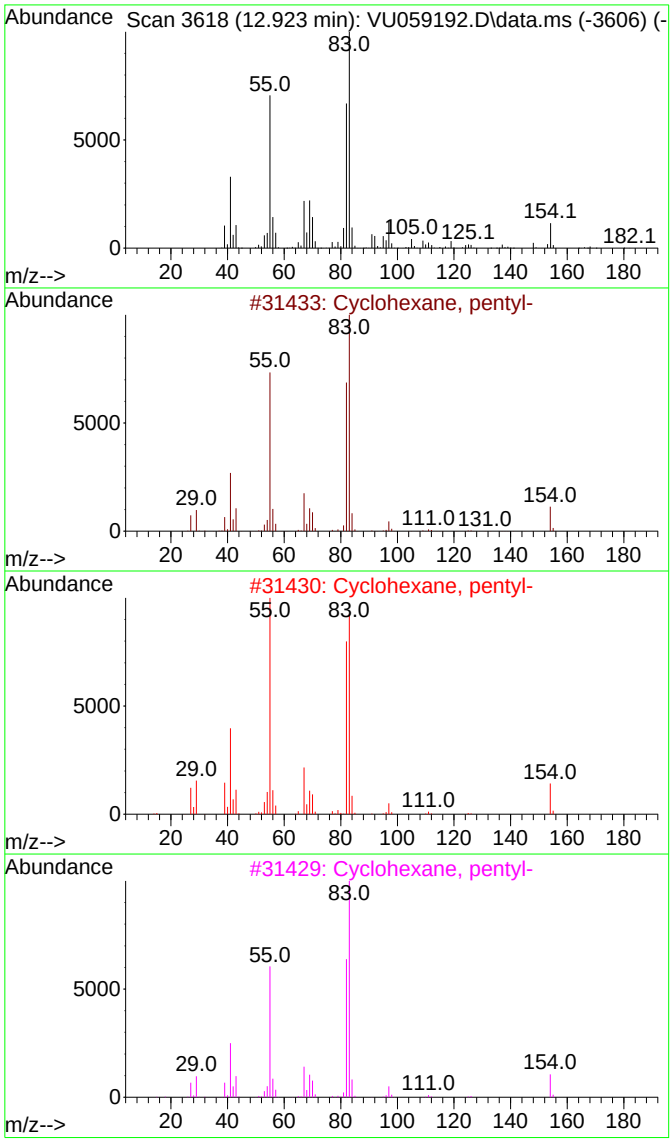
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

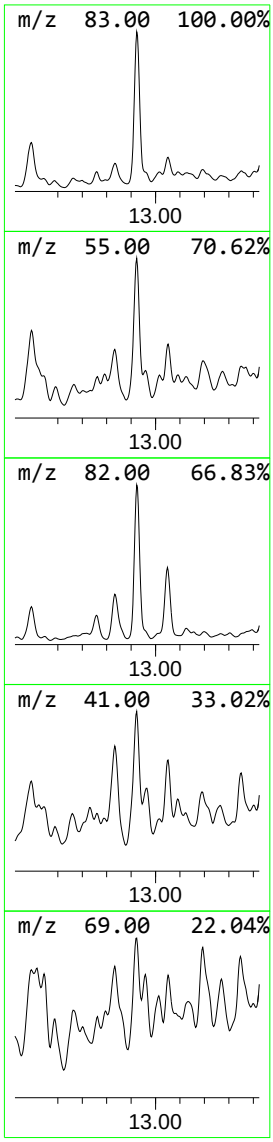
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 (DEL) Alkane: Cyclic12.923 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.923 | 264.38 ug/L | 5225660 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 87 |
| 2 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 83 |
| 3 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 81 |
| 4 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 72 |
| 5 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 68 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

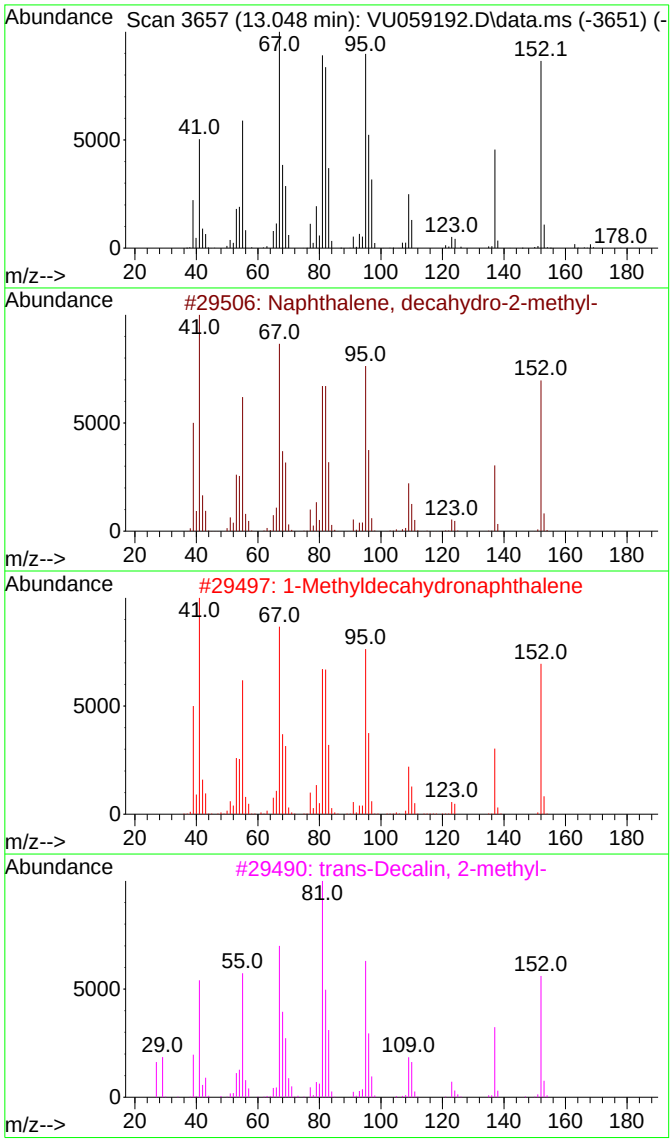
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

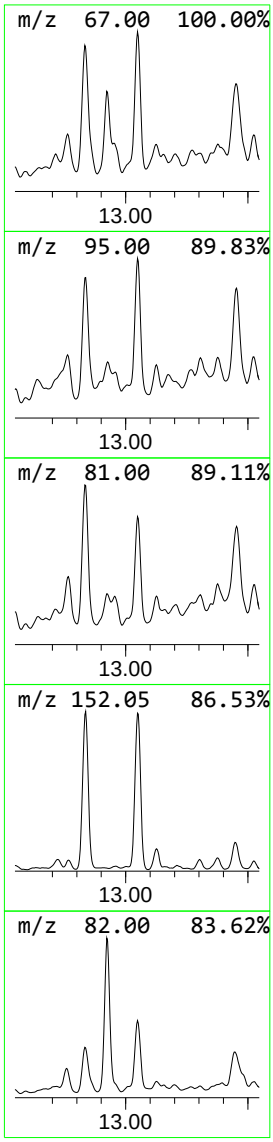
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 Naphthalene, decahydro-2-me... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.048 | 111.26 ug/L | 2199070 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 96 |
| 2 | 1-Methyldecahydronaphthalene | 152 | C11H20 | 002958-75-0 | 94 |
| 3 | trans-Decalin, 2-methyl- | 152 | C11H20 | 1000152-47-3 | 89 |
| 4 | cis-Decalin, 2-syn-methyl- | 152 | C11H20 | 1000155-85-6 | 81 |
| 5 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

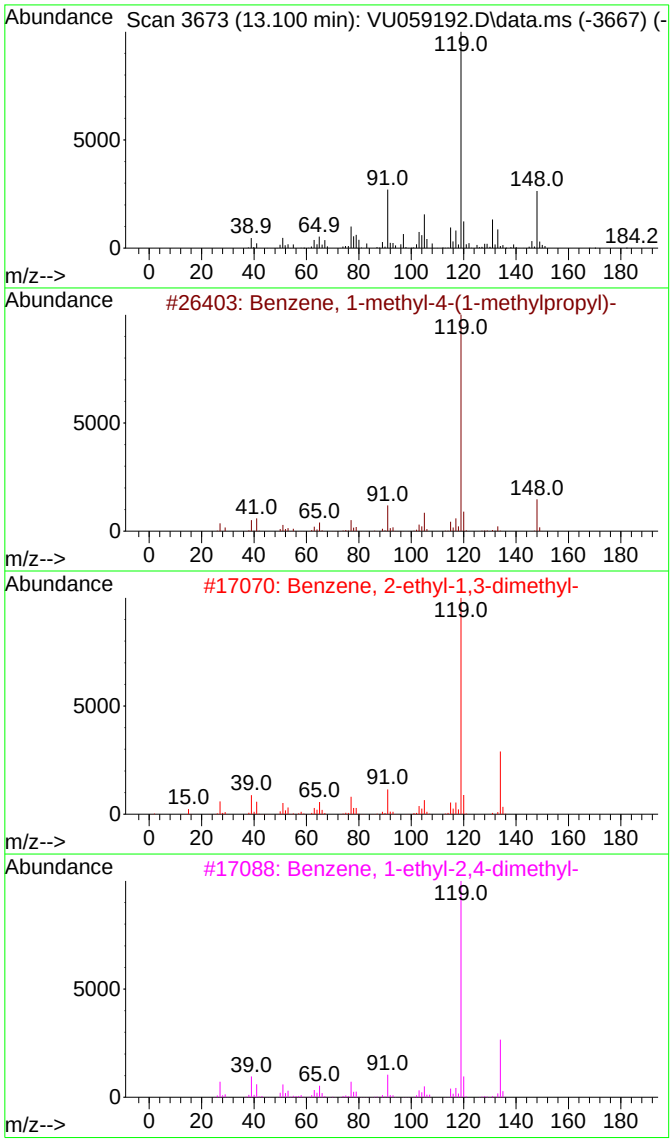
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

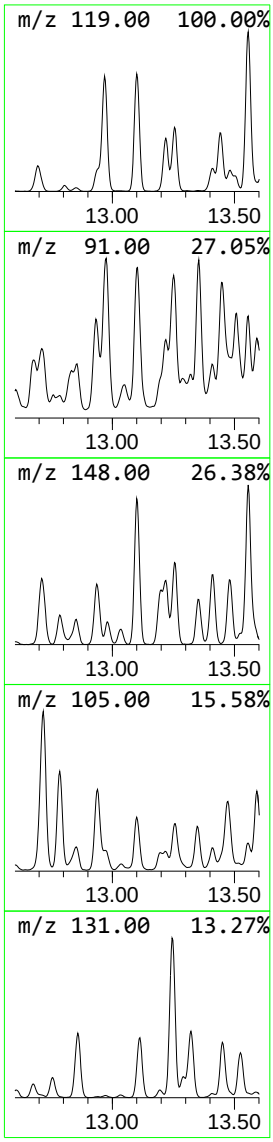
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.100 | 123.41 ug/L | 2439350 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 90 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 76 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 76 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 76 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 68 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

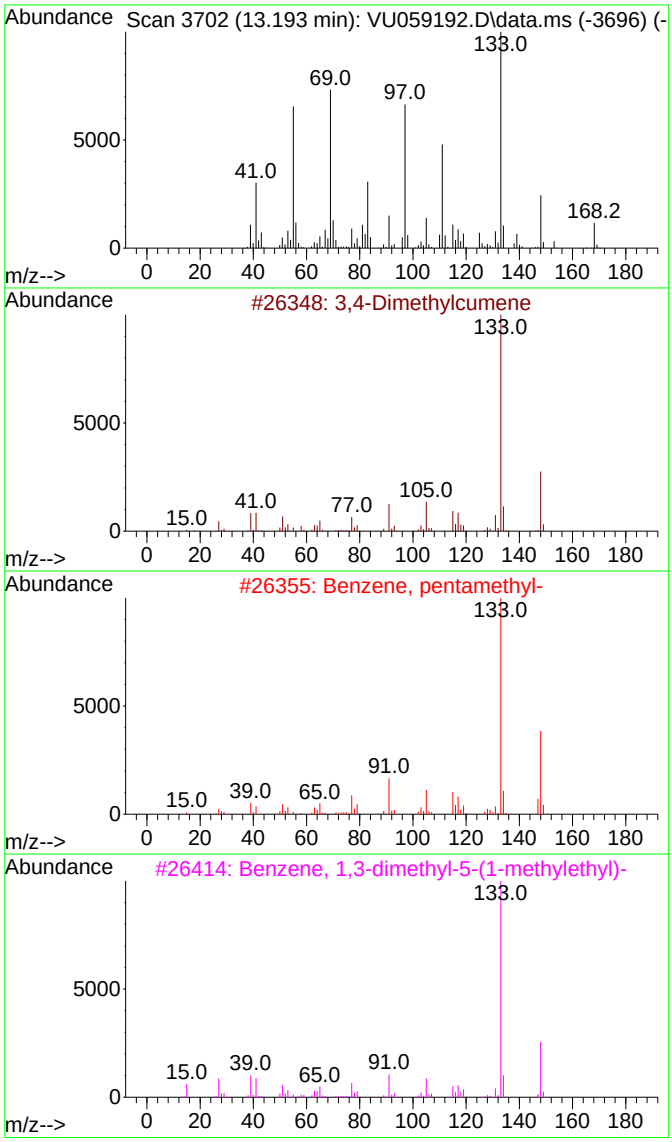
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

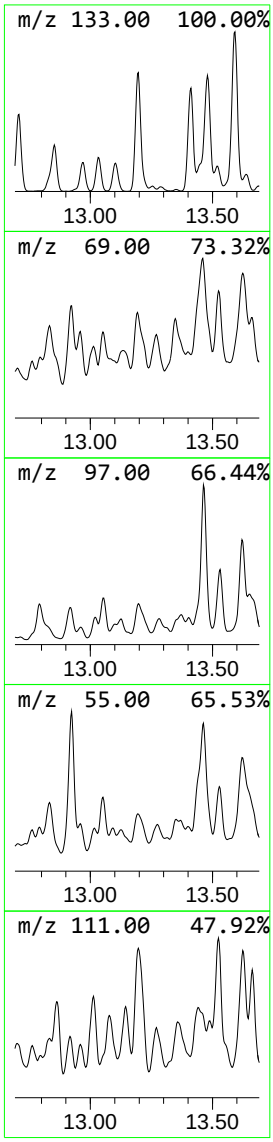
**********

Peak Number 57 3,4-Dimethylcumene Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.193 | 53.88 ug/L | 1064990 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 70 |
| 2 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 38 |
| 3 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 38 |
| 4 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 38 |
| 5 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

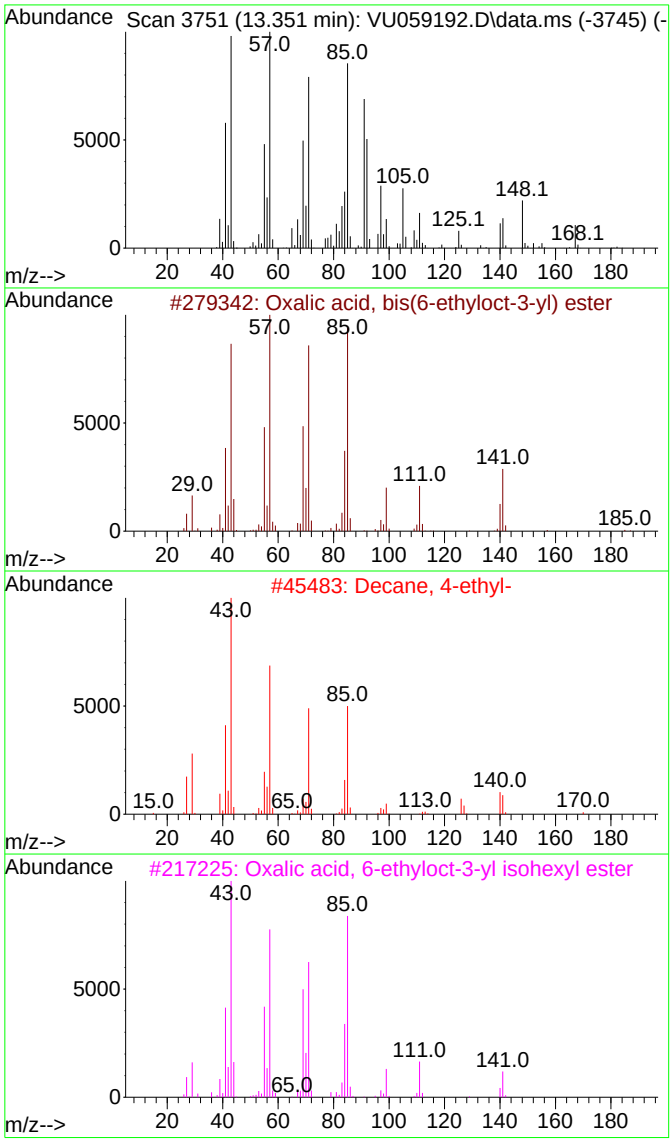
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

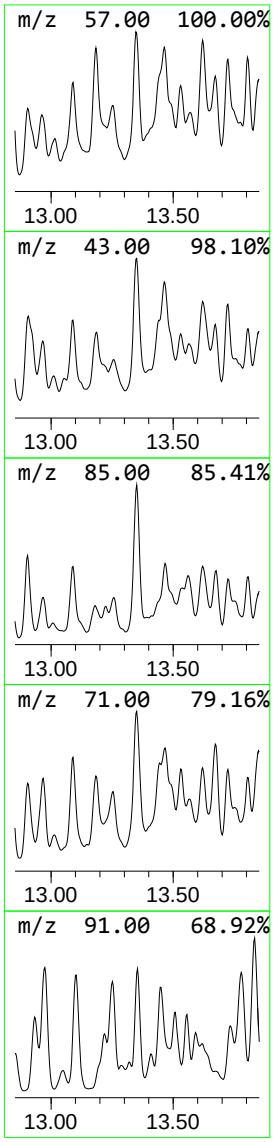
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 Oxalic acid, bis(6-ethyloct... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.351 | 70.75 ug/L | 1398500 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, bis(6-ethyloct-3-yl... | 370 | C22H42O4 | 1000309-34-6 | 70 |
| 2 | Decane, 4-ethyl- | 170 | C12H26 | 001636-44-8 | 50 |
| 3 | Oxalic acid, 6-ethyloct-3-yl iso... | 314 | C18H34O4 | 1000309-34-3 | 49 |
| 4 | Oxalic acid, 6-ethyloct-3-yl hex... | 314 | C18H34O4 | 1000309-34-4 | 49 |
| 5 | Octane, 2,4,6-trimethyl- | 156 | C11H24 | 062016-37-9 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

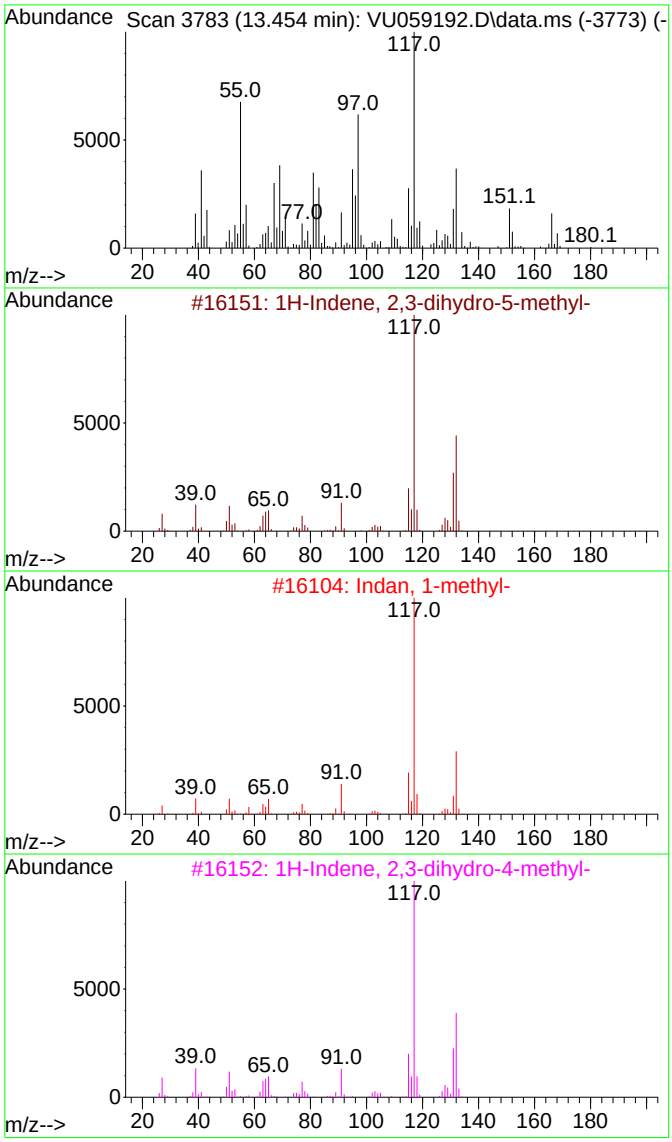
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

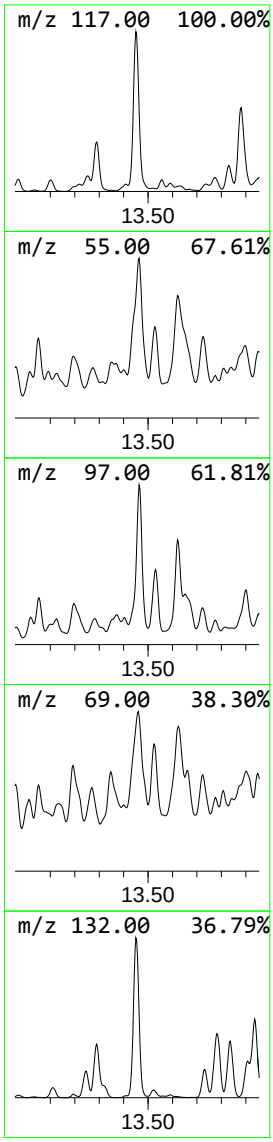
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 59 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.454 | 389.51 ug/L | 7699050 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 89 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 86 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 50 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 46 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

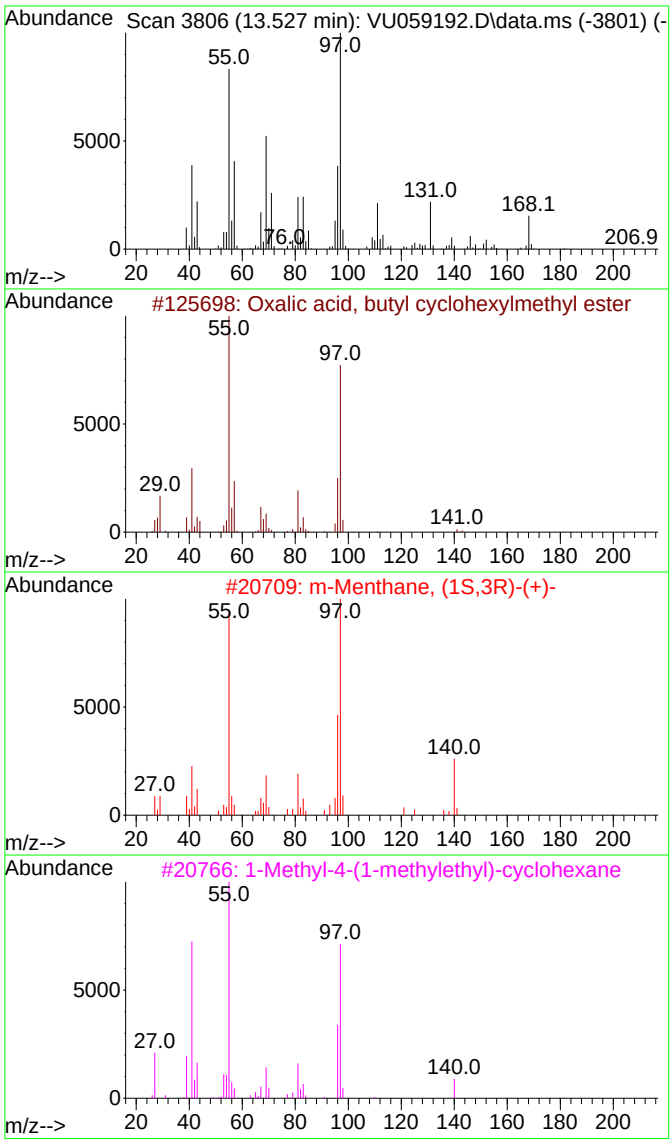
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

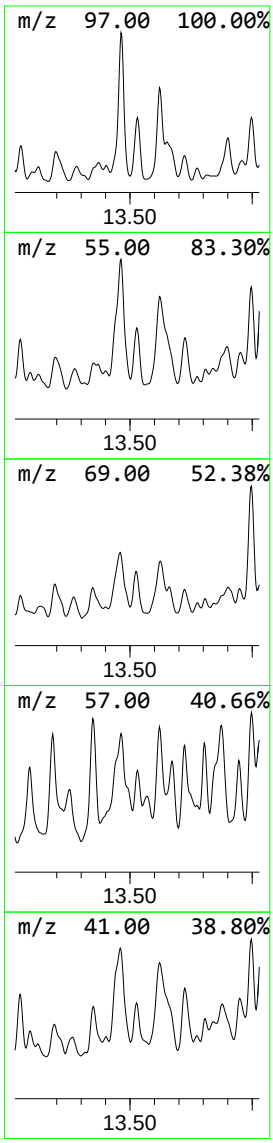
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 Oxalic acid, butyl cyclohex... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.528 | 43.97 ug/L | 869145 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, butyl cyclohexylmet... | 242 | C13H22O4 | 1000309-68-2 | 52 |
| 2 | m-Menthane, (1S,3R)-(+)- | 140 | C10H20 | 013837-66-6 | 50 |
| 3 | 1-Methyl-4-(1-methylethyl)-cyclo... | 140 | C10H20 | 000099-82-1 | 49 |
| 4 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 47 |
| 5 | Oxalic acid, cyclohexylmethyl pr... | 228 | C12H20O4 | 1010309-68-1 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

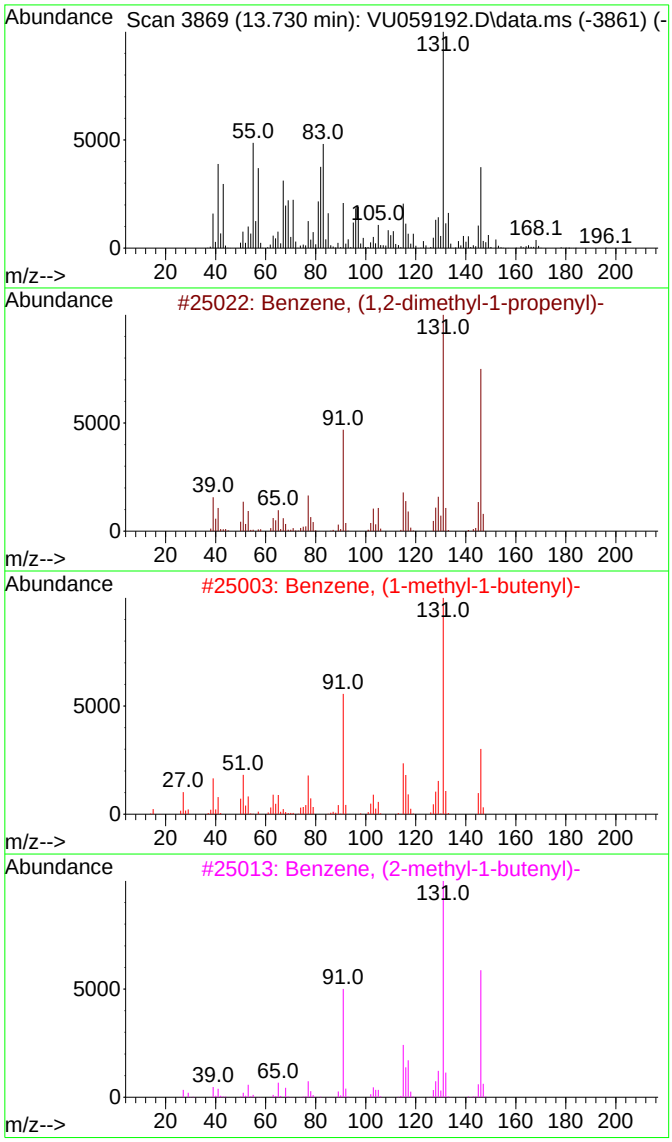
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

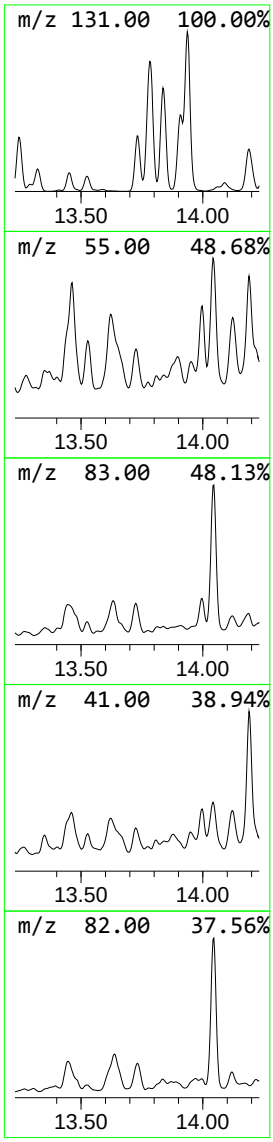
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.730 | 157.42 ug/L | 3111480 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 93 |
| 2 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 91 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 83 |
| 4 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 83 |
| 5 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 78 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

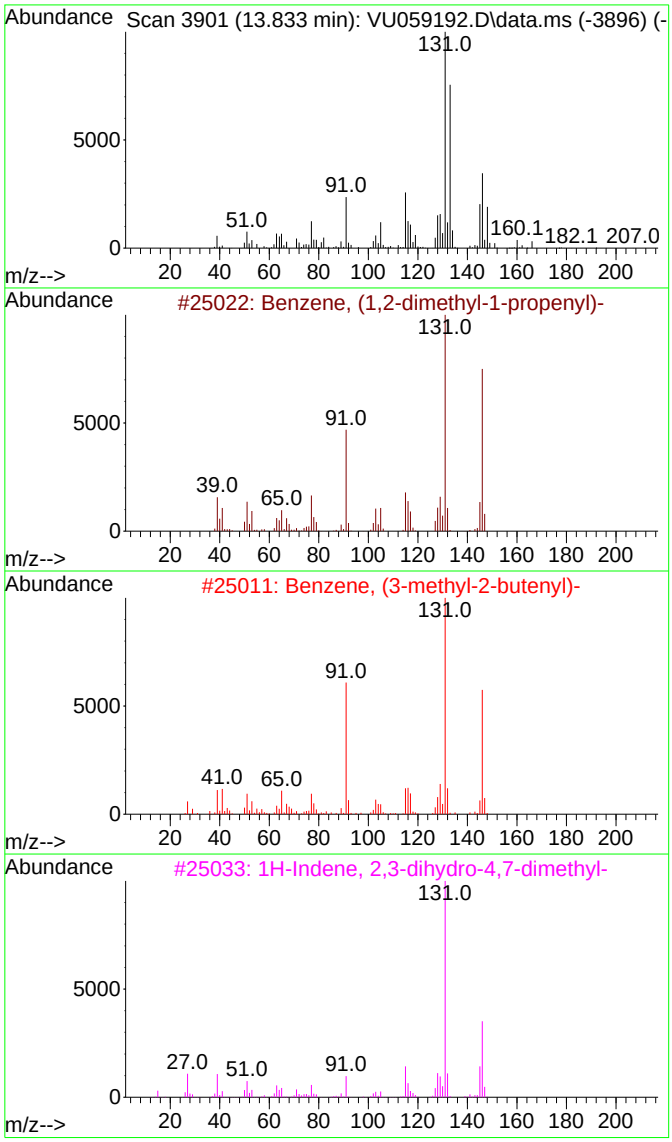
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

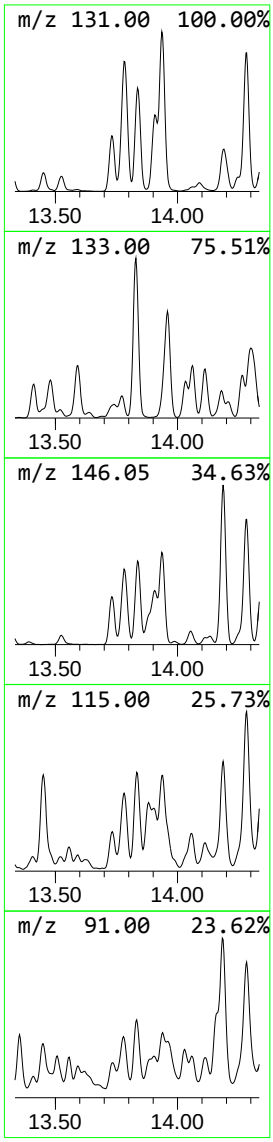
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 Benzene, (3-methyl-2-butenyl)- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.833 | 100.83 ug/L | 1993010 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 90 |
| 2 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 70 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 60 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 55 |
| 5 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

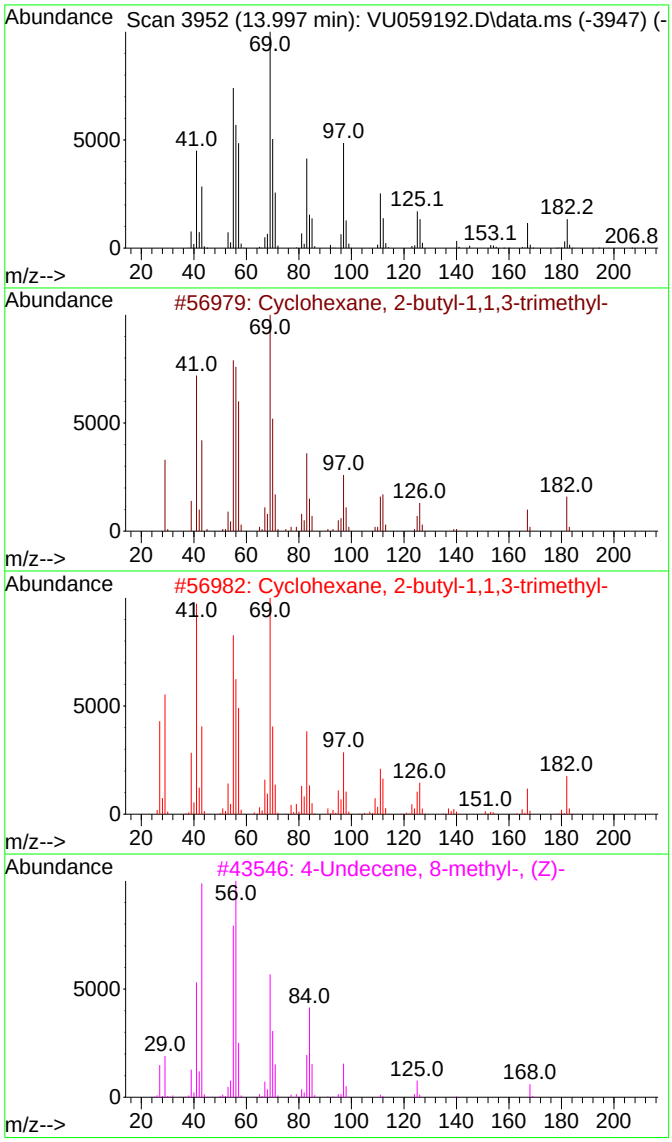
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

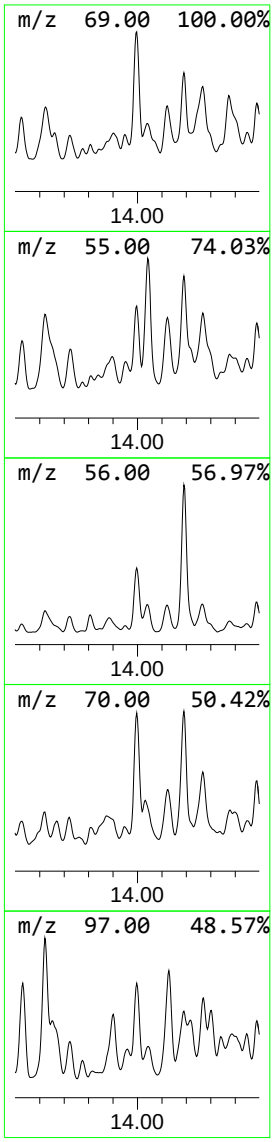
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 63 (DEL) Alkane: Cyclic13.997 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.997 | 98.32 ug/L | 1943370 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26 | 054676-39-0 | 94 |
| 2 | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26 | 054676-39-0 | 90 |
| 3 | 4-Undecene, 8-methyl-, (Z)- | 168 | C12H24 | 074630-55-0 | 52 |
| 4 | 6-Tridecene, (Z)- | 182 | C13H26 | 006508-77-6 | 47 |
| 5 | 1-Hexene, 3-methyl- | 98 | C7H14 | 003404-61-3 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

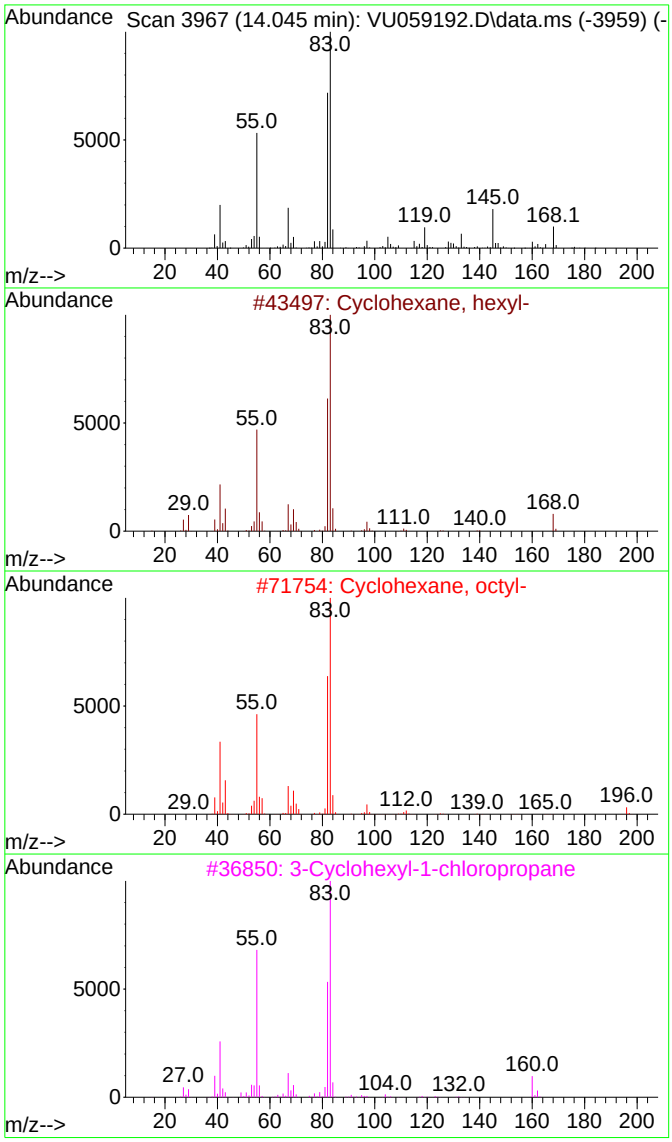
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

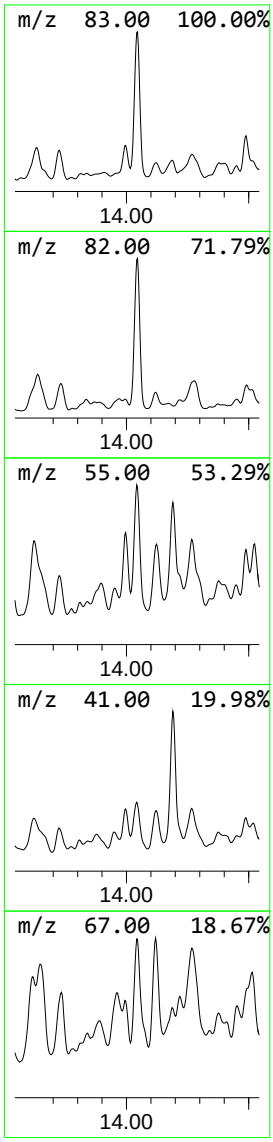
**********

Peak Number 64 (DEL) Alkane: Cyclic14.045 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.045 | 311.33 ug/L | 6153690 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, hexyl- | 168 | C12H24 | 004292-75-5 | 72 |
| 2 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 59 |
| 3 | 3-Cyclohexyl-1-chloropropane | 160 | C9H17Cl | 001124-62-5 | 59 |
| 4 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 59 |
| 5 | Oxalic acid, cyclohexyl tetradec... | 368 | C22H40O4 | 1000309-31-5 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

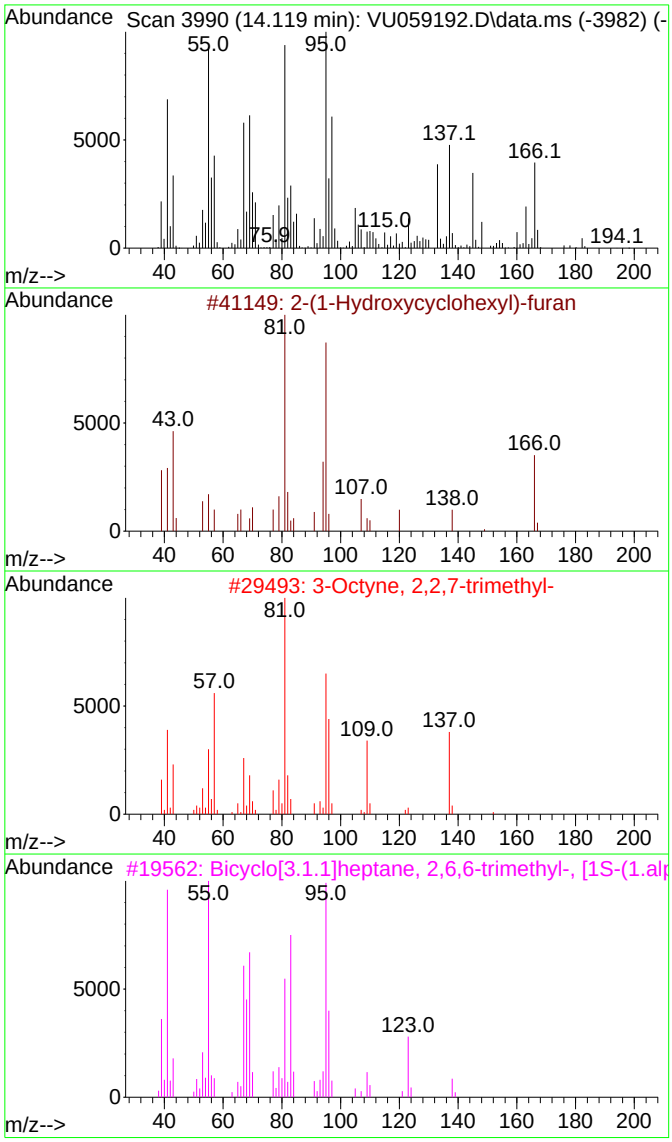
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

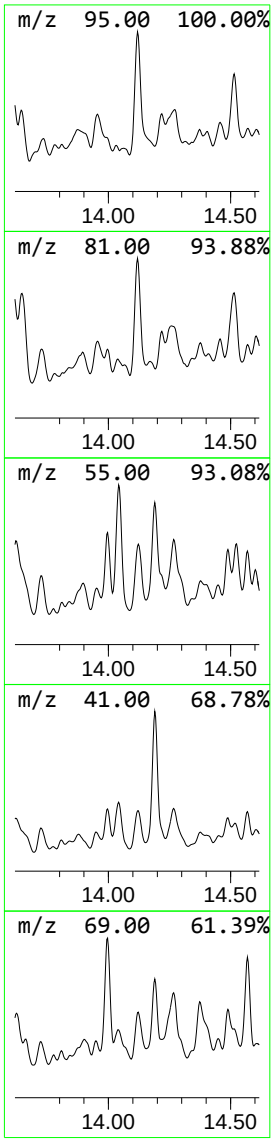
**********

Peak Number 65 unknown-04 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.119 | 251.24 ug/L | 4966040 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(1-Hydroxycyclohexyl)-furan | 166 | C10H14O2 | 036169-67-2 | 41 |
| 2 | 3-Octyne, 2,2,7-trimethyl- | 152 | C11H20 | 055402-13-6 | 41 |
| 3 | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18 | 004755-33-3 | 38 |
| 4 | 4,6-Heptadien-2-one, 3,6-dimethy... | 180 | C12H20O | 077822-50-5 | 35 |
| 5 | Naphthalene, 2-ethyldecahydro- | 166 | C12H22 | 001618-23-1 | 30 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

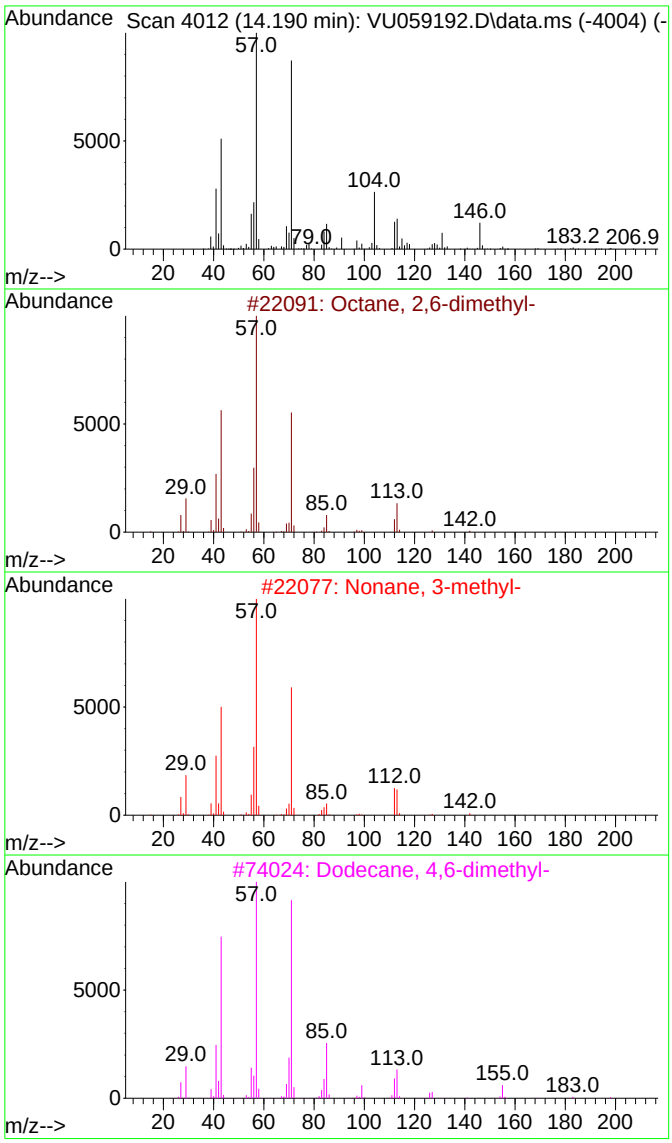
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

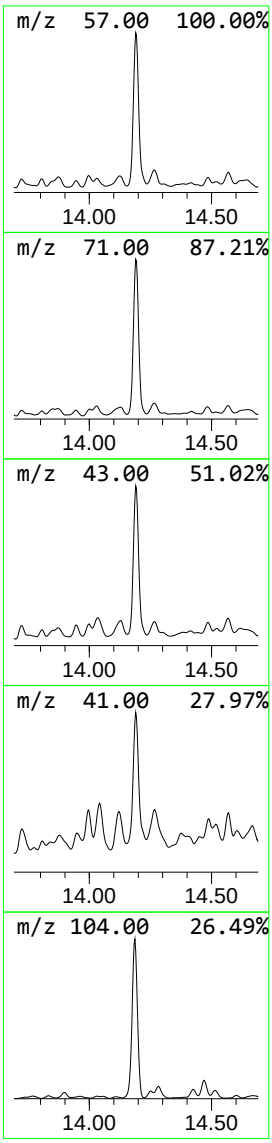
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.190 | 679.27 ug/L | 13426400 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 64 |
| 2 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 53 |
| 3 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 52 |
| 4 | Oxalic acid, butyl 2-ethylhexyl ... | 258 | C14H26O4 | 1000309-38-6 | 50 |
| 5 | Oxalic acid, 2-ethylhexyl octyl ... | 314 | C18H34O4 | 1000309-39-1 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

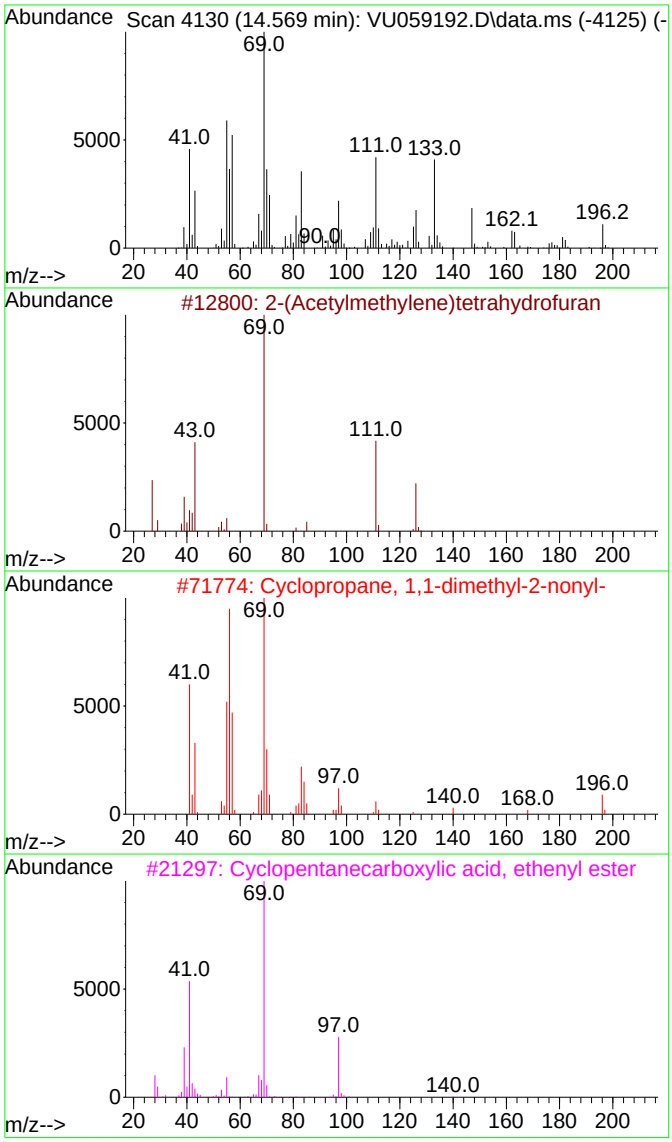
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

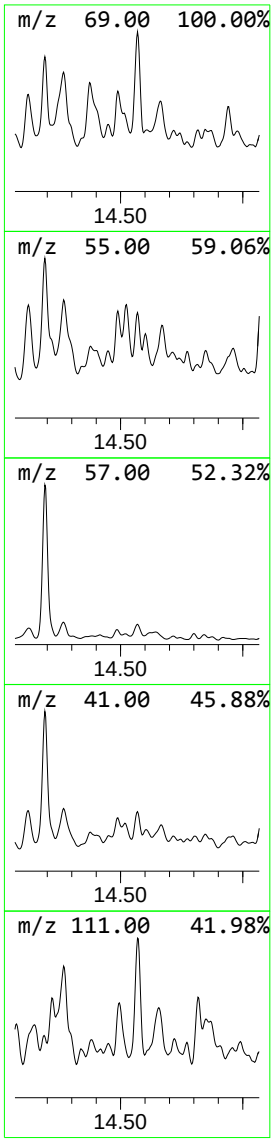
**********

Peak Number 67 unknown-05 Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.569 | 80.52 ug/L | 1591630 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(Acetylmethylene)tetrahydrofuran | 126 | C7H10O2 | 112595-65-0 | 46 |
| 2 | Cyclopropane, 1,1-dimethyl-2-nonyl- | 196 | C14H28 | 041977-38-2 | 38 |
| 3 | Cyclopentanecarboxylic acid, eth... | 140 | C8H12O2 | 016523-06-1 | 30 |
| 4 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 30 |
| 5 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 30 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

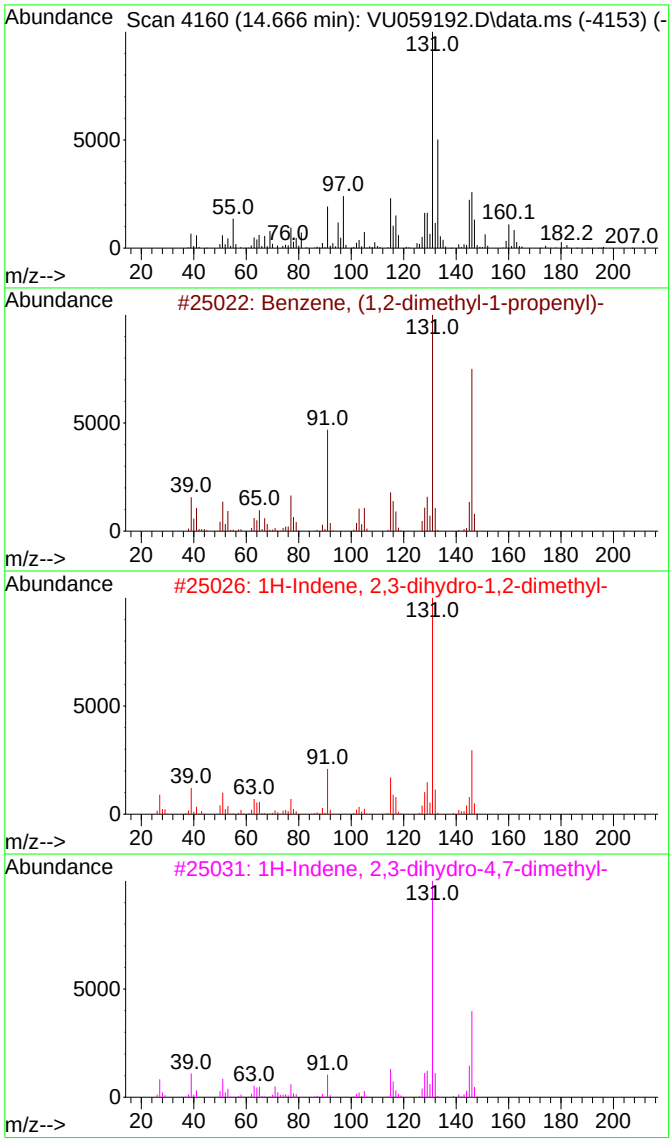
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

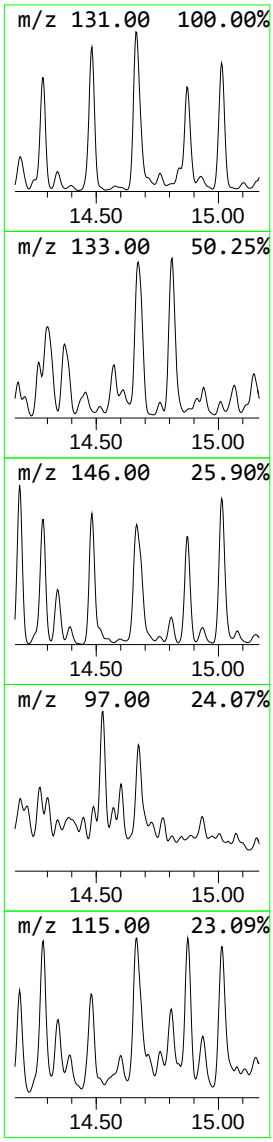
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 68 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.666 | 296.15 ug/L | 5853760 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 60 |
| 2 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 60 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 60 |
| 4 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 55 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

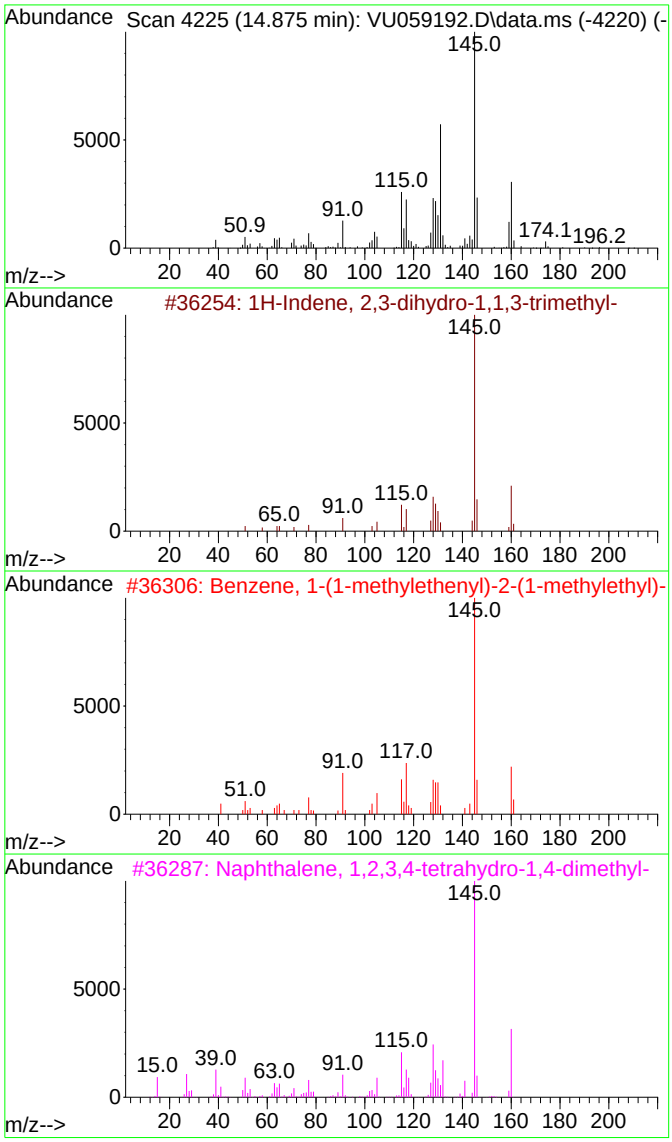
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

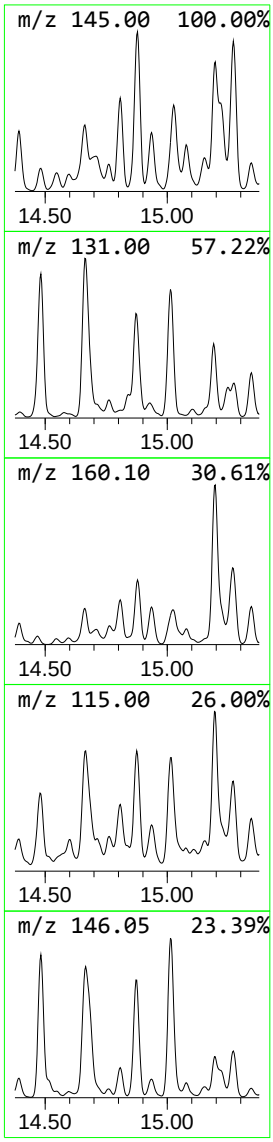
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.875 | 224.13 ug/L | 4430190 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 68 |
| 2 | Benzene, 1-(1-methylethenyl)-2-(... | 160 | C12H16 | 005557-93-7 | 62 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 62 |
| 4 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 62 |
| 5 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

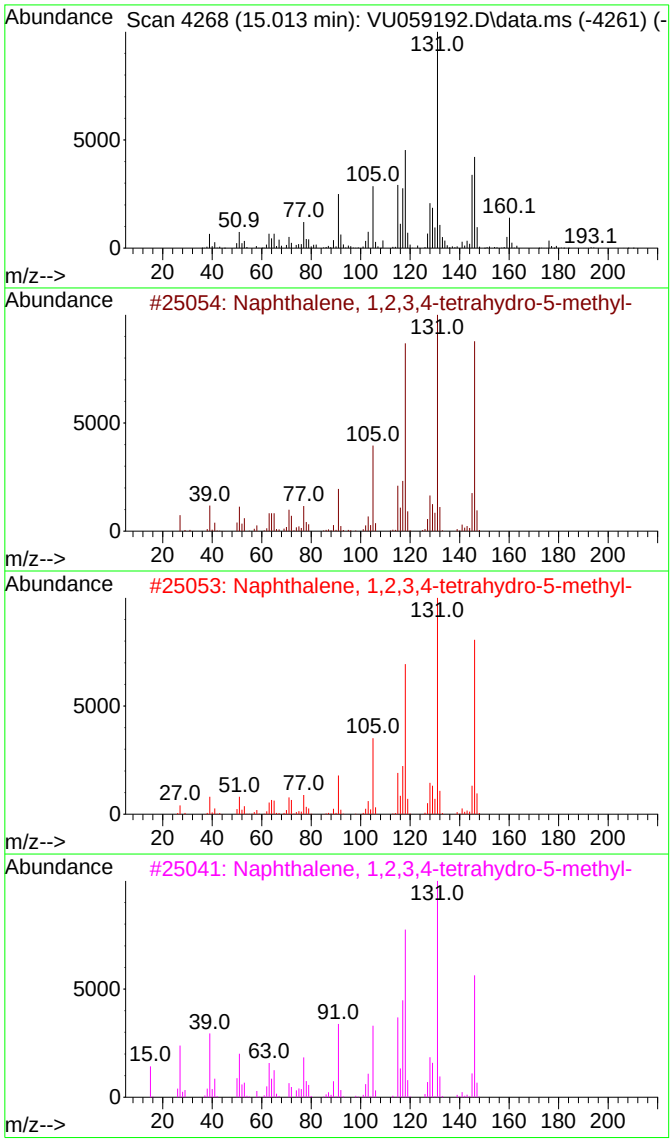
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

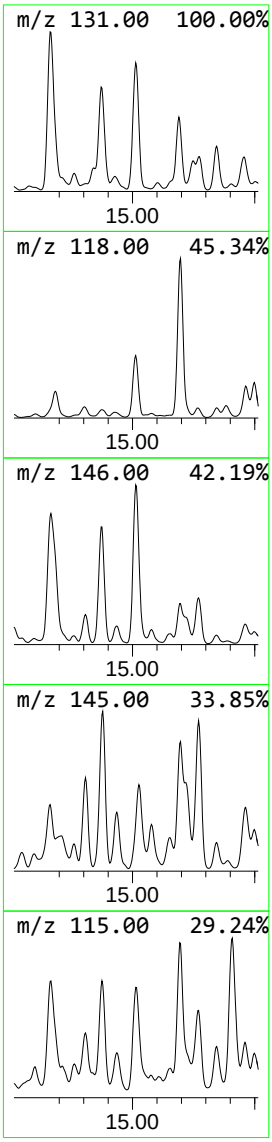
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 70 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.013 | 260.00 ug/L | 5139220 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 72 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 70 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 64 |
| 4 | 2-Propenal, 3-(4-methylphenyl)- | 146 | C10H10O | 001504-75-2 | 62 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

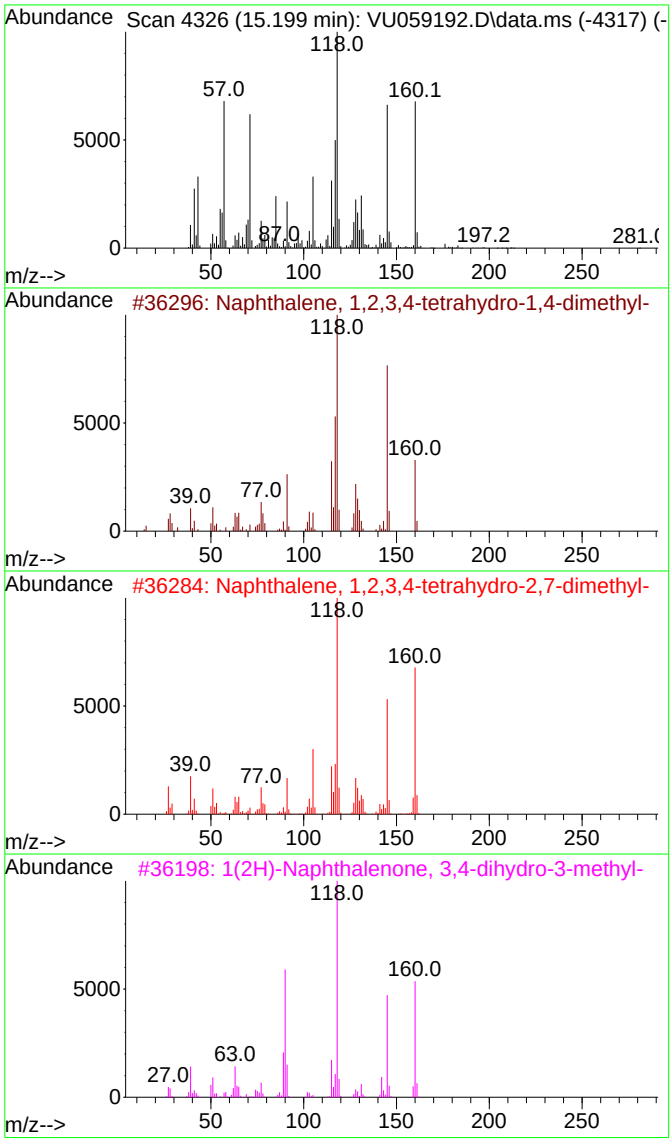
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

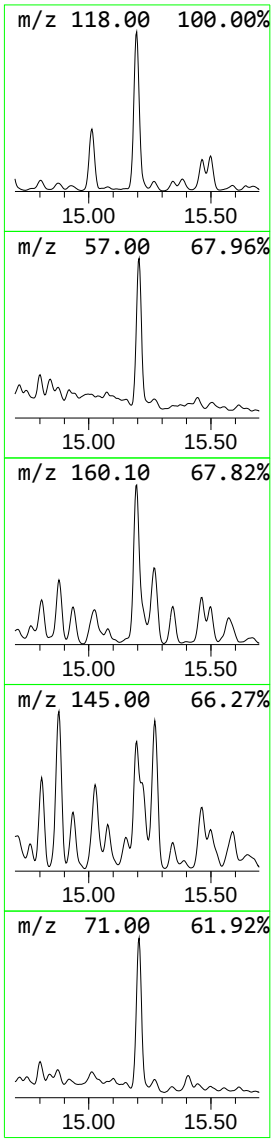
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 71 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.199 | 503.07 ug/L | 9943800 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 83 |
| 3 | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 014944-23-1 | 46 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 007524-63-2 | 45 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 007524-63-2 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

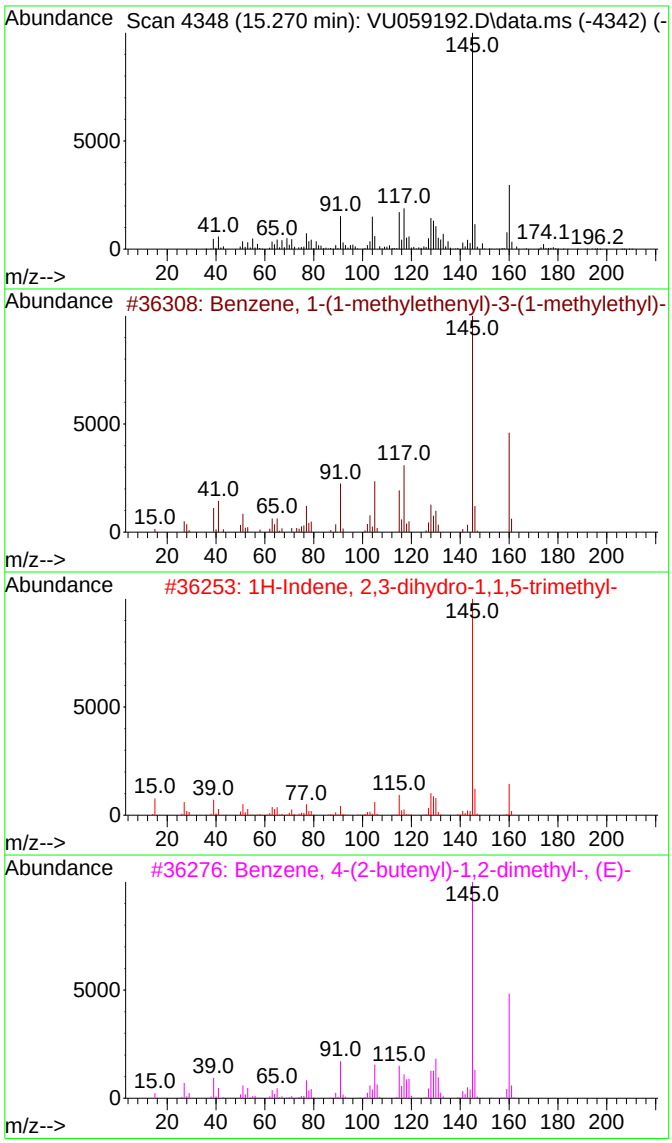
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

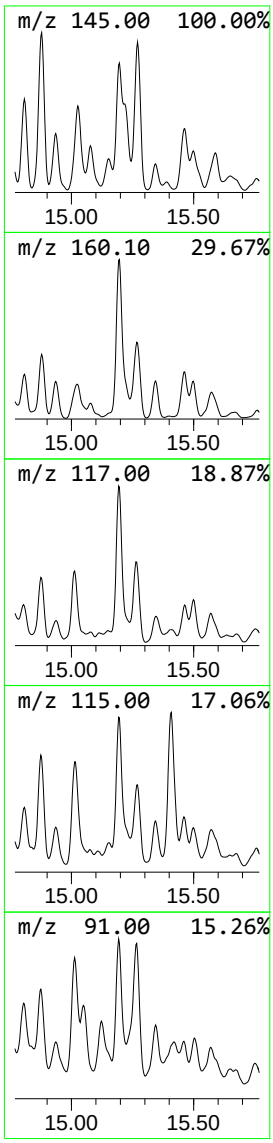
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 72 Benzene, 1-(1-methylethenyl... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.270 | 227.16 ug/L | 4489980 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 93 |
| 2 | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 | C12H16 | 040650-41-7 | 91 |
| 3 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 91 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 025419-33-4 | 90 |
| 5 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

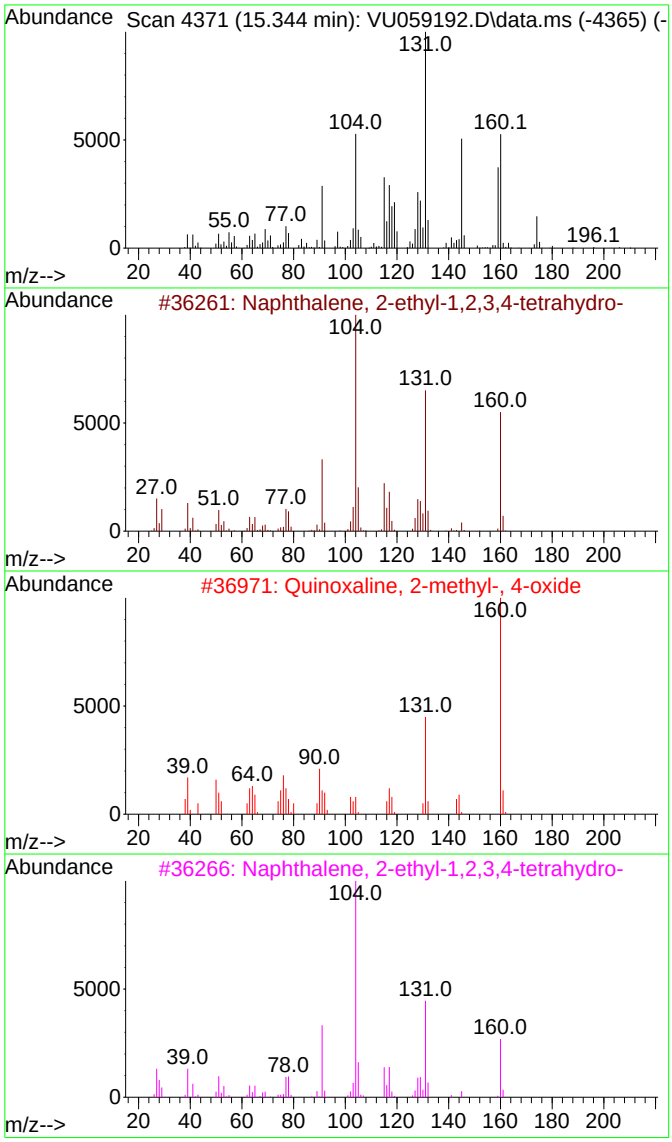
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

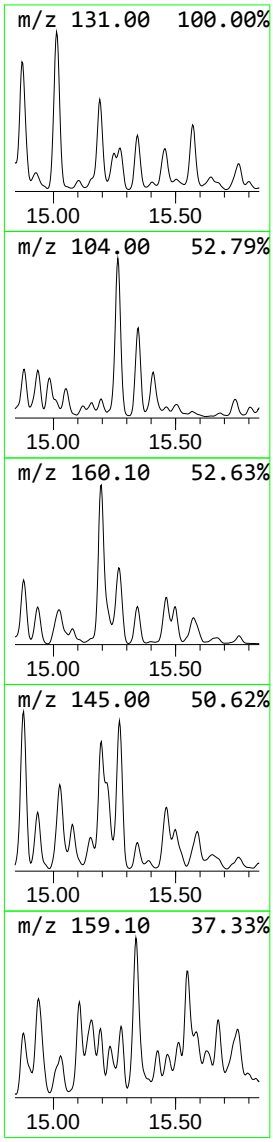
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 73 Naphthalene, 2-ethyl-1,2,3,... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.344 | 71.25 ug/L | 1408400 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl-1,2,3,4-tet... | 160 | C12H16 | 032367-54-7 | 70 |
| 2 | Quinoxaline, 2-methyl-, 4-oxide | 160 | C9H8N2O | 018916-45-5 | 50 |
| 3 | Naphthalene, 2-ethyl-1,2,3,4-tet... | 160 | C12H16 | 032367-54-7 | 45 |
| 4 | Benzene, (2,4-dimethylcyclopentyl)- | 174 | C13H18 | 074421-27-5 | 43 |
| 5 | Oct-3-ene-1,5-diyne, 3-isopropyl... | 160 | C12H16 | 1000211-23-1 | 42 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

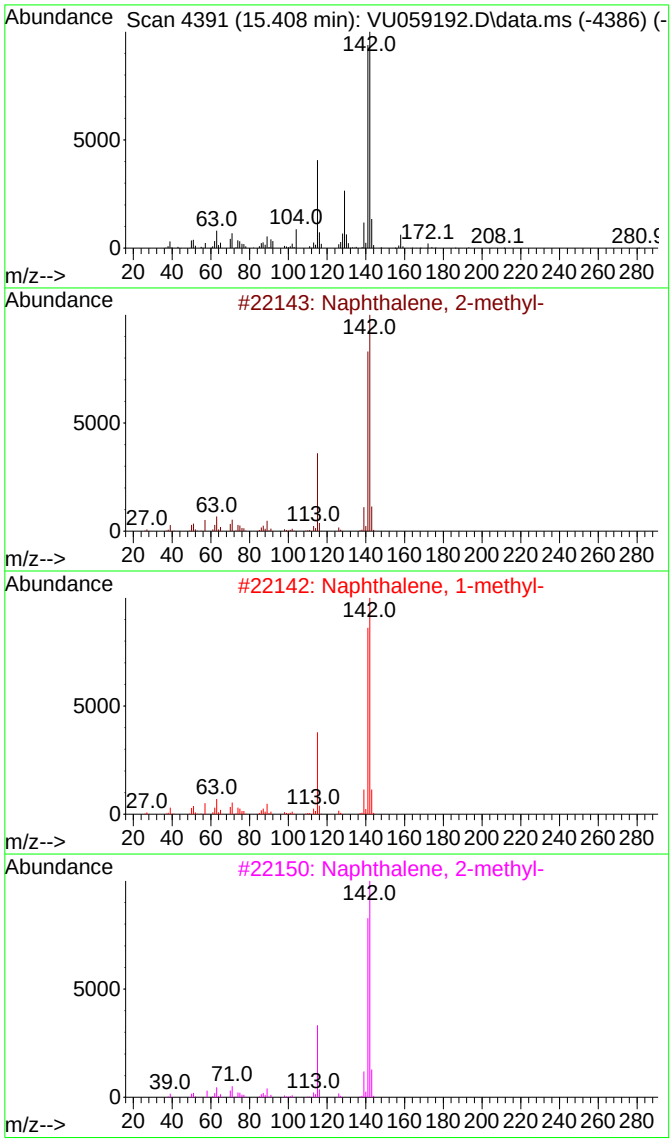
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

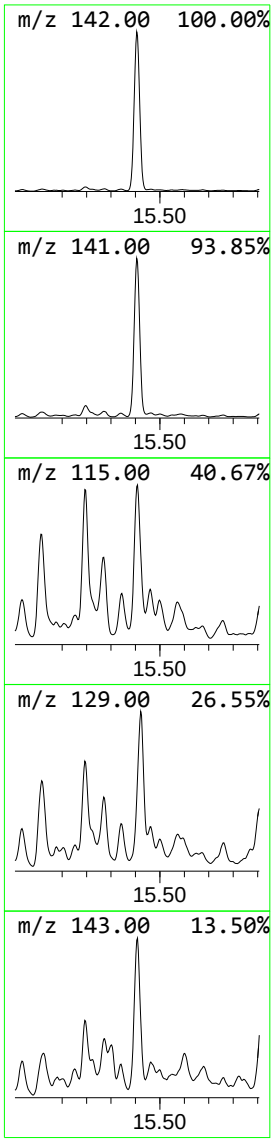
**********

Peak Number 74 Naphthalene, 2-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.408 | 109.38 ug/L | 2161930 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 91 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

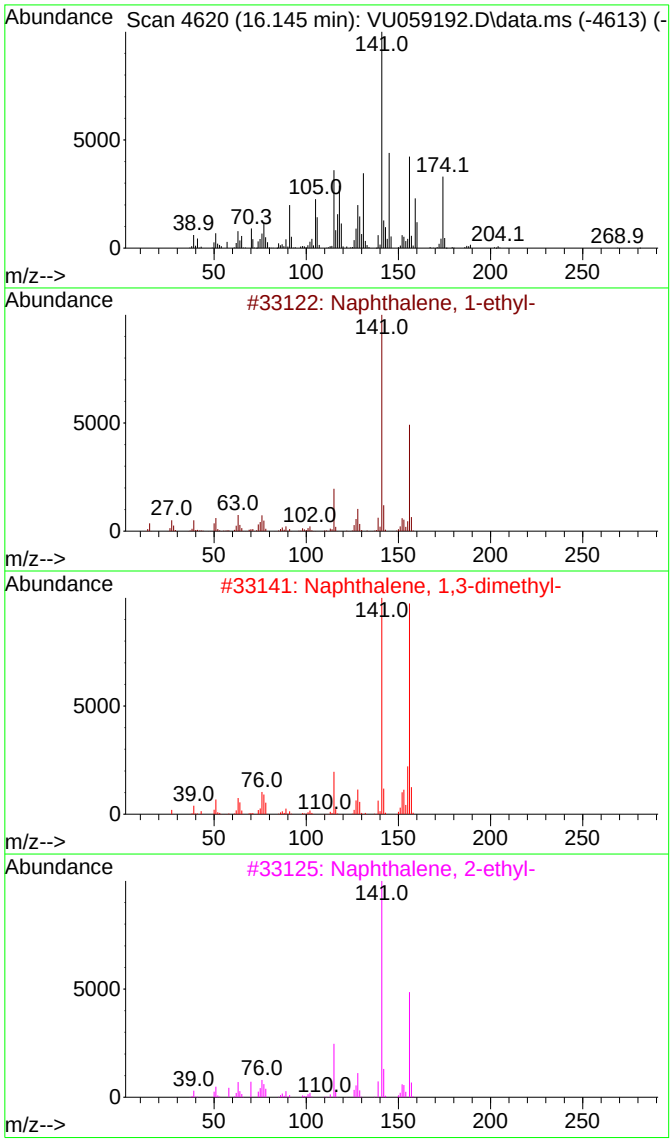
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

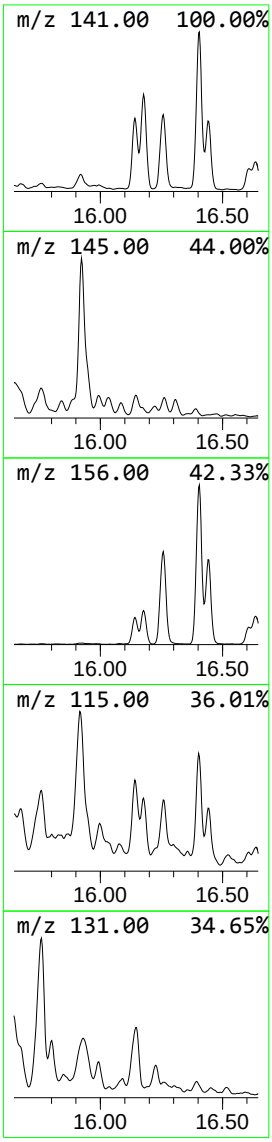
**********

Peak Number 75 Naphthalene, 1-ethyl- Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.145 | 35.12 ug/L | 694134 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 83 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 50 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 46 |
| 4 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 46 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

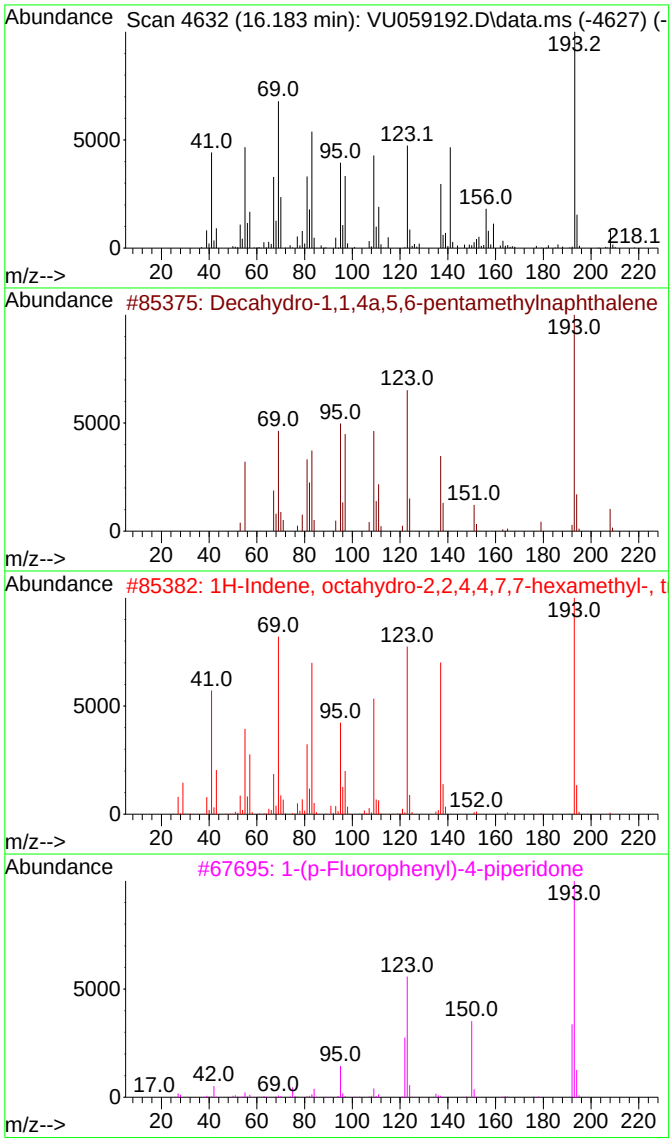
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

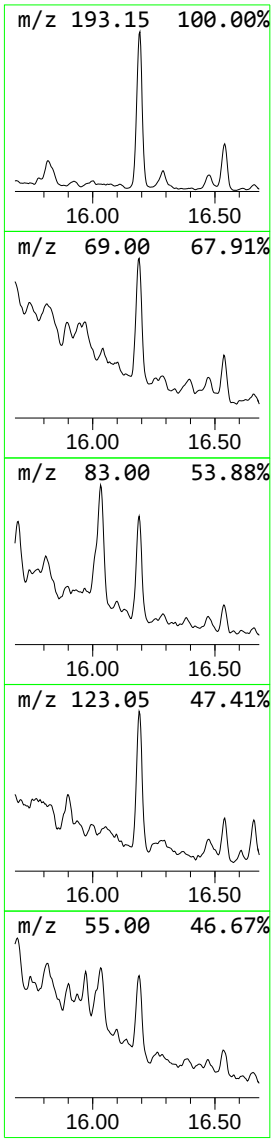
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 76 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.183 | 53.38 ug/L | 1055160 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 94 |
| 2 | 1H-Indene, octahydro-2,2,4,4,7,7... | 208 | C15H28 | 054832-83-6 | 38 |
| 3 | 1-(p-Fluorophenyl)-4-piperidone | 193 | C11H12FNO | 1000238-56-7 | 38 |
| 4 | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O | 313253-65-5 | 37 |
| 5 | 2-Anthracenamine | 193 | C14H11N | 000613-13-8 | 22 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

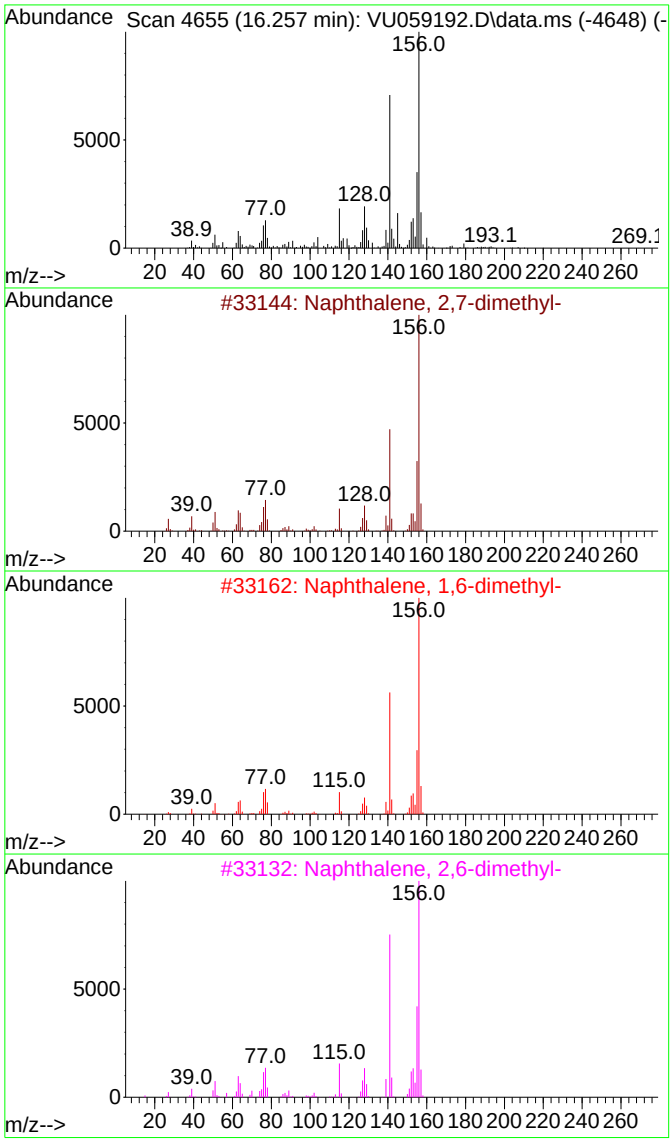
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

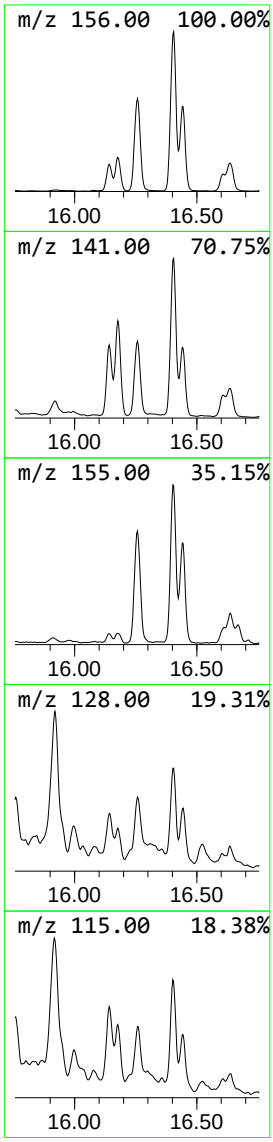
**********

Peak Number 77 Naphthalene, 2,7-dimethyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.257 | 77.77 ug/L | 1537220 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 95 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

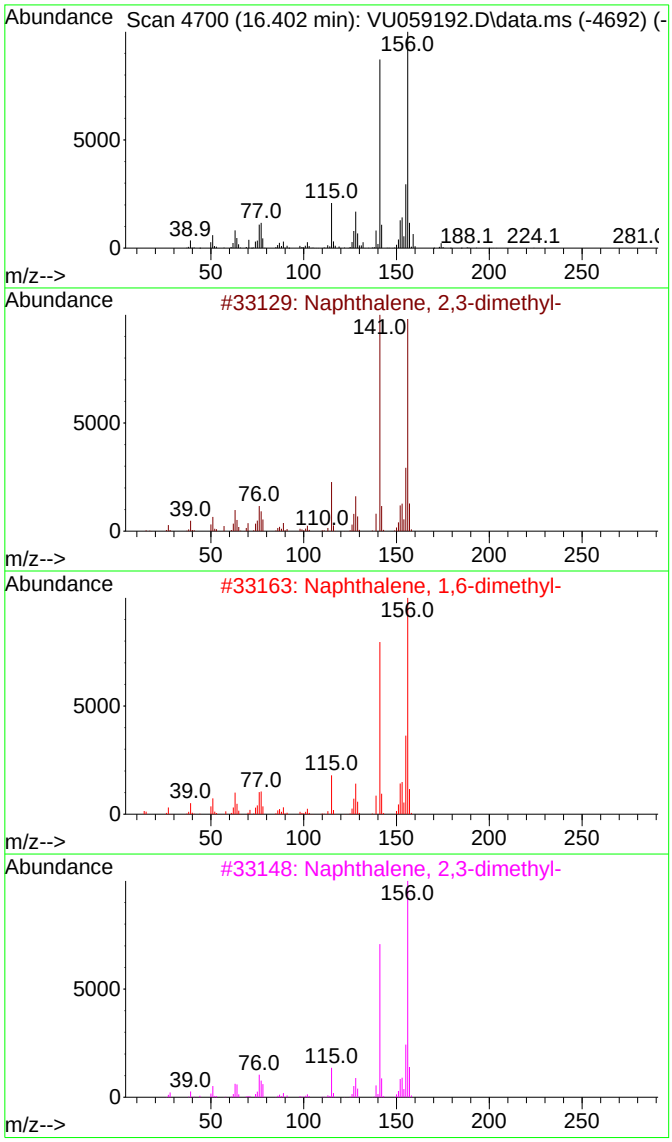
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

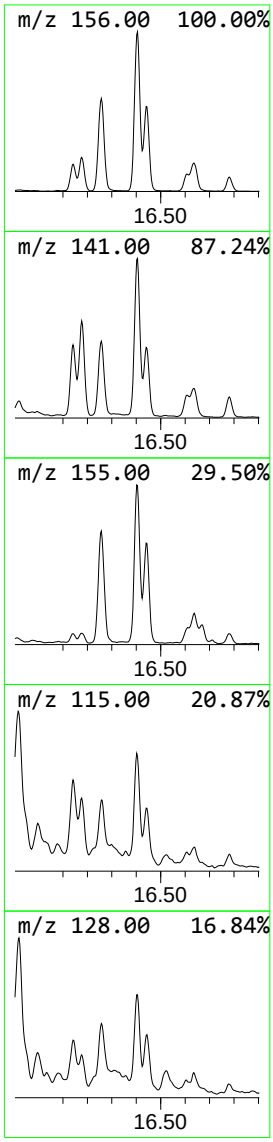
**********

Peak Number 78 Naphthalene, 2,3-dimethyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.402 | 70.98 ug/L | 1403020 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

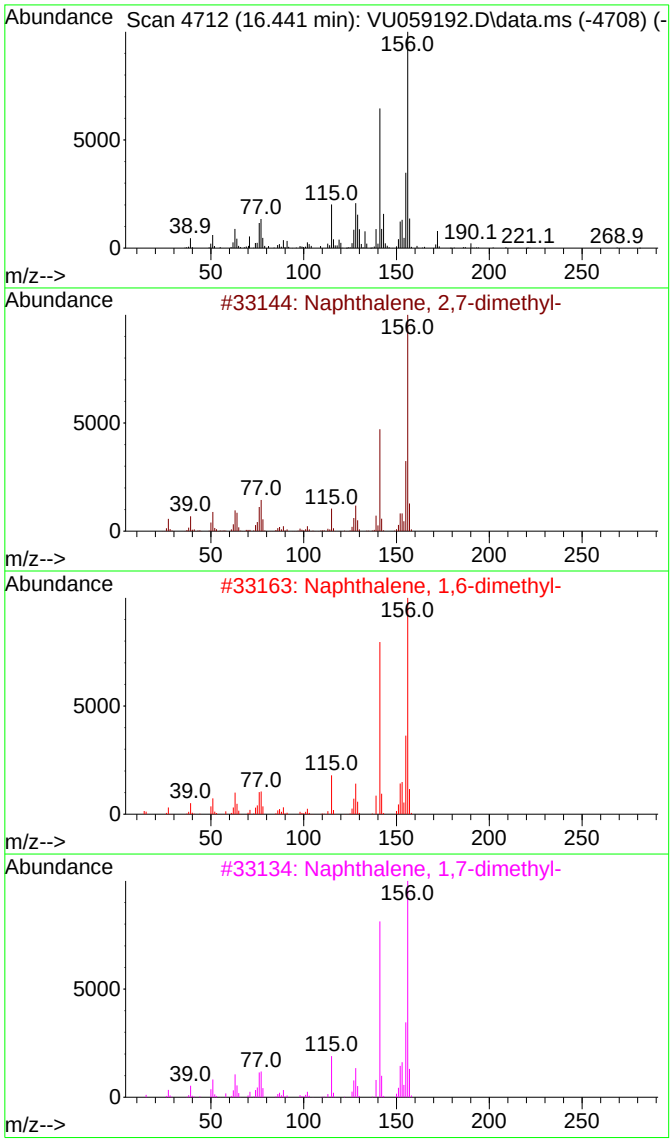
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

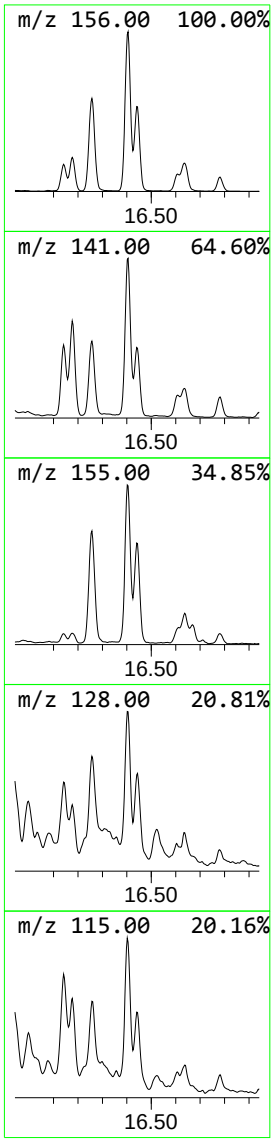
**********

Peak Number 79 Naphthalene, 1,6-dimethyl- Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.441 | 49.12 ug/L | 970900 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

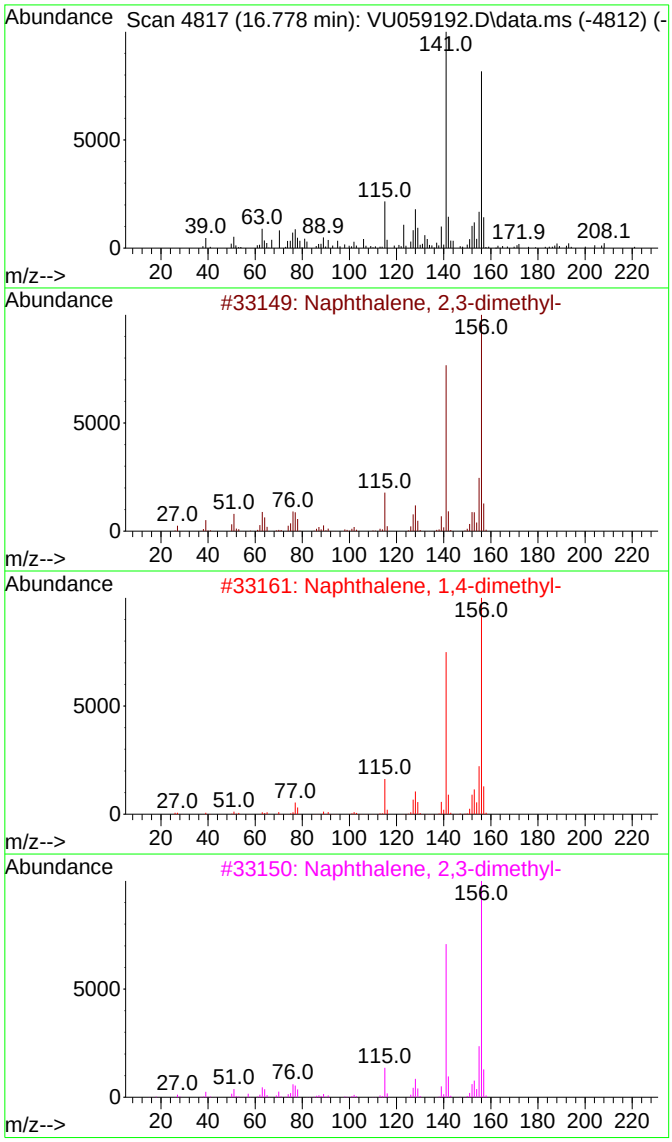
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

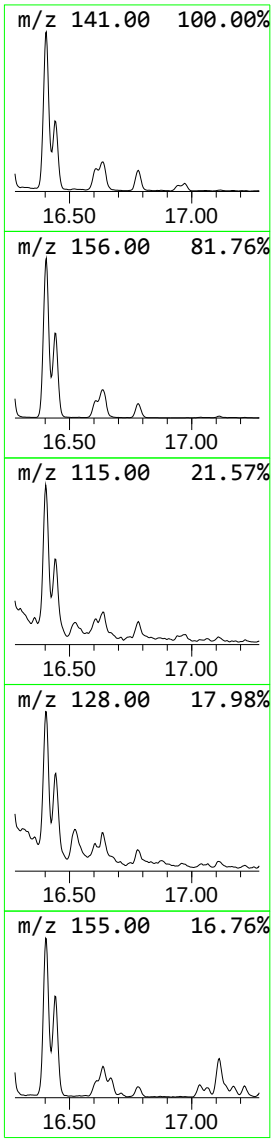
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 80 Naphthalene, 1,4-dimethyl- Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.778 | 15.46 ug/L | 305657 | 1,4-Dichlorobenzene-d4 | 11.807 |

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



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059192.D
Acq On : 07 Jun 2024 17:14
Operator : MD/SY
Sample : P2693-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: S... | 6.862 | 5.0 | ug/L | 39368 | 1 | 6.242 | 389563 | 50.0 |
| (DEL) Alkane: C... | 7.065 | 8.3 | ug/L | 64903 | 1 | 6.242 | 389563 | 50.0 |
| (DEL) Alkane: C... | 7.232 | 7.7 | ug/L | 59760 | 1 | 6.242 | 389563 | 50.0 |
| (DEL) Alkane: S... | 7.422 | 7.3 | ug/L | 56938 | 1 | 6.242 | 389563 | 50.0 |
| (DEL) Alkane: S... | 7.614 | 6.0 | ug/L | 46436 | 1 | 6.242 | 389563 | 50.0 |
| (DEL) Alkane: S... | 7.688 | 9.7 | ug/L | 75240 | 1 | 6.242 | 389563 | 50.0 |
| (DEL) Alkane: C... | 8.020 | 12.7 | ug/L | 107186 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 8.235 | 31.9 | ug/L | 269596 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 8.364 | 17.9 | ug/L | 150761 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 8.438 | 4.0 | ug/L | 34034 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 8.467 | 8.8 | ug/L | 74477 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 8.531 | 17.6 | ug/L | 148202 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 8.753 | 36.0 | ug/L | 303970 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 8.795 | 25.6 | ug/L | 215566 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 8.859 | 35.4 | ug/L | 298486 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 8.920 | 68.2 | ug/L | 575839 | 2 | 9.412 | 421899 | 50.0 |
| 6-Methyloctyl a... | 9.065 | 17.6 | ug/L | 148953 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 9.113 | 35.0 | ug/L | 295397 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 9.161 | 63.4 | ug/L | 534896 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 9.325 | 38.5 | ug/L | 324944 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 9.557 | 27.2 | ug/L | 229756 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 9.659 | 70.3 | ug/L | 592844 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 9.711 | 53.7 | ug/L | 453462 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 9.756 | 68.4 | ug/L | 577437 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 9.872 | 28.7 | ug/L | 242471 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 9.946 | 11.8 | ug/L | 99135 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 10.020 | 139.4 | ug/L | 1176040 | 2 | 9.412 | 421899 | 50.0 |
| unknown-01 | 10.116 | 47.0 | ug/L | 396656 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 10.245 | 305.3 | ug/L | 2576220 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: C... | 10.351 | 169.4 | ug/L | 1429320 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 10.389 | 114.1 | ug/L | 963099 | 2 | 9.412 | 421899 | 50.0 |
| (DEL) Alkane: S... | 10.550 | 150.7 | ug/L | 1271360 | 2 | 9.412 | 421899 | 50.0 |
| 3-Octyne, 2-met... | 10.692 | 16.6 | ug/L | 327227 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 10.804 | 78.2 | ug/L | 1546210 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 10.946 | 38.0 | ug/L | 752086 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 11.010 | 35.1 | ug/L | 693798 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: S... | 11.058 | 96.6 | ug/L | 1909790 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 11.122 | 69.9 | ug/L | 1382120 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 11.184 | 17.0 | ug/L | 336392 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: S... | 11.238 | 14.6 | ug/L | 288223 | 3 | 11.807 | 988301 | 50.0 |
| unknown-02 | 11.306 | 70.6 | ug/L | 1395870 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: S... | 11.373 | 17.2 | ug/L | 339769 | 3 | 11.807 | 988301 | 50.0 |
| unknown-03 | 11.457 | 30.8 | ug/L | 608899 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: S... | 11.569 | 48.3 | ug/L | 955330 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: S... | 11.637 | 117.5 | ug/L | 2321970 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 11.708 | 109.0 | ug/L | 2153900 | 3 | 11.807 | 988301 | 50.0 |
| Benzene, 1,2-di... | 12.093 | 102.9 | ug/L | 2033030 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 12.380 | 139.2 | ug/L | 2750740 | 3 | 11.807 | 988301 | 50.0 |
| trans-Decalin, ... | 12.833 | 262.6 | ug/L | 5189920 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 12.923 | 264.4 | ug/L | 5225660 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, de... | 13.048 | 111.3 | ug/L | 2199070 | 3 | 11.807 | 988301 | 50.0 |
| Benzene, 1-meth... | 13.100 | 123.4 | ug/L | 2439350 | 3 | 11.807 | 988301 | 50.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3,4-Dimethylcumene | 13.193 | 53.9 | ug/L | 1064990 | 3 | 11.807 | 988301 | 50.0 |
| Oxalic acid, bi... | 13.351 | 70.8 | ug/L | 1398500 | 3 | 11.807 | 988301 | 50.0 |
| 1H-Indene, 2,3-... | 13.454 | 389.5 | ug/L | 7699050 | 3 | 11.807 | 988301 | 50.0 |
| Oxalic acid, bu... | 13.528 | 44.0 | ug/L | 869145 | 3 | 11.807 | 988301 | 50.0 |
| Benzene, (1,2-d... | 13.730 | 157.4 | ug/L | 3111480 | 3 | 11.807 | 988301 | 50.0 |
| Benzene, (3-met... | 13.833 | 100.8 | ug/L | 1993010 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 13.997 | 98.3 | ug/L | 1943370 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: C... | 14.045 | 311.3 | ug/L | 6153690 | 3 | 11.807 | 988301 | 50.0 |
| unknown-04 | 14.119 | 251.2 | ug/L | 4966040 | 3 | 11.807 | 988301 | 50.0 |
| (DEL) Alkane: S... | 14.190 | 679.3 | ug/L | 13426400 | 3 | 11.807 | 988301 | 50.0 |
| unknown-05 | 14.569 | 80.5 | ug/L | 1591630 | 3 | 11.807 | 988301 | 50.0 |
| 1H-Indene, 2,3-... | 14.666 | 296.1 | ug/L | 5853760 | 3 | 11.807 | 988301 | 50.0 |
| 1H-Indene, 2,3-... | 14.875 | 224.1 | ug/L | 4430190 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 1,... | 15.013 | 260.0 | ug/L | 5139220 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 1,... | 15.199 | 503.1 | ug/L | 9943800 | 3 | 11.807 | 988301 | 50.0 |
| Benzene, 1-(1-m... | 15.270 | 227.2 | ug/L | 4489980 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 2-... | 15.344 | 71.3 | ug/L | 1408400 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 2-... | 15.408 | 109.4 | ug/L | 2161930 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 1-... | 16.145 | 35.1 | ug/L | 694134 | 3 | 11.807 | 988301 | 50.0 |
| Decahydro-1,1,4... | 16.183 | 53.4 | ug/L | 1055160 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 2,... | 16.257 | 77.8 | ug/L | 1537220 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 2,... | 16.402 | 71.0 | ug/L | 1403020 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 1,... | 16.441 | 49.1 | ug/L | 970900 | 3 | 11.807 | 988301 | 50.0 |
| Naphthalene, 1,... | 16.778 | 15.5 | ug/L | 305657 | 3 | 11.807 | 988301 | 50.0 |

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHHT2