LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.312 | 62 | 69 | 82 | rBV | 168713 | 178206 | 1.30% | 0.449% |
| 2 | 1.569 | 143 | 149 | 163 | rVB | 128615 | 150169 | 1.10% | 0.378% |
| 3 | 2.119 | 310 | 320 | 347 | rVB | 307717 | 482920 | 3.54% | 1.216% |
| 4 | 2.248 | 358 | 360 | 366 | rVB5 | 1857 | 1536 | 0.01% | 0.004% |
| 5 | 2.296 | 369 | 375 | 378 | rBV7 | 1687 | 1916 | 0.01% | 0.005% |
| 6 | 2.454 | 420 | 424 | 429 | rVB6 | 2282 | 2291 | 0.02% | 0.006% |
| 7 | 2.499 | 430 | 438 | 439 | rBV6 | 3347 | 3000 | 0.02% | 0.008% |
| 8 | 2.515 | 439 | 443 | 447 | rBV6 | 4015 | 4892 | 0.04% | 0.012% |
| 9 | 2.778 | 515 | 525 | 533 | rBV3 | 14422 | 27086 | 0.20% | 0.068% |
| 10 | 2.984 | 584 | 589 | 591 | rBV3 | 1427 | 1623 | 0.01% | 0.004% |
| 11 | 3.550 | 757 | 765 | 766 | rBV6 | 2797 | 2796 | 0.02% | 0.007% |
| 12 | 3.691 | 794 | 809 | 821 | rVV7 | 7308 | 18026 | 0.13% | 0.045% |
| 13 | 3.788 | 828 | 839 | 850 | rVB7 | 5053 | 12872 | 0.09% | 0.032% |
| 14 | 3.900 | 859 | 874 | 905 | rBV | 98663 | 315241 | 2.31% | 0.794% |
| 15 | 4.373 | 1006 | 1021 | 1055 | rVB | 225207 | 571875 | 4.19% | 1.440% |
| 16 | 4.634 | 1088 | 1102 | 1116 | rBV4 | 21611 | 59810 | 0.44% | 0.151% |
| 17 | 4.794 | 1139 | 1152 | 1171 | rVB3 | 30856 | 74756 | 0.55% | 0.188% |
| 18 | 4.936 | 1180 | 1196 | 1220 | rBV9 | 11798 | 43391 | 0.32% | 0.109% |
| 19 | 5.071 | 1220 | 1238 | 1261 | rBV2 | 528940 | 1389609 | 10.17% | 3.499% |
| 20 | 5.209 | 1269 | 1281 | 1292 | rBV5 | 39804 | 92500 | 0.68% | 0.233% |
| 21 | 5.351 | 1318 | 1325 | 1336 | rVB5 | 13759 | 26448 | 0.19% | 0.067% |
| 22 | 5.521 | 1365 | 1378 | 1392 | rVV10 | 9124 | 19582 | 0.14% | 0.049% |
| 23 | 5.643 | 1402 | 1416 | 1439 | rBV | 419237 | 892742 | 6.54% | 2.248% |
| 24 | 5.945 | 1496 | 1510 | 1517 | rVV | 10169 | 23169 | 0.17% | 0.058% |
| 25 | 6.013 | 1523 | 1531 | 1542 | rVB2 | 18005 | 34503 | 0.25% | 0.087% |
| 26 | 6.097 | 1543 | 1557 | 1565 | rBV2 | 287832 | 654386 | 4.79% | 1.648% |
| 27 | 6.225 | 1590 | 1597 | 1605 | rVV3 | 30886 | 47713 | 0.35% | 0.120% |
| 28 | 6.283 | 1606 | 1615 | 1627 | rVB2 | 76240 | 140063 | 1.03% | 0.353% |
| 29 | 6.389 | 1640 | 1648 | 1659 | rVB5 | 20017 | 38109 | 0.28% | 0.096% |
| 30 | 6.486 | 1662 | 1678 | 1697 | rVB3 | 185056 | 429890 | 3.15% | 1.083% |
| 31 | 6.656 | 1719 | 1731 | 1751 | rVB5 | 146606 | 335898 | 2.46% | 0.846% |
| 32 | 6.759 | 1759 | 1763 | 1765 | rBV4 | 1875 | 1564 | 0.01% | 0.004% |
| 33 | 6.807 | 1768 | 1778 | 1786 | rBV6 | 18269 | 39024 | 0.29% | 0.098% |
| 34 | 6.865 | 1788 | 1796 | 1804 | rBV2 | 40287 | 70592 | 0.52% | 0.178% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.013 | 1827 | 1842 | 1855 | rBV2 | 197037 | 476382 | 3.49% | 1.200% |
| 36 | 7.305 | 1919 | 1933 | 1936 | rBV6 | 51565 | 99127 | 0.73% | 0.250% |
| 37 | 7.701 | 2049 | 2056 | 2070 | rVB | 303150 | 512339 | 3.75% | 1.290% |
| 38 | 7.820 | 2086 | 2093 | 2104 | rVB2 | 186354 | 318812 | 2.33% | 0.803% |
| 39 | 8.003 | 2143 | 2150 | 2161 | rVB2 | 59822 | 101240 | 0.74% | 0.255% |
| 40 | 8.113 | 2175 | 2184 | 2209 | rVB | 361872 | 600064 | 4.39% | 1.511% |
| 41 | 8.260 | 2221 | 2230 | 2241 | rVB | 133547 | 218429 | 1.60% | 0.550% |
| 42 | 8.379 | 2257 | 2267 | 2276 | rBV2 | 84614 | 142044 | 1.04% | 0.358% |
| 43 | 8.621 | 2335 | 2342 | 2354 | rVB3 | 23422 | 35851 | 0.26% | 0.090% |
| 44 | 8.743 | 2376 | 2380 | 2386 | rVB7 | 4296 | 4601 | 0.03% | 0.012% |
| 45 | 8.878 | 2411 | 2422 | 2436 | rBV | 668491 | 1069626 | 7.83% | 2.694% |
| 46 | 9.035 | 2457 | 2471 | 2494 | rBV | 6179381 | 9766292 | 71.50% | 24.593% |
| 47 | 9.161 | 2497 | 2510 | 2527 | rVV | 8539297 | 13659982 | 100.00% | 34.398% |
| 48 | 9.344 | 2558 | 2567 | 2578 | rVB3 | 9971 | 16945 | 0.12% | 0.043% |
| 49 | 9.498 | 2598 | 2615 | 2624 | rBV4 | 28322 | 68723 | 0.50% | 0.173% |
| 50 | 9.566 | 2625 | 2636 | 2653 | rVB | 1268346 | 1954681 | 14.31% | 4.922% |
| 51 | 9.701 | 2670 | 2678 | 2683 | rBV9 | 6219 | 11647 | 0.09% | 0.029% |
| 52 | 9.829 | 2707 | 2718 | 2732 | rBV10 | 13543 | 28403 | 0.21% | 0.072% |
| 53 | 9.955 | 2747 | 2757 | 2773 | rVV | 41203 | 67388 | 0.49% | 0.170% |
| 54 | 10.154 | 2812 | 2819 | 2825 | rVB10 | 4464 | 6872 | 0.05% | 0.017% |
| 55 | 10.238 | 2833 | 2845 | 2862 | rBV | 410961 | 656457 | 4.81% | 1.653% |
| 56 | 10.331 | 2869 | 2874 | 2877 | rBV6 | 2073 | 1646 | 0.01% | 0.004% |
| 57 | 10.376 | 2879 | 2888 | 2904 | rVB2 | 46238 | 83239 | 0.61% | 0.210% |
| 58 | 10.473 | 2908 | 2918 | 2923 | rBV | 69338 | 114441 | 0.84% | 0.288% |
| 59 | 10.563 | 2936 | 2946 | 2958 | rVB | 50245 | 79887 | 0.58% | 0.201% |
| 60 | 10.717 | 2986 | 2994 | 3000 | rVV5 | 10313 | 17449 | 0.13% | 0.044% |
| 61 | 10.762 | 3000 | 3008 | 3020 | rVV | 43751 | 71974 | 0.53% | 0.181% |
| 62 | 10.884 | 3036 | 3046 | 3052 | rBV | 8252 | 12630 | 0.09% | 0.032% |
| 63 | 10.936 | 3053 | 3062 | 3077 | rVB | 140813 | 221151 | 1.62% | 0.557% |
| 64 | 11.009 | 3080 | 3085 | 3092 | rVB4 | 4416 | 6020 | 0.04% | 0.015% |
| 65 | 11.080 | 3103 | 3107 | 3111 | rBV4 | 3580 | 3500 | 0.03% | 0.009% |
| 66 | 11.112 | 3111 | 3117 | 3125 | rVB5 | 7535 | 10727 | 0.08% | 0.027% |
| 67 | 11.193 | 3133 | 3142 | 3145 | rBV8 | 11459 | 16498 | 0.12% | 0.042% |
| 68 | 11.270 | 3155 | 3166 | 3181 | rBV | 761689 | 1157327 | 8.47% | 2.914% |
| 69 | 11.360 | 3184 | 3194 | 3206 | rVB | 48115 | 76433 | 0.56% | 0.192% |
| 70 | 11.434 | 3214 | 3217 | 3224 | rBV7 | 1917 | 2677 | 0.02% | 0.007% |
| 71 | 11.569 | 3246 | 3259 | 3263 | rBV5 | 25327 | 53141 | 0.39% | 0.134% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 11.646 | 3273 | 3283 | 3305 | rVB | 746476 | 1212225 | 8.87% | 3.053% |
| 73 | 11.768 | 3314 | 3321 | 3329 | rVB7 | 4804 | 7216 | 0.05% | 0.018% |
| 74 | 11.845 | 3335 | 3345 | 3355 | rVB2 | 15909 | 24622 | 0.18% | 0.062% |
| 75 | 11.936 | 3363 | 3373 | 3377 | rBV3 | 23140 | 35312 | 0.26% | 0.089% |
| 76 | 12.038 | 3395 | 3405 | 3415 | rBV | 49296 | 76053 | 0.56% | 0.192% |
| 77 | 12.138 | 3429 | 3436 | 3440 | rBV6 | 9218 | 12703 | 0.09% | 0.032% |
| 78 | 12.276 | 3469 | 3479 | 3489 | rVV10 | 9974 | 19713 | 0.14% | 0.050% |
| 79 | 12.341 | 3490 | 3499 | 3508 | rVB3 | 14372 | 24551 | 0.18% | 0.062% |
| 80 | 12.408 | 3513 | 3520 | 3521 | rVV5 | 4060 | 4785 | 0.04% | 0.012% |
| 81 | 12.437 | 3522 | 3529 | 3537 | rVV | 21436 | 32823 | 0.24% | 0.083% |
| 82 | 12.489 | 3537 | 3545 | 3559 | rVB | 34575 | 54429 | 0.40% | 0.137% |
| 83 | 12.575 | 3564 | 3572 | 3578 | rBV7 | 6482 | 10199 | 0.07% | 0.026% |
| 84 | 12.749 | 3621 | 3626 | 3633 | rVB4 | 9489 | 12614 | 0.09% | 0.032% |
| 85 | 12.820 | 3640 | 3648 | 3655 | rVB4 | 3822 | 4848 | 0.04% | 0.012% |
| 86 | 12.903 | 3657 | 3674 | 3692 | rBV2 | 38888 | 81424 | 0.60% | 0.205% |
| 87 | 13.025 | 3705 | 3712 | 3717 | rBV4 | 4487 | 6648 | 0.05% | 0.017% |
| 88 | 13.071 | 3719 | 3726 | 3737 | rVB3 | 17554 | 28446 | 0.21% | 0.072% |
| 89 | 13.119 | 3737 | 3741 | 3745 | rBV5 | 1392 | 1265 | 0.01% | 0.003% |
| 90 | 13.189 | 3759 | 3763 | 3769 | rVB8 | 3377 | 3115 | 0.02% | 0.008% |
| 91 | 13.235 | 3772 | 3777 | 3785 | rBV9 | 1882 | 3153 | 0.02% | 0.008% |
| 92 | 13.296 | 3786 | 3796 | 3801 | rBV6 | 12274 | 19888 | 0.15% | 0.050% |
| 93 | 13.527 | 3858 | 3868 | 3878 | rBV | 41128 | 66686 | 0.49% | 0.168% |
| 94 | 13.630 | 3895 | 3900 | 3902 | rBV5 | 2041 | 1725 | 0.01% | 0.004% |
| 95 | 14.254 | 4089 | 4094 | 4099 | rVV7 | 3297 | 3669 | 0.03% | 0.009% |
| 96 | 14.315 | 4111 | 4113 | 4116 | rVV4 | 2086 | 1601 | 0.01% | 0.004% |
| 97 | 14.656 | 4210 | 4219 | 4229 | rBV4 | 9792 | 16143 | 0.12% | 0.041% |
| 98 | 14.842 | 4271 | 4277 | 4289 | rBV4 | 6349 | 8872 | 0.06% | 0.022% |
| 99 | 15.267 | 4406 | 4409 | 4412 | rVB4 | 1875 | 1244 | 0.01% | 0.003% |
| 100 | 16.424 | 4766 | 4769 | 4773 | rBV5 | 2901 | 2310 | 0.02% | 0.006% |

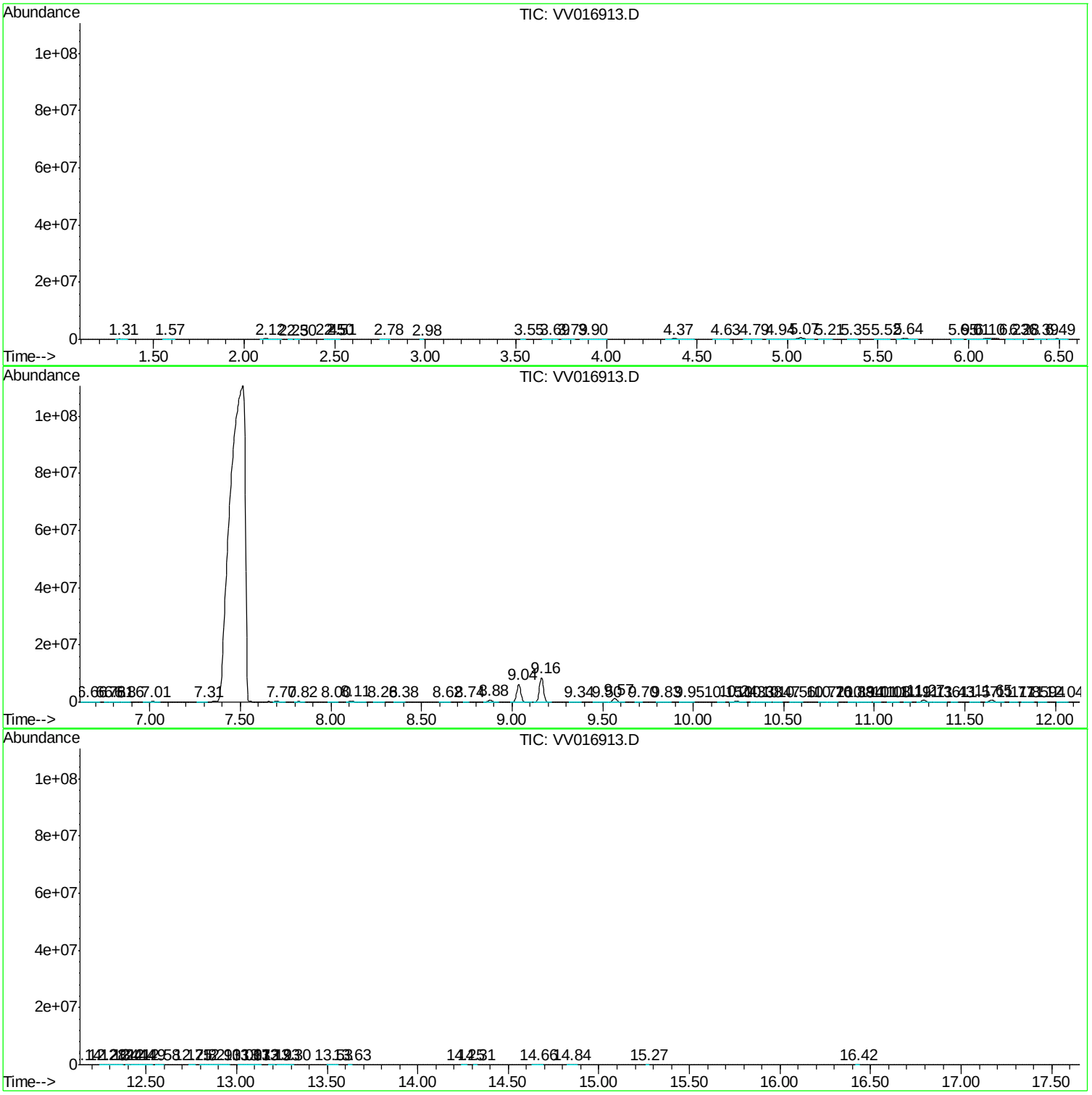
Sum of corrected areas: 39711125

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

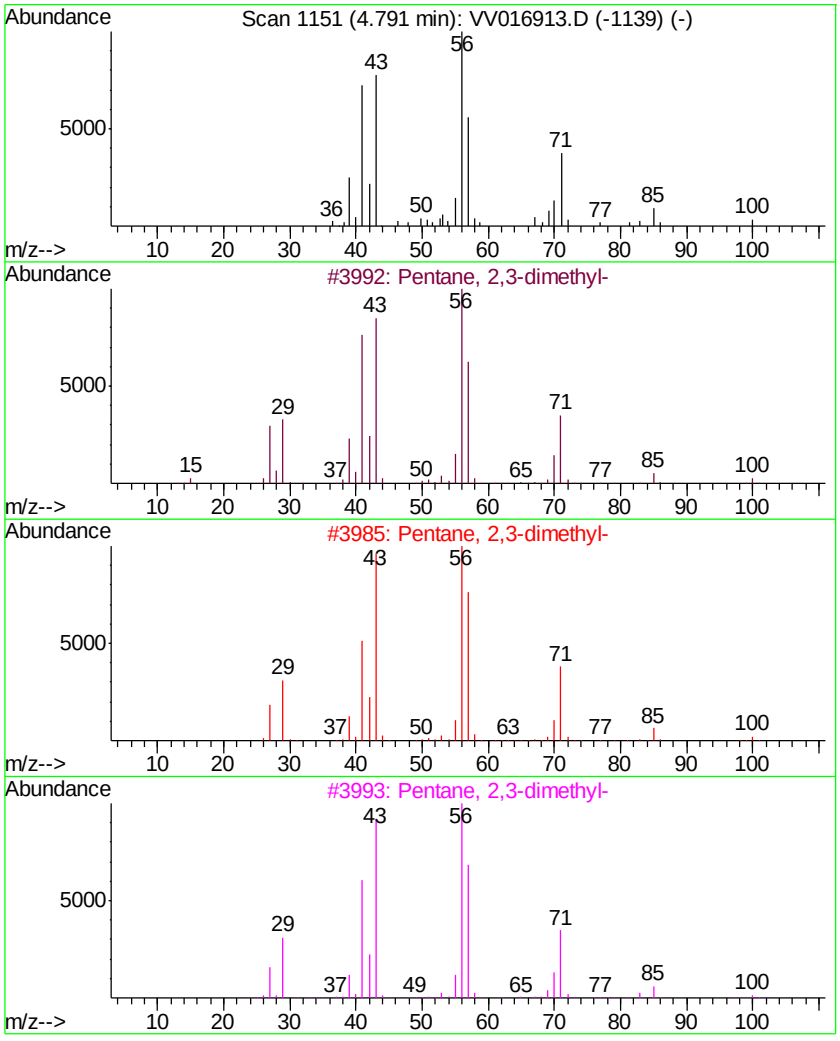
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

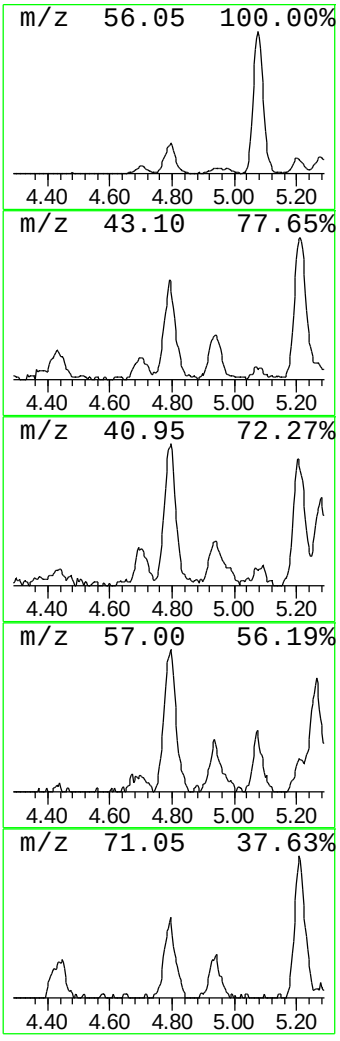
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.79 | 4.19 ug/L | 74756 | 1,4-Difluorobenzene | 5.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 91 |
| 2 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 91 |
| 3 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 80 |
| 4 | Pentane, 2,3-dimethyl- | 100 | C7H16 | 000565-59-3 | 80 |
| 5 | Aziridine, 2-methyl- | 57 | C3H7N | 000075-55-8 | 47 |



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

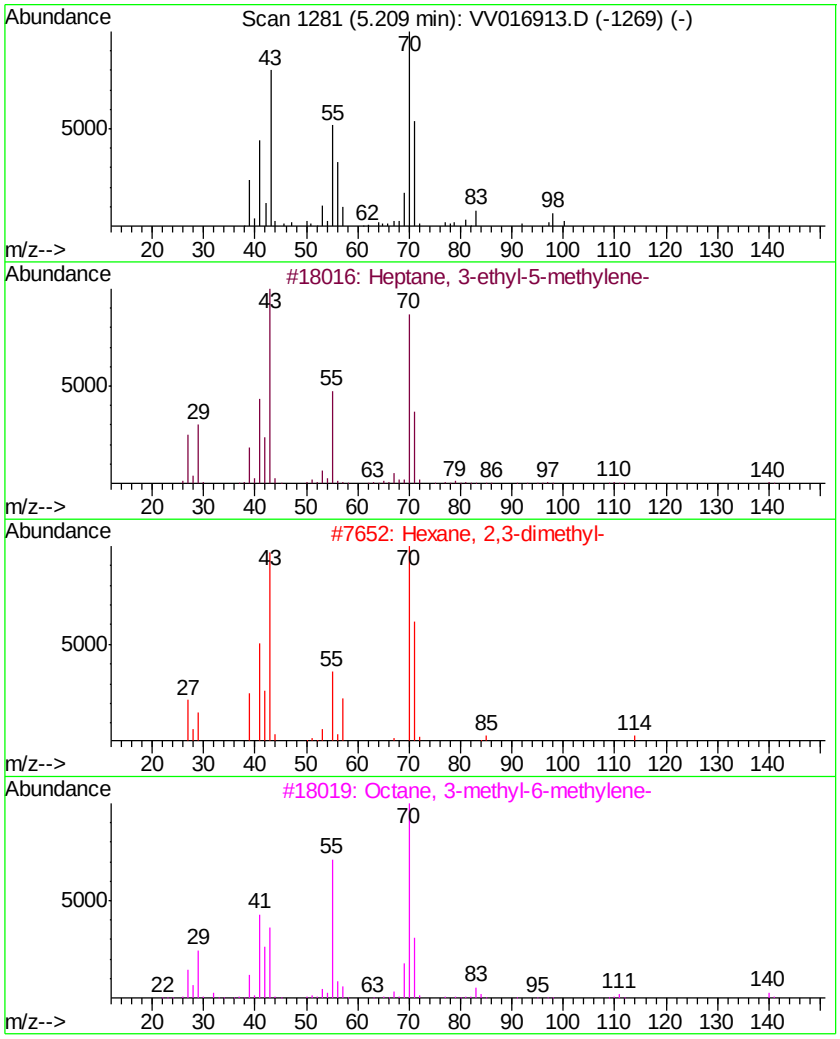
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

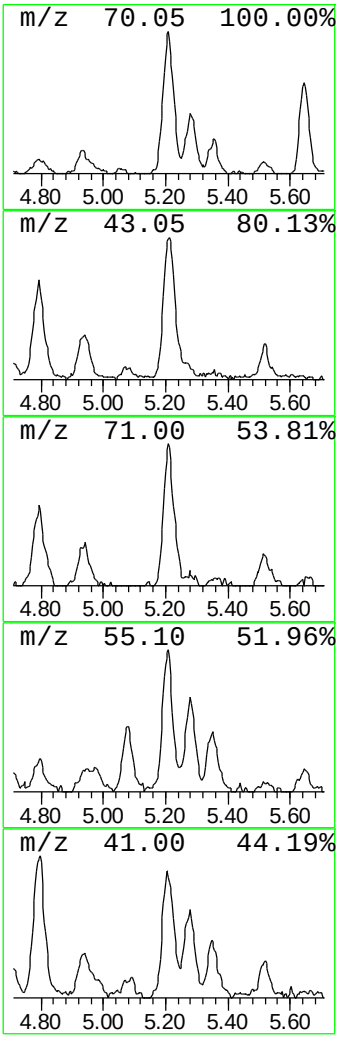
**********

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.21 | 5.18 ug/L | 92500 | 1,4-Difluorobenzene | 5.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-ethyl-5-methylene- | 140 | C10H20 | 1000160-41-7 | 40 |
| 2 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 38 |
| 3 | Octane, 3-methyl-6-methylene- | 140 | C10H20 | 074630-07-2 | 38 |
| 4 | Tridecane, 3-methylene- | 196 | C14H28 | 019780-34-8 | 33 |
| 5 | Hexane, 3-methyl- | 100 | C7H16 | 000589-34-4 | 27 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

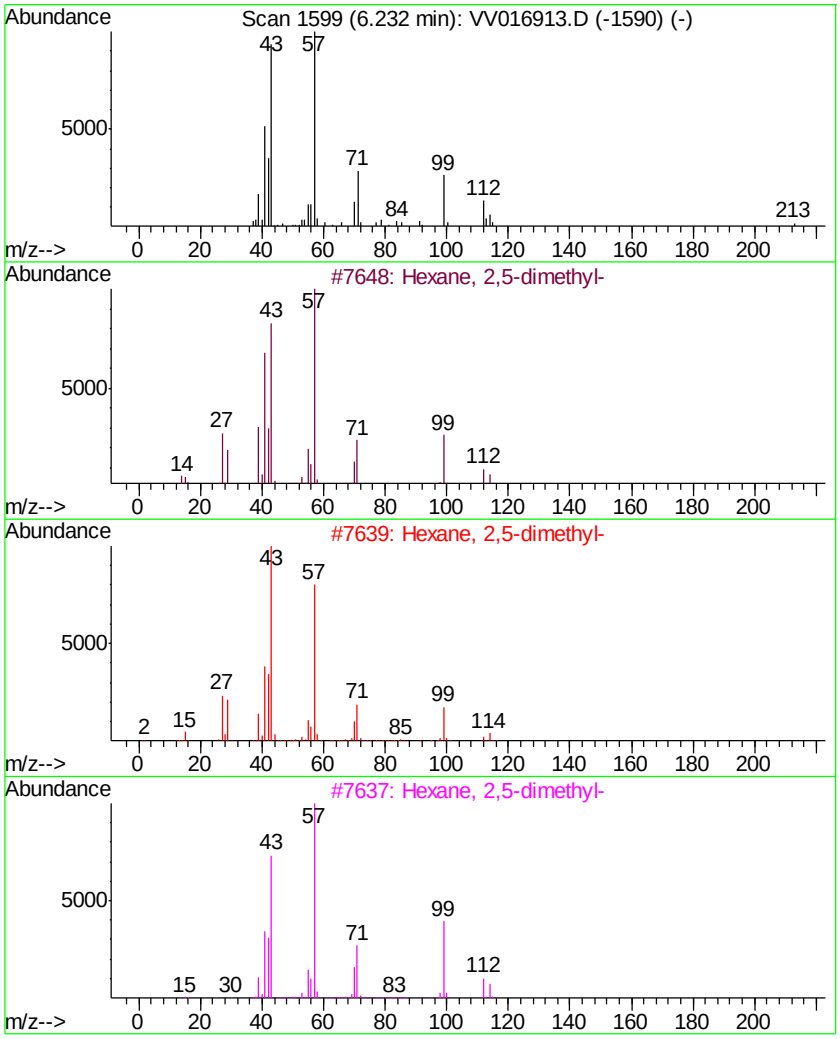
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

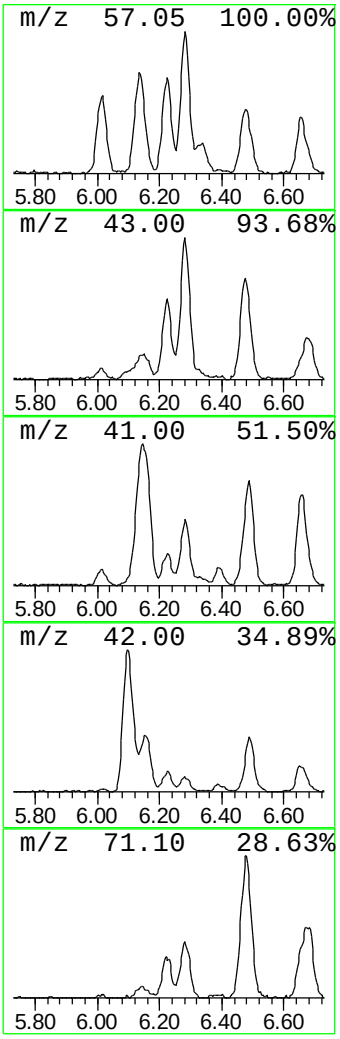
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.23 | 2.67 ug/L | 47713 | 1,4-Difluorobenzene | 5.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,5-dimethyl- | 114 | C8H18 | 000592-13-2 | 90 |
| 2 | Hexane, 2,5-dimethyl- | 114 | C8H18 | 000592-13-2 | 87 |
| 3 | Hexane, 2,5-dimethyl- | 114 | C8H18 | 000592-13-2 | 87 |
| 4 | Heptane, 2-methyl- | 114 | C8H18 | 000592-27-8 | 72 |
| 5 | Heptane, 2-methyl- | 114 | C8H18 | 000592-27-8 | 64 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

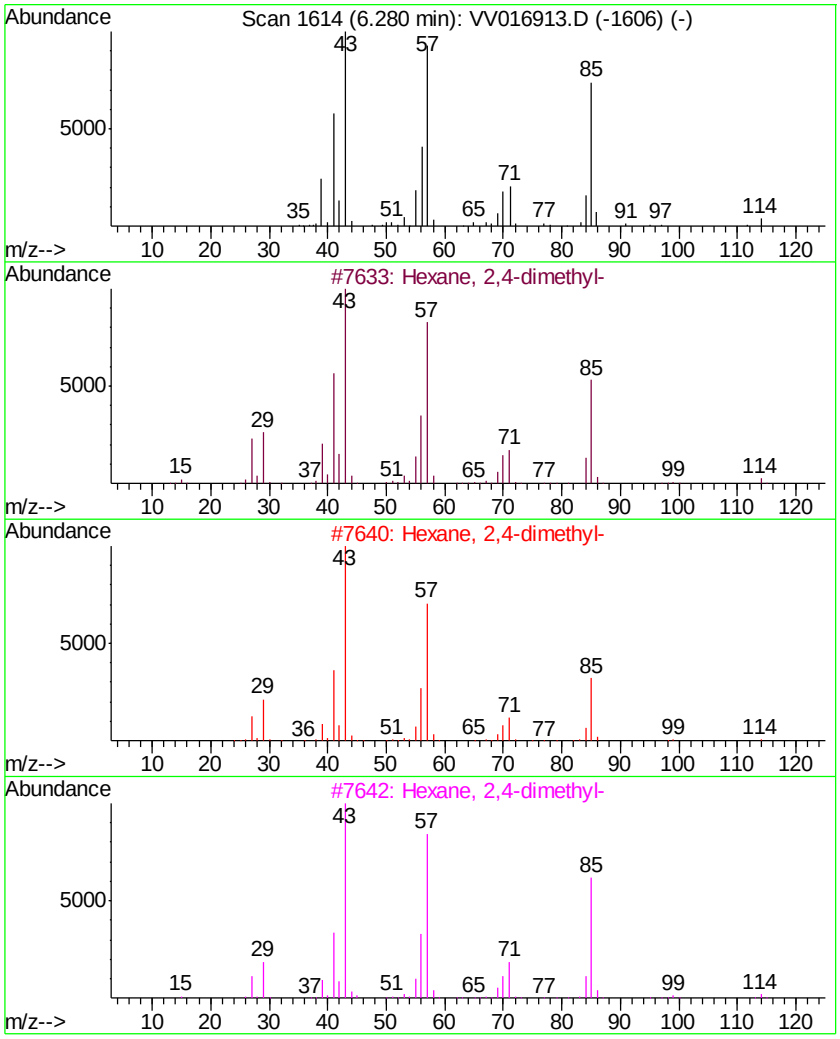
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

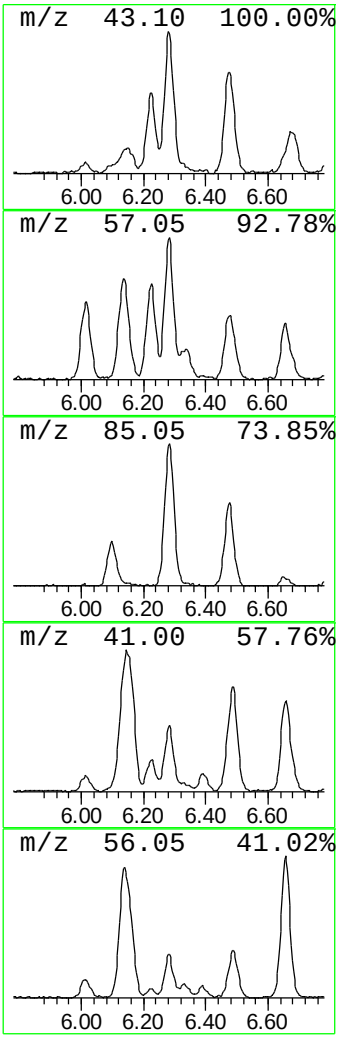
**********

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.28 | 7.84 ug/L | 140063 | 1,4-Difluorobenzene | 5.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 94 |
| 2 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 91 |
| 3 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 91 |
| 4 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 91 |
| 5 | Heptane, 3-methyl- | 114 | C8H18 | 000589-81-1 | 72 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

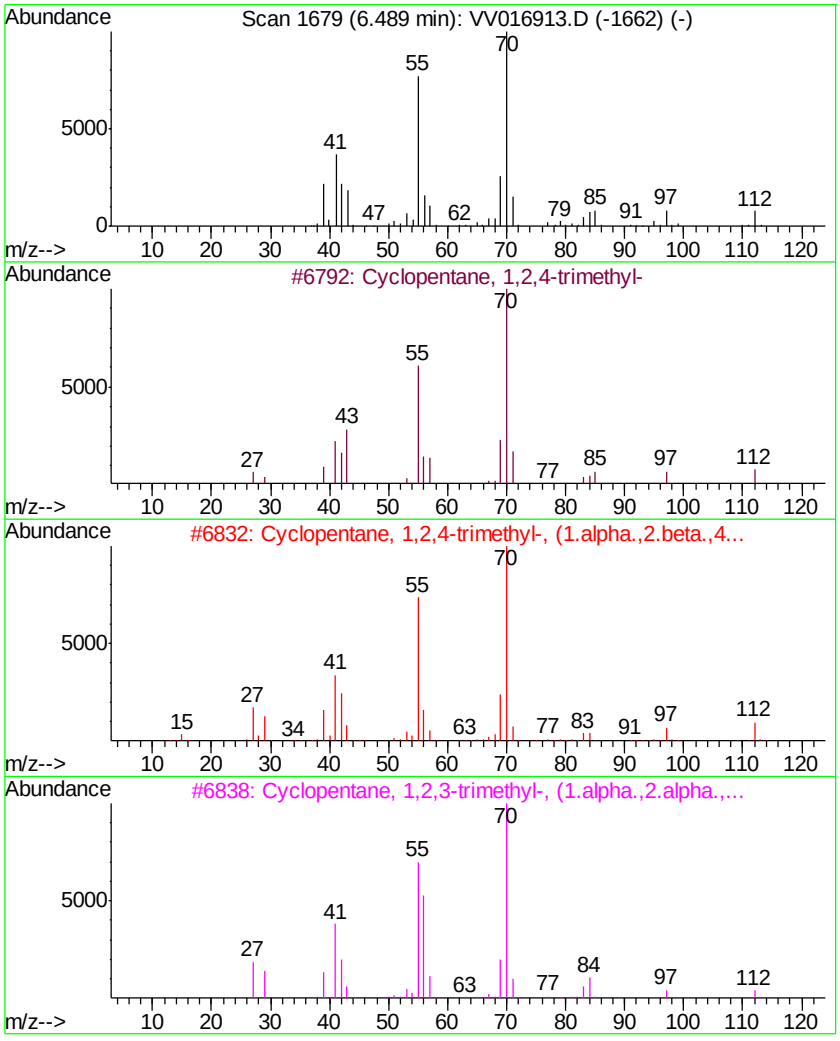
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

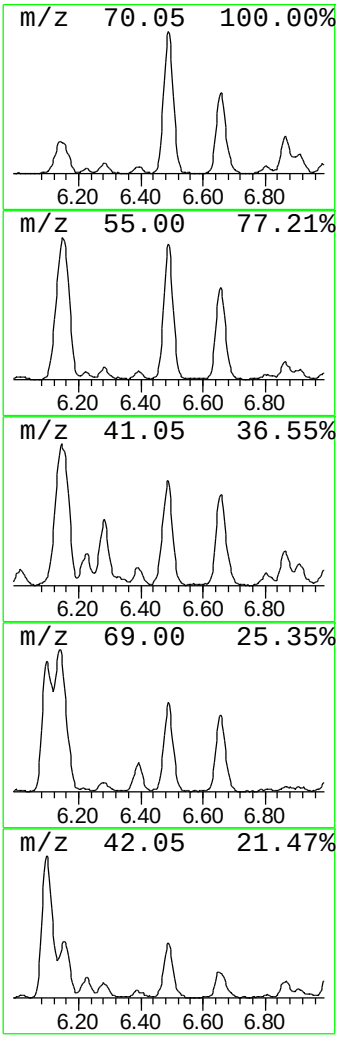
**********

Peak Number 5 (DEL) Alkane: Cyclic6.49 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.49 | 24.08 ug/L | 429890 | 1,4-Difluorobenzene | 5.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2,4-trimethyl- | 112 | C8H16 | 002815-58-9 | 94 |
| 2 | Cyclopentane, 1,2,4-trimethyl-, ... | 112 | C8H16 | 016883-48-0 | 87 |
| 3 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 83 |
| 4 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 80 |
| 5 | Cyclopentane, 1,2,4-trimethyl-, ... | 112 | C8H16 | 004850-28-6 | 80 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

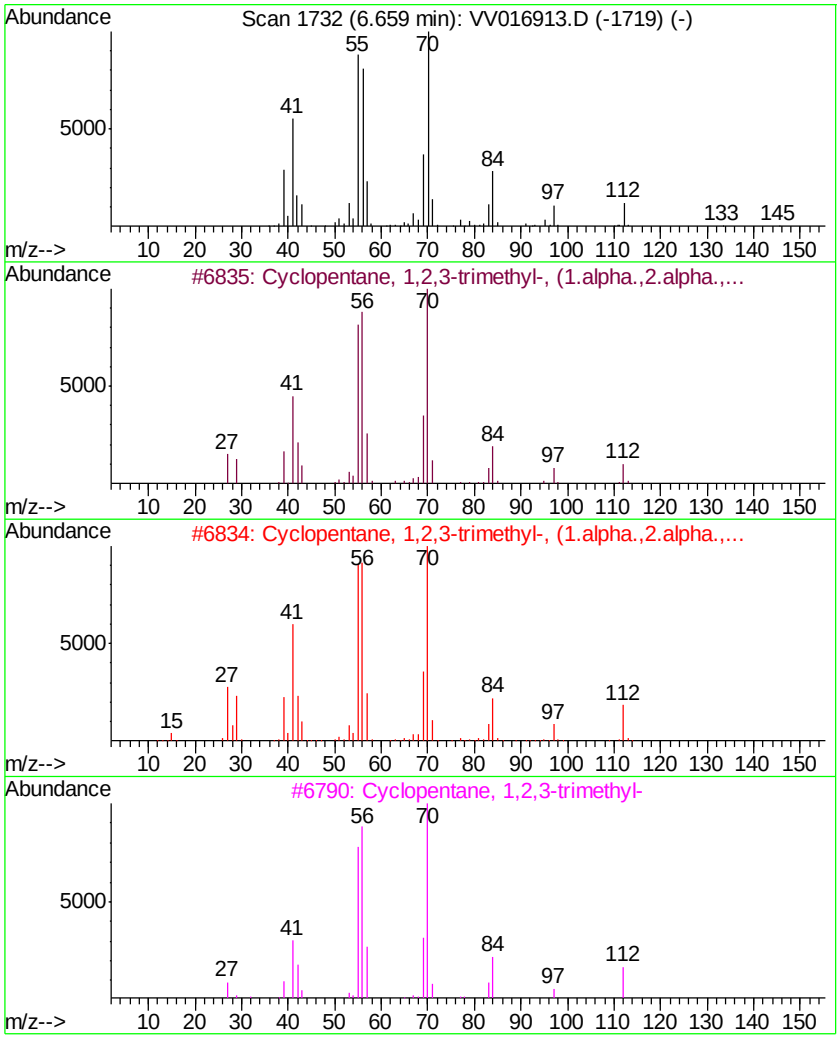
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

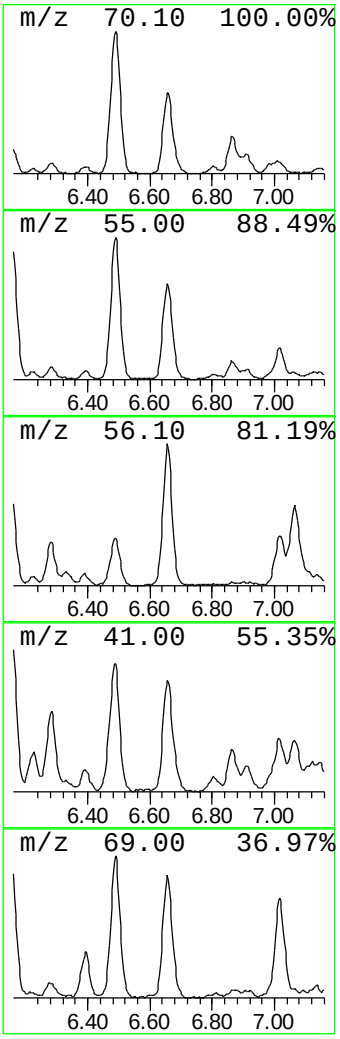
**********

Peak Number 6 (DEL) Alkane: Cyclic6.66 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.66 | 18.81 ug/L | 335898 | 1,4-Difluorobenzene | 5.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 015890-40-1 | 94 |
| 2 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 015890-40-1 | 94 |
| 3 | Cyclopentane, 1,2,3-trimethyl- | 112 | C8H16 | 002815-57-8 | 91 |
| 4 | 1-Heptene, 3-methyl- | 112 | C8H16 | 004810-09-7 | 80 |
| 5 | Cyclopentane, 1,2-dimethyl-, cis- | 98 | C7H14 | 001192-18-3 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

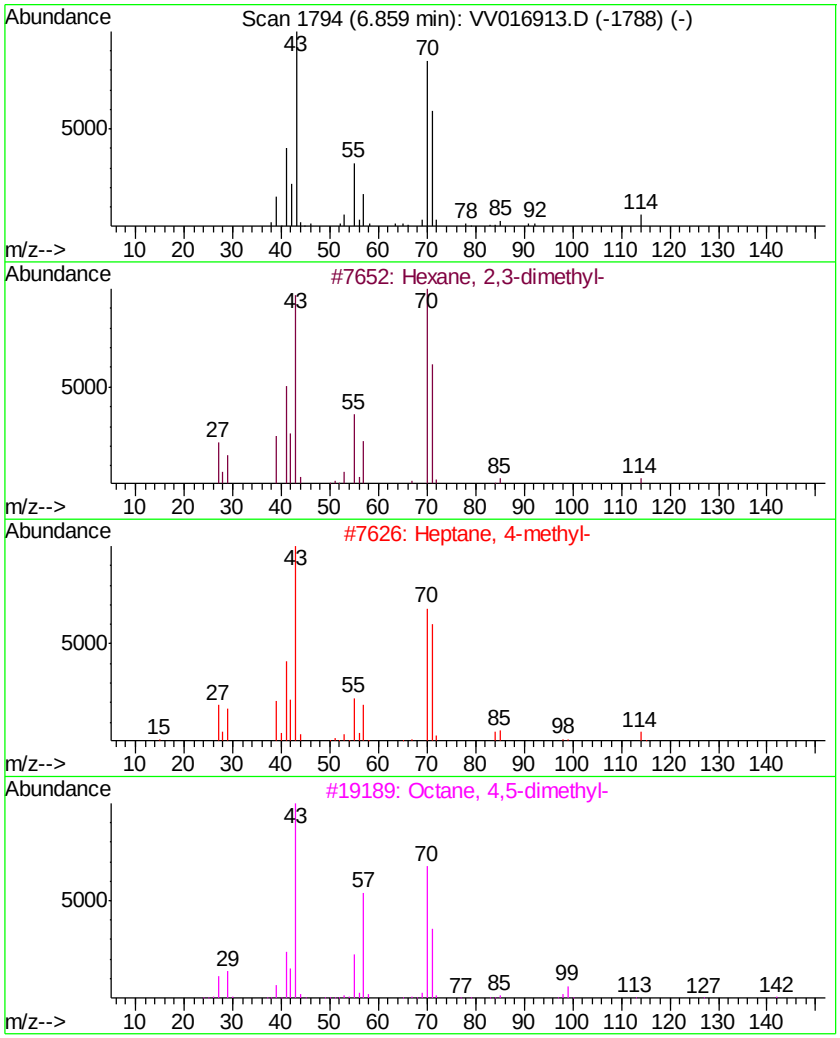
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

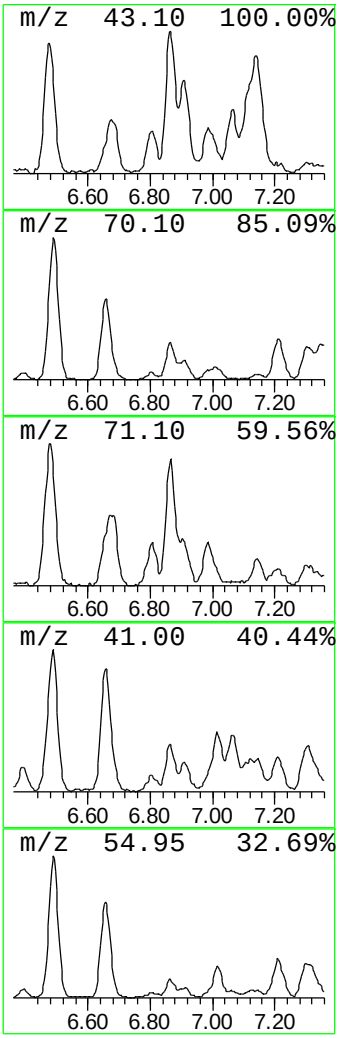
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.86 | 3.95 ug/L | 70592 | 1,4-Difluorobenzene | 5.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 94 |
| 2 | Heptane, 4-methyl- | 114 | C8H18 | 000589-53-7 | 90 |
| 3 | Octane, 4,5-dimethyl- | 142 | C10H22 | 015869-96-2 | 78 |
| 4 | Octane, 4,5-dimethyl- | 142 | C10H22 | 015869-96-2 | 78 |
| 5 | Pyrrolidine | 71 | C4H9N | 000123-75-1 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

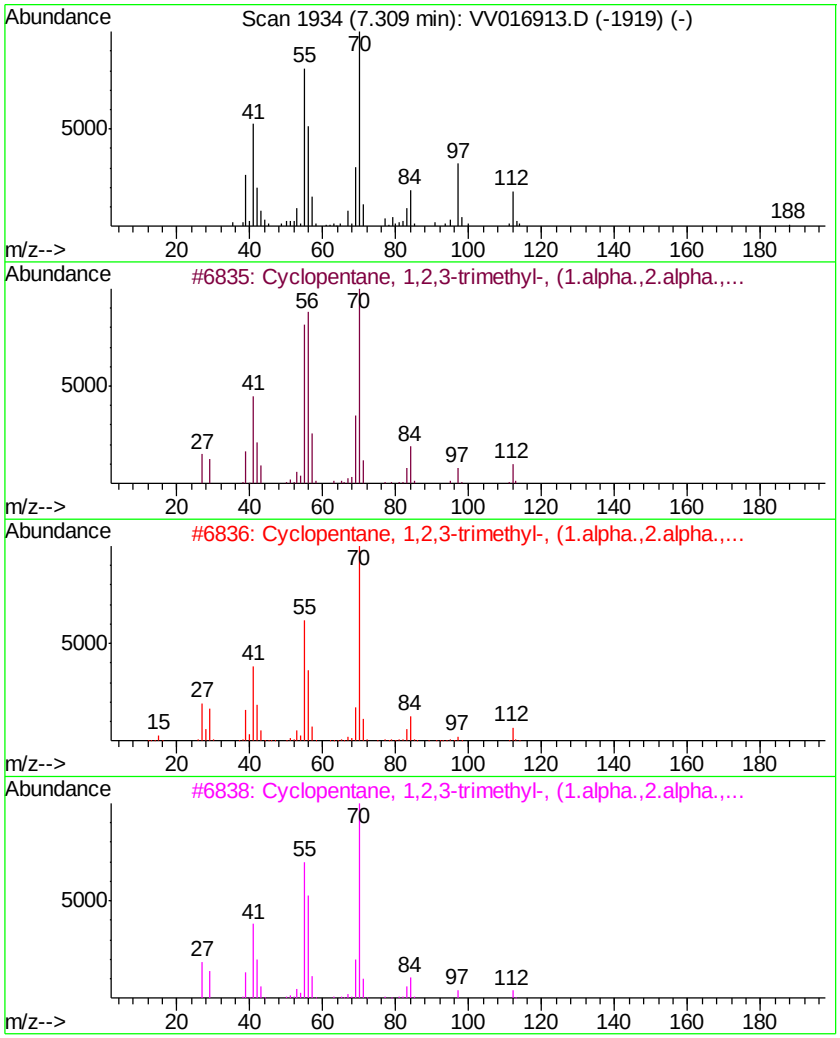
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

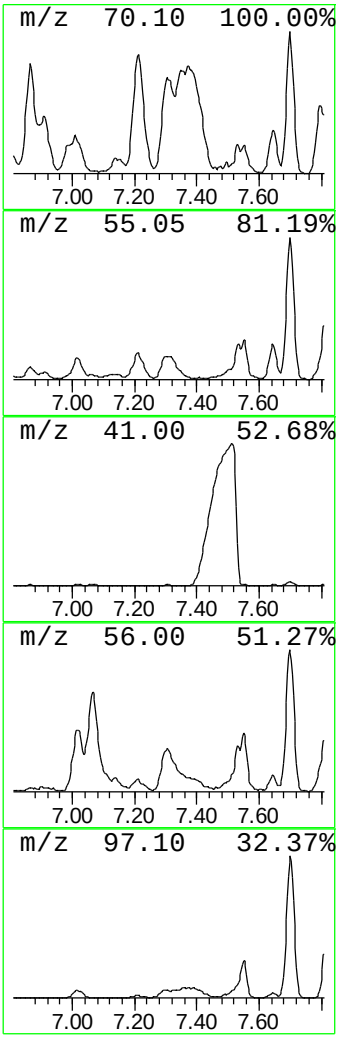
**********

Peak Number 9 (DEL) Alkane: Cyclic7.31 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.31 | 4.63 ug/L | 99127 | Chlorobenzene-d5 | 8.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 015890-40-1 | 81 |
| 2 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 64 |
| 3 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 002613-69-6 | 64 |
| 4 | Cyclopentane, 1,2,3-trimethyl- | 112 | C8H16 | 002815-57-8 | 62 |
| 5 | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16 | 015890-40-1 | 62 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

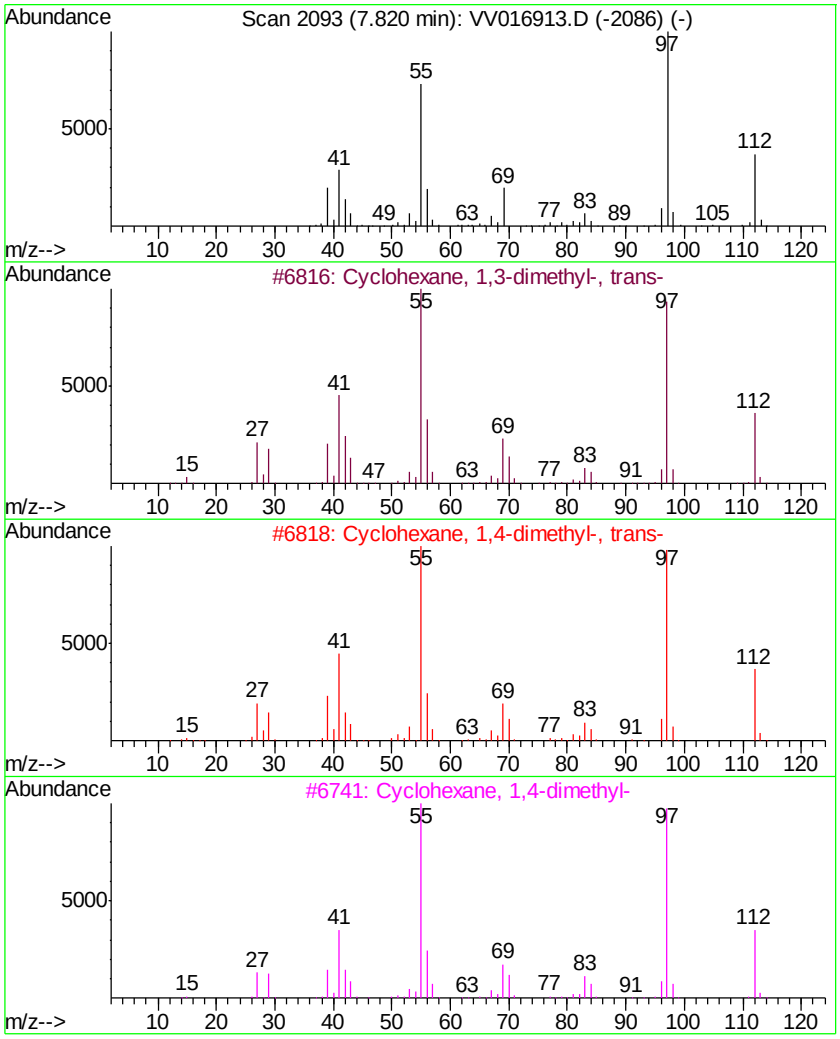
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

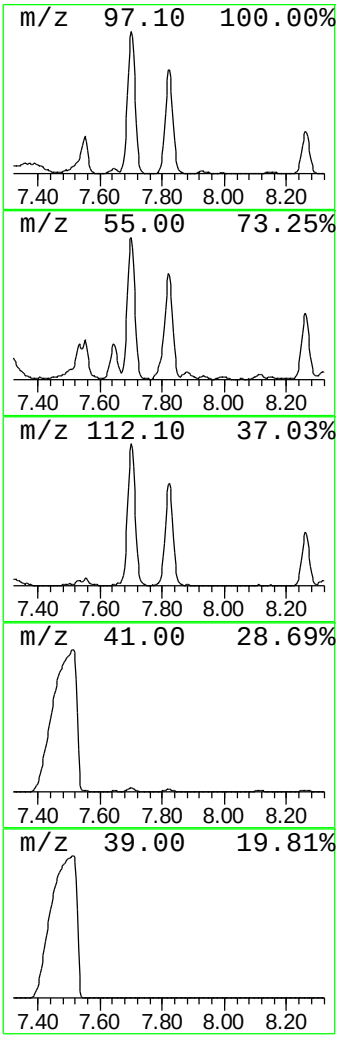
**********

Peak Number 10 (DEL) Alkane: Cyclic7.82 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.82 | 14.90 ug/L | 318812 | Chlorobenzene-d5 | 8.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 91 |
| 2 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 91 |
| 3 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 91 |
| 4 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 91 |
| 5 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 91 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

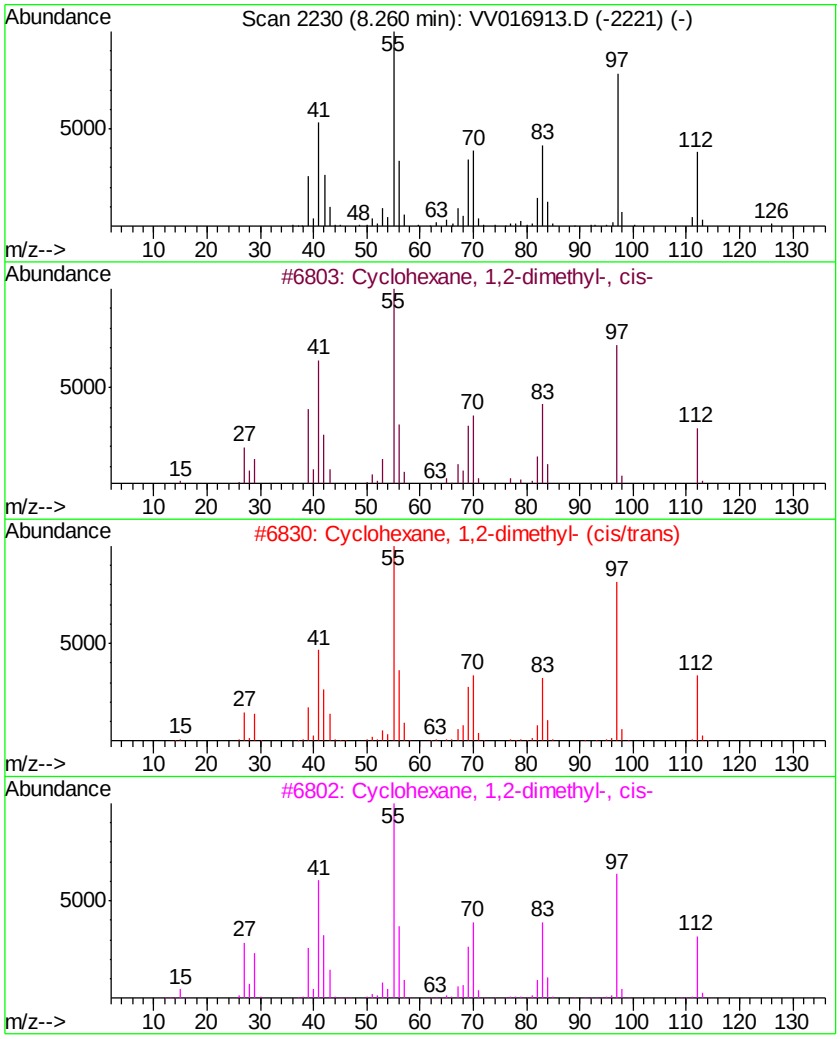
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

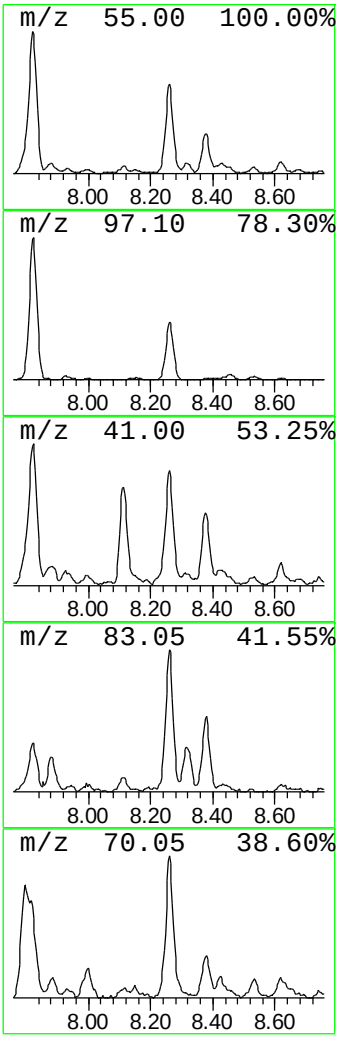
**********

Peak Number 11 (DEL) Alkane: Cyclic8.26 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.26 | 10.21 ug/L | 218429 | Chlorobenzene-d5 | 8.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, cis- | 112 | C8H16 | 002207-01-4 | 94 |
| 2 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 94 |
| 3 | Cyclohexane, 1,2-dimethyl-, cis- | 112 | C8H16 | 002207-01-4 | 81 |
| 4 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 76 |
| 5 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 76 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

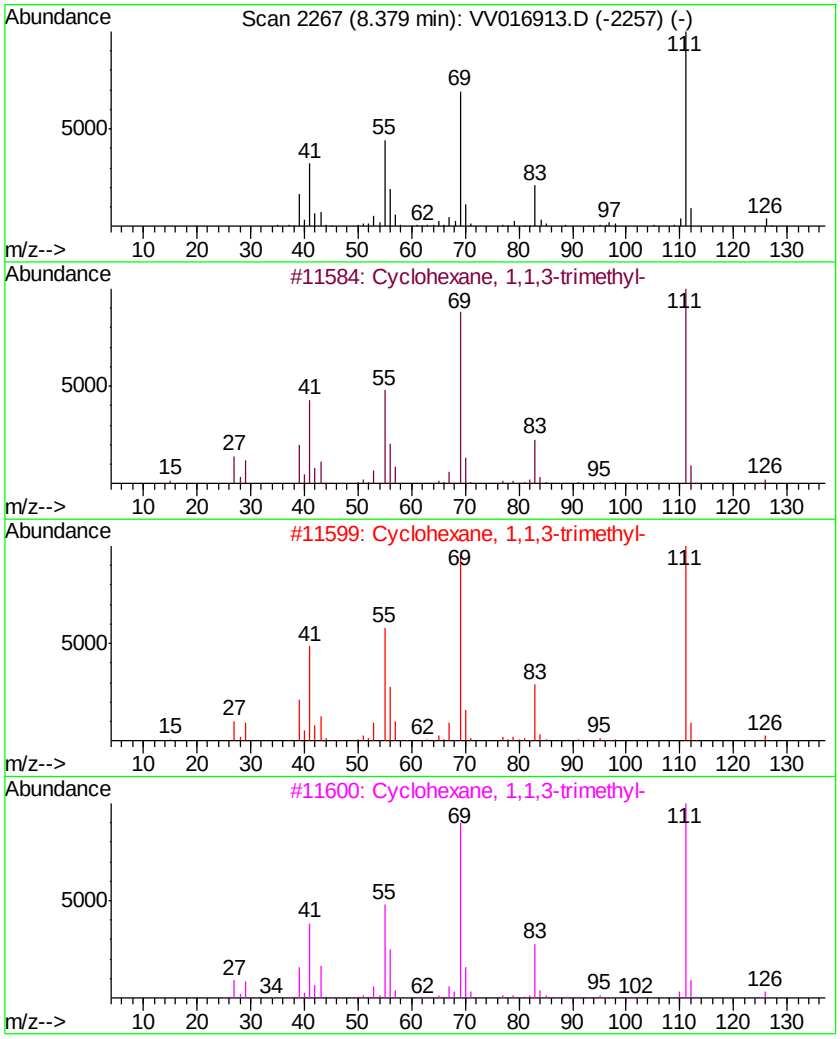
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

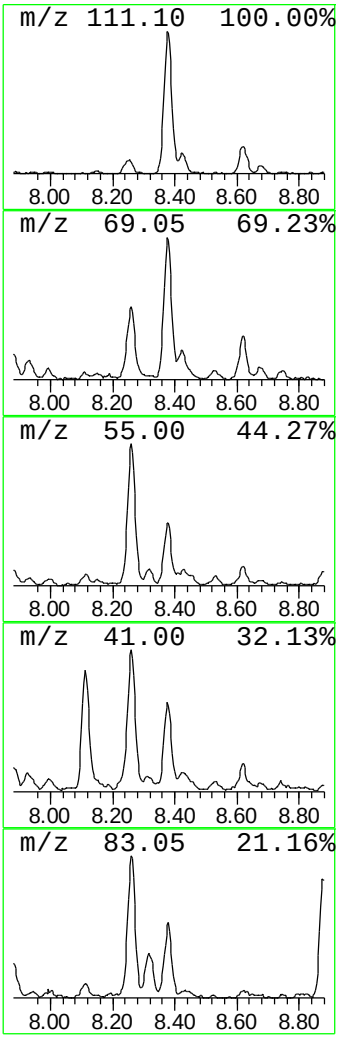
**********

Peak Number 12 (DEL) Alkane: Cyclic8.38 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.38 | 6.64 ug/L | 142044 | Chlorobenzene-d5 | 8.88 |

| 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 | 91 |
| 3 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 91 |
| 4 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 83 |
| 5 | Cyclohexane, 1,4-dimethyl-2-octa... | 364 | C26H52 | 055282-02-5 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

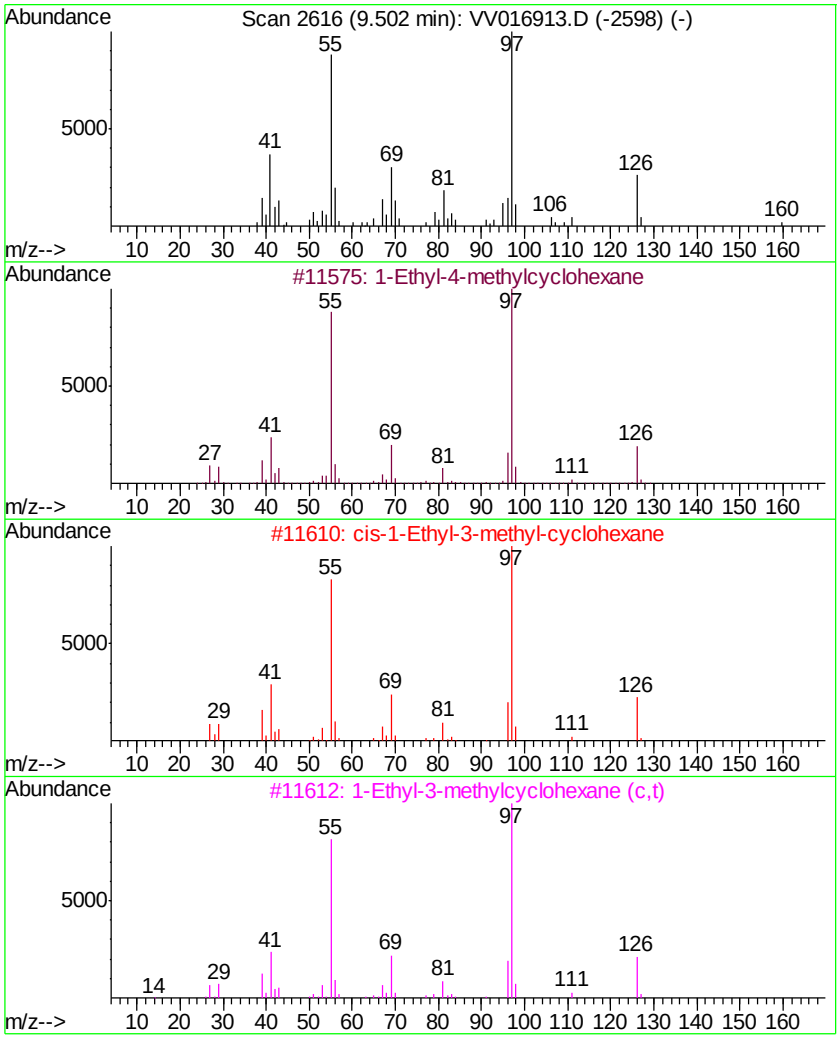
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

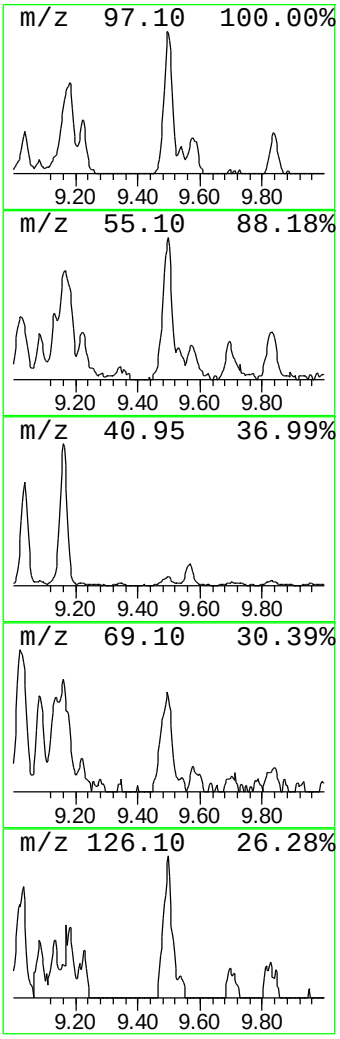
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.50 | 3.21 ug/L | 68723 | Chlorobenzene-d5 | 8.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Ethyl-4-methylcyclohexane | 126 | C9H18 | 003728-56-1 | 86 |
| 2 | cis-1-Ethyl-3-methyl-cyclohexane | 126 | C9H18 | 019489-10-2 | 74 |
| 3 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 74 |
| 4 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 74 |
| 5 | 3,5-Dimethyl-3-heptene | 126 | C9H18 | 059643-68-4 | 72 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

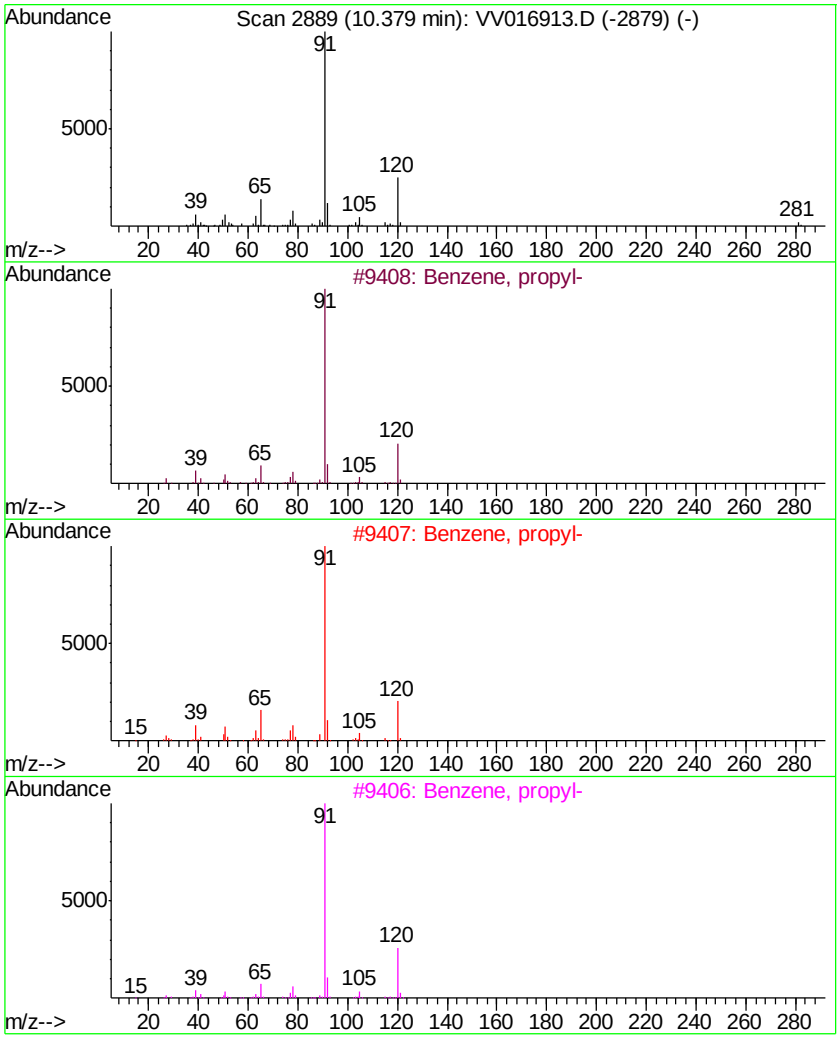
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

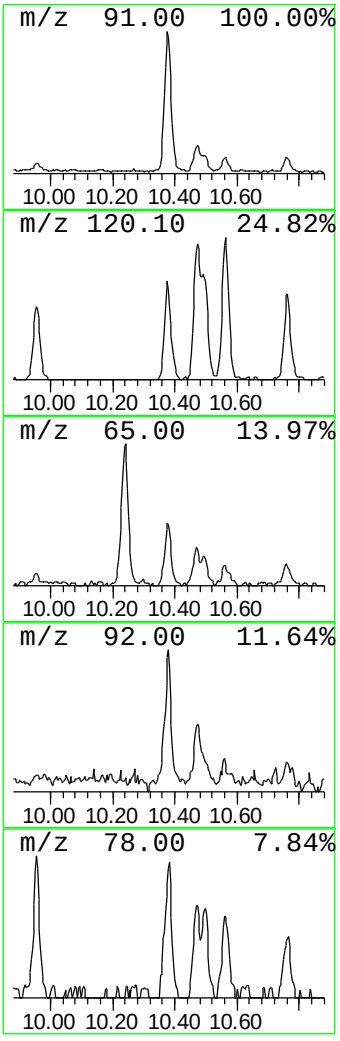
**********

Peak Number 14 Benzene, propyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.38 | 3.60 ug/L | 83239 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 83 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 83 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 64 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

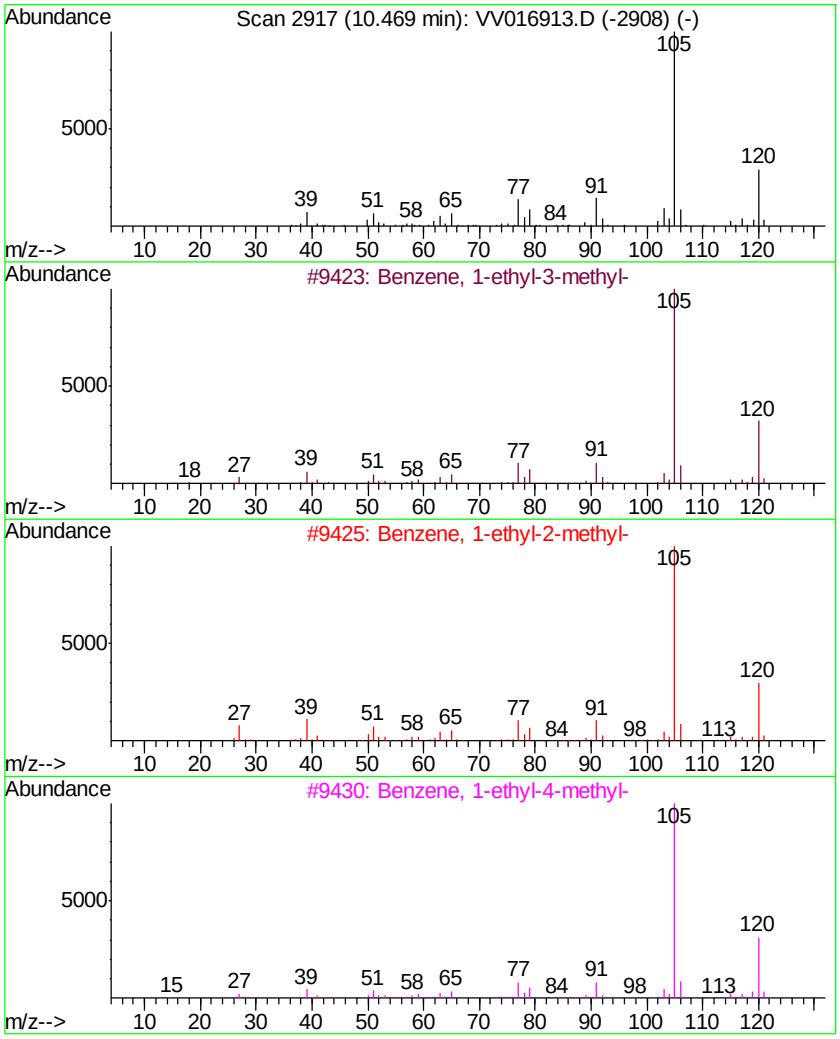
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

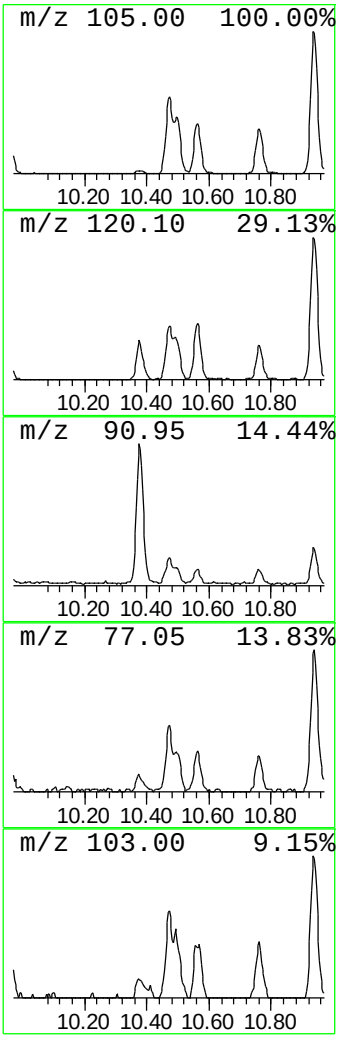
**********

Peak Number 15 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.47 | 4.94 ug/L | 114441 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 97 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

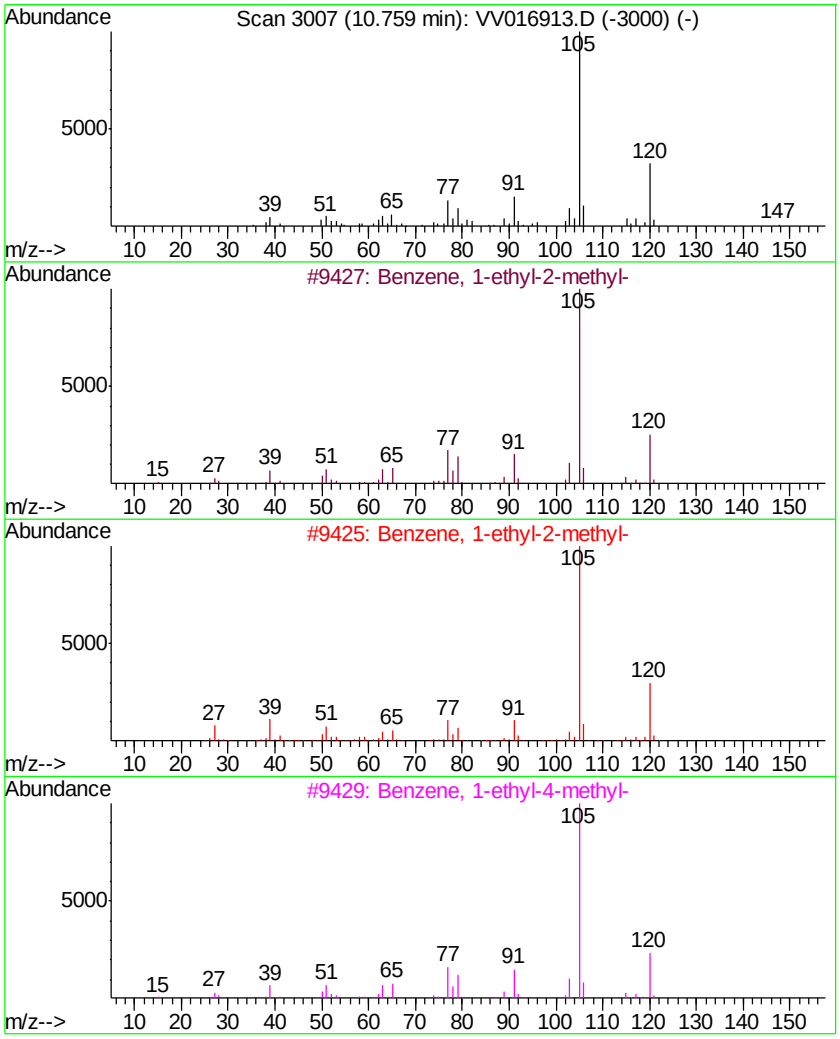
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

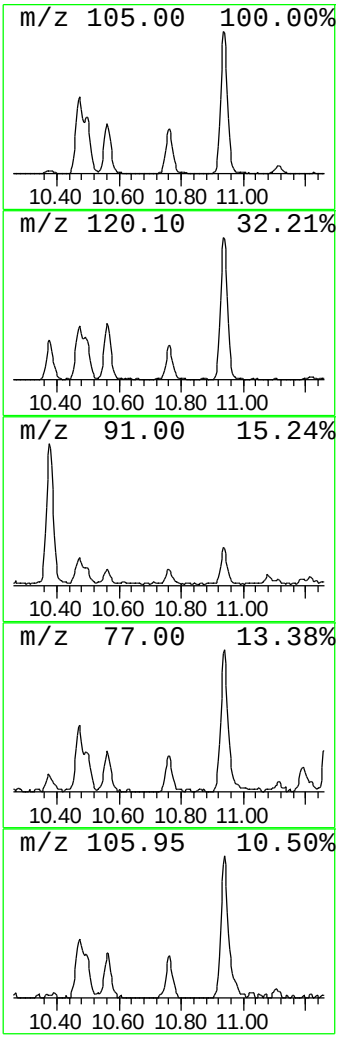
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.76 | 3.11 ug/L | 71974 | 1,4-Dichlorobenzene-d4 | 11.27 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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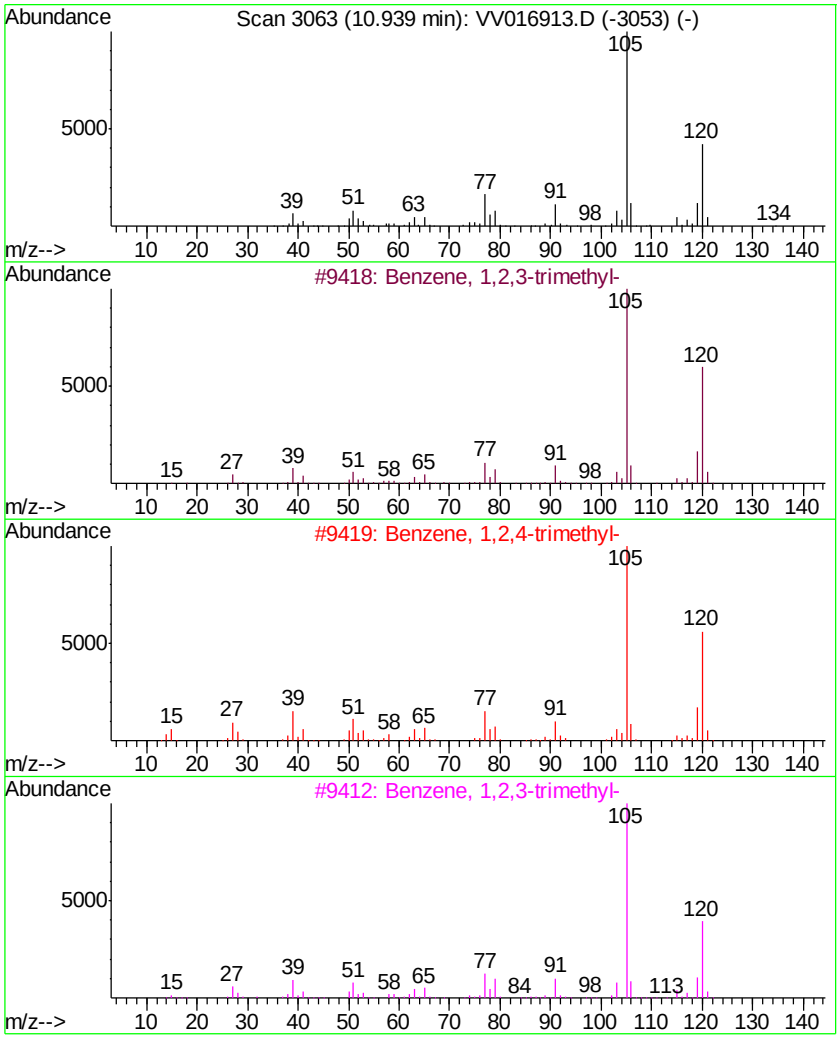
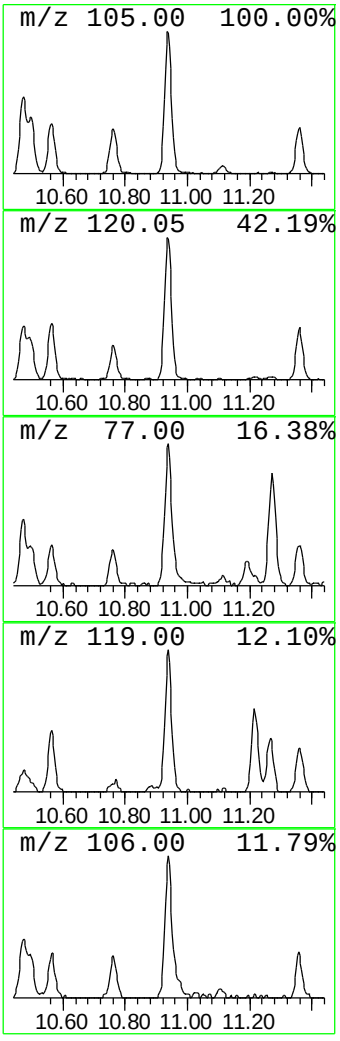
Peak Number 18 Benzene, 1,2,3-trimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.94 | 9.55 ug/L | 221151 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 93 |



# Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

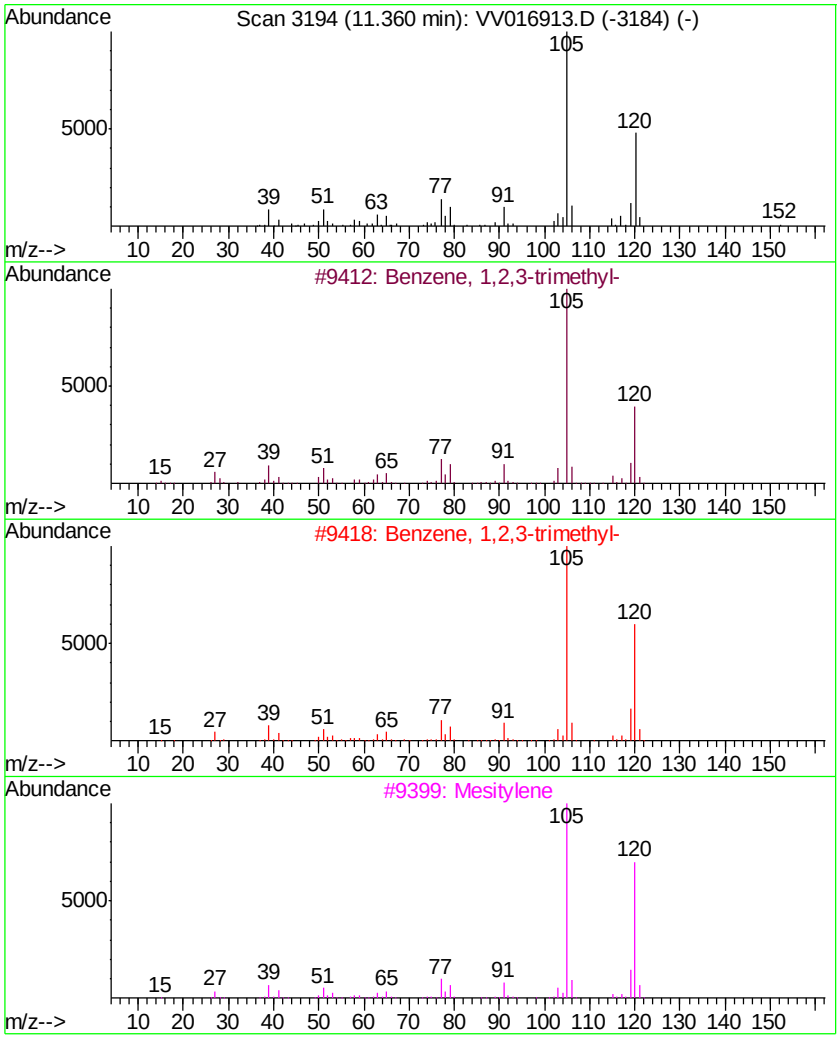
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

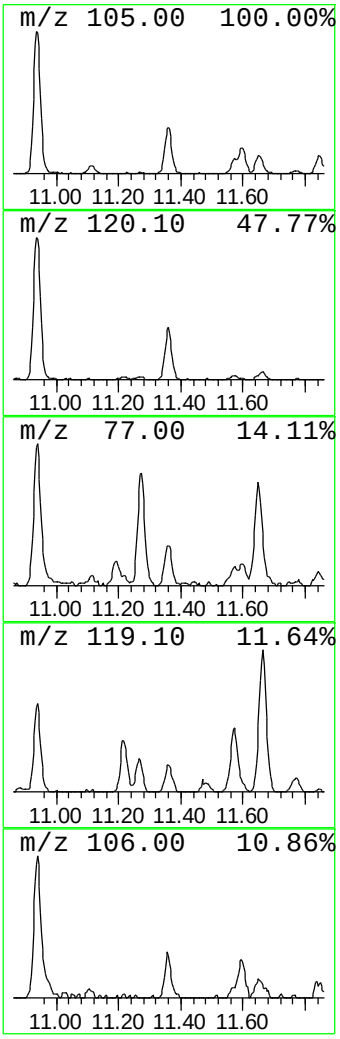
**********

Peak Number 19 Mesitylene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.36 | 3.30 ug/L | 76433 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

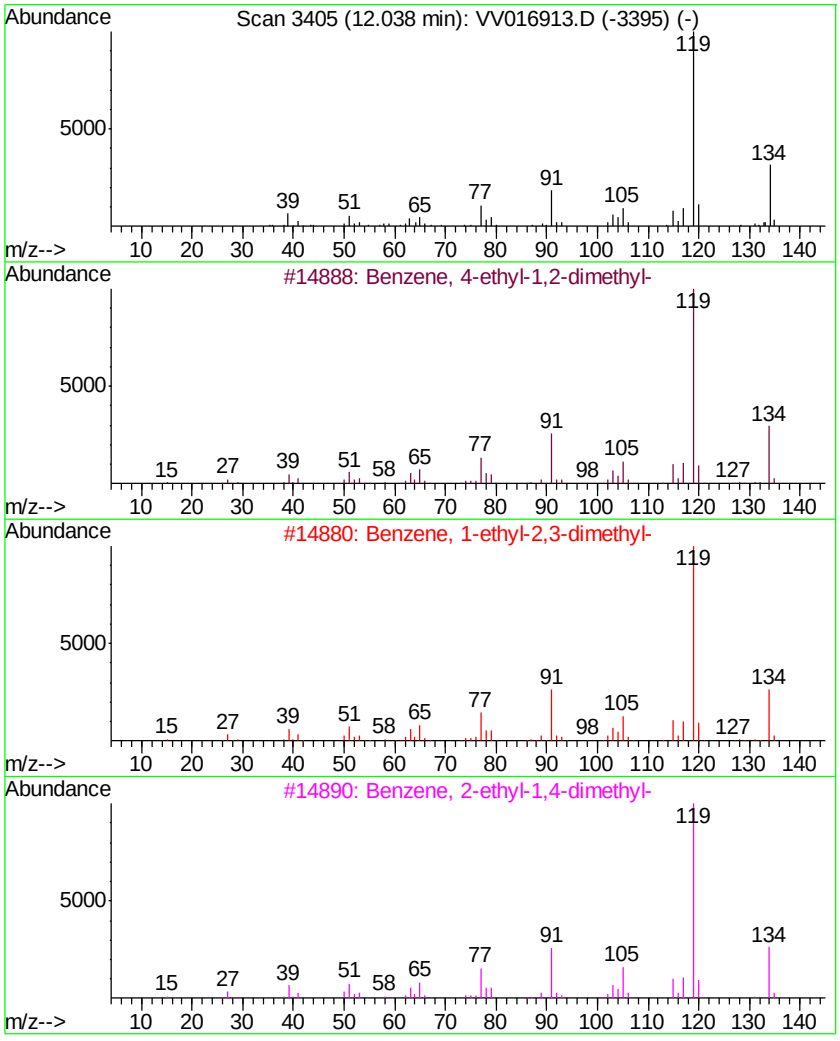
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

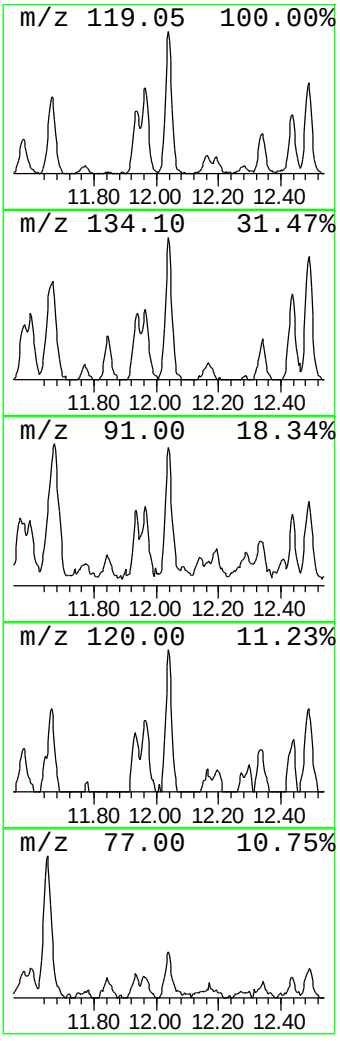
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.04 | 3.29 ug/L | 76053 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 2 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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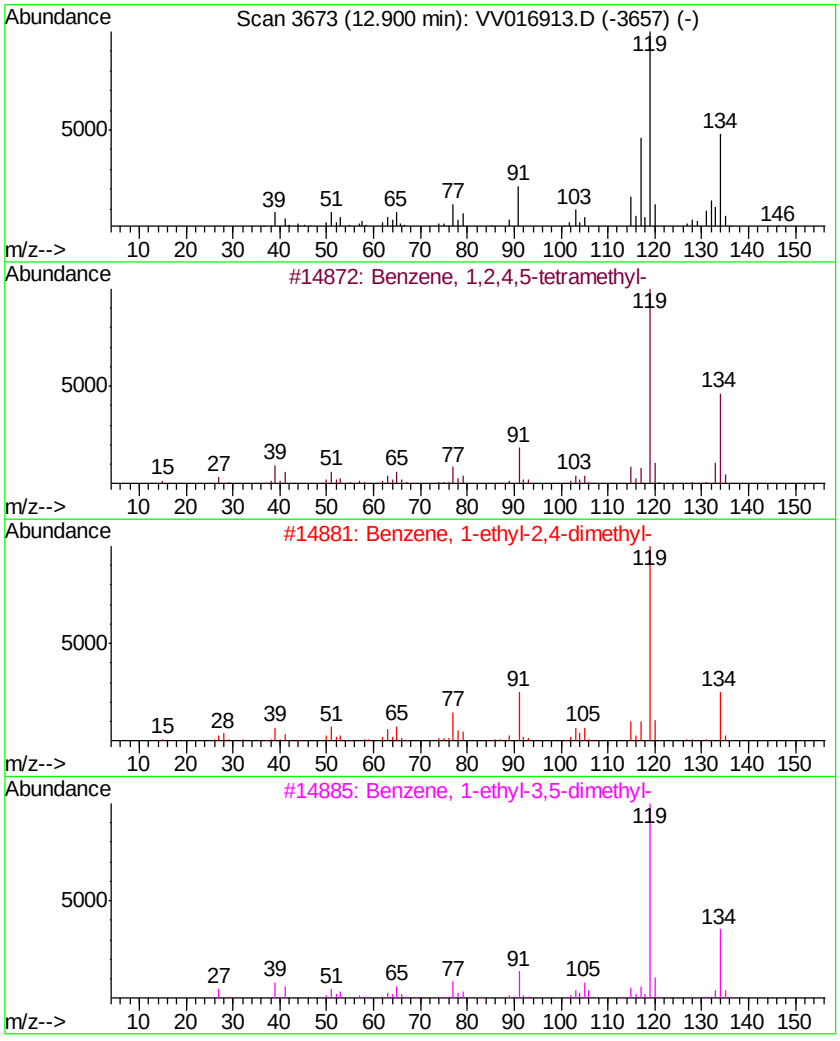
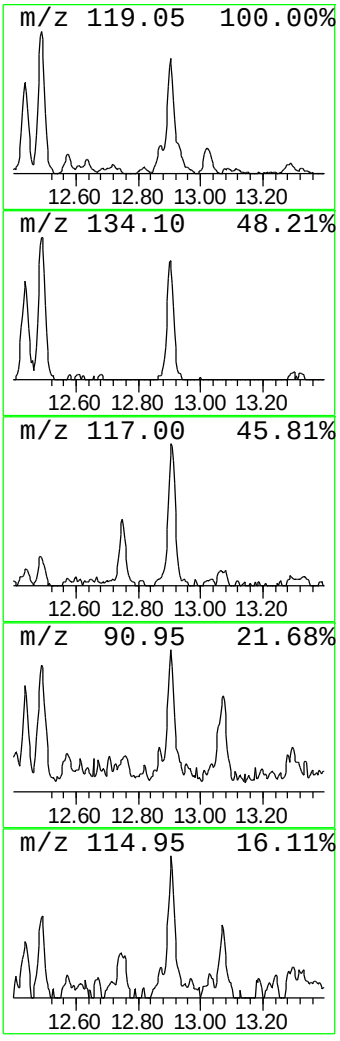
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.90 | 3.52 ug/L | 81424 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 70 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 70 |
| 3 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 62 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 62 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 62 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061220\
Data File : VV016913.D
Acq On : 13 Jun 2020 05:40
Operator : SY/MD
Sample : L2990-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E3YG9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: Str... | 4.79 | 4.2 | ug/L | 74756 | 1 | 5.65 | 892742 | 50.0 |
| (DEL) Alkane: Str... | 5.21 | 5.2 | ug/L | 92500 | 1 | 5.65 | 892742 | 50.0 |
| (DEL) Alkane: Str... | 6.23 | 2.7 | ug/L | 47713 | 1 | 5.65 | 892742 | 50.0 |
| (DEL) Alkane: Str... | 6.28 | 7.8 | ug/L | 140063 | 1 | 5.65 | 892742 | 50.0 |
| (DEL) Alkane: Cyc... | 6.49 | 24.1 | ug/L | 429890 | 1 | 5.65 | 892742 | 50.0 |
| (DEL) Alkane: Cyc... | 6.66 | 18.8 | ug/L | 335898 | 1 | 5.65 | 892742 | 50.0 |
| (DEL) Alkane: Str... | 6.86 | 4.0 | ug/L | 70592 | 1 | 5.65 | 892742 | 50.0 |
| (DEL) Alkane: Cyc... | 7.31 | 4.6 | ug/L | 99127 | 2 | 8.88 | 1069630 | 50.0 |
| (DEL) Alkane: Cyc... | 7.82 | 14.9 | ug/L | 318812 | 2 | 8.88 | 1069630 | 50.0 |
| (DEL) Alkane: Cyc... | 8.26 | 10.2 | ug/L | 218429 | 2 | 8.88 | 1069630 | 50.0 |
| (DEL) Alkane: Cyc... | 8.38 | 6.6 | ug/L | 142044 | 2 | 8.88 | 1069630 | 50.0 |
| (DEL) Alkane: Str... | 9.50 | 3.2 | ug/L | 68723 | 2 | 8.88 | 1069630 | 50.0 |
| Benzene, propyl- | 10.38 | 3.6 | ug/L | 83239 | 3 | 11.27 | 1157330 | 50.0 |
| Benzene, 1-ethyl-... | 10.47 | 4.9 | ug/L | 114441 | 3 | 11.27 | 1157330 | 50.0 |
| Benzene, 1-ethyl-... | 10.76 | 3.1 | ug/L | 71974 | 3 | 11.27 | 1157330 | 50.0 |
| Benzene, 1,2,3-tr... | 10.94 | 9.6 | ug/L | 221151 | 3 | 11.27 | 1157330 | 50.0 |
| Mesitylene | 11.36 | 3.3 | ug/L | 76433 | 3 | 11.27 | 1157330 | 50.0 |
| Benzene, 4-ethyl-... | 12.04 | 3.3 | ug/L | 76053 | 3 | 11.27 | 1157330 | 50.0 |
| Benzene, 1,2,4,5-... | 12.90 | 3.5 | ug/L | 81424 | 3 | 11.27 | 1157330 | 50.0 |