LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

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_W\METHOD\SOM2WLM062018S.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 | 1.807 | 27 | 36 | 56 | rVV | 7466155 | 15790648 | 100.00% | 49.559% |
| 2 | 1.953 | 56 | 60 | 74 | rVB3 | 26662 | 62415 | 0.40% | 0.196% |
| 3 | 2.173 | 90 | 96 | 101 | rBV3 | 5719 | 11456 | 0.07% | 0.036% |
| 4 | 2.349 | 114 | 125 | 134 | rBV | 101316 | 198894 | 1.26% | 0.624% |
| 5 | 2.453 | 138 | 142 | 145 | rVV5 | 4110 | 6431 | 0.04% | 0.020% |
| 6 | 2.569 | 157 | 161 | 167 | rVB6 | 4462 | 8986 | 0.06% | 0.028% |
| 7 | 2.886 | 207 | 213 | 228 | rVV | 65947 | 177649 | 1.13% | 0.558% |
| 8 | 3.020 | 232 | 235 | 242 | rVB5 | 5245 | 10373 | 0.07% | 0.033% |
| 9 | 3.294 | 271 | 280 | 284 | rBV7 | 5033 | 11727 | 0.07% | 0.037% |
| 10 | 3.380 | 288 | 294 | 311 | rVB3 | 9587 | 30170 | 0.19% | 0.095% |
| 11 | 3.843 | 364 | 370 | 377 | rBV7 | 3792 | 9971 | 0.06% | 0.031% |
| 12 | 4.008 | 385 | 397 | 410 | rBV2 | 129629 | 404002 | 2.56% | 1.268% |
| 13 | 4.148 | 410 | 420 | 442 | rVB | 81537 | 316684 | 2.01% | 0.994% |
| 14 | 4.367 | 448 | 456 | 467 | rBV2 | 10727 | 33253 | 0.21% | 0.104% |
| 15 | 4.916 | 535 | 546 | 556 | rBV7 | 5721 | 23635 | 0.15% | 0.074% |
| 16 | 5.776 | 672 | 687 | 688 | rBV5 | 2439 | 7597 | 0.05% | 0.024% |
| 17 | 5.928 | 705 | 712 | 723 | rVB5 | 4962 | 14296 | 0.09% | 0.045% |
| 18 | 6.288 | 764 | 771 | 782 | rVV5 | 3645 | 11110 | 0.07% | 0.035% |
| 19 | 7.092 | 895 | 903 | 911 | rBV | 27814 | 81352 | 0.52% | 0.255% |
| 20 | 7.190 | 911 | 919 | 931 | rVB | 38923 | 113512 | 0.72% | 0.356% |
| 21 | 7.647 | 985 | 994 | 1007 | rVB | 183779 | 453056 | 2.87% | 1.422% |
| 22 | 8.281 | 1087 | 1098 | 1114 | rBV2 | 358174 | 1072074 | 6.79% | 3.365% |
| 23 | 8.562 | 1137 | 1144 | 1153 | rVB7 | 3425 | 9094 | 0.06% | 0.029% |
| 24 | 8.708 | 1160 | 1168 | 1179 | rVB7 | 4910 | 15482 | 0.10% | 0.049% |
| 25 | 8.848 | 1179 | 1191 | 1204 | rBV | 351883 | 693448 | 4.39% | 2.176% |
| 26 | 9.074 | 1218 | 1228 | 1236 | rBV4 | 9013 | 22795 | 0.14% | 0.072% |
| 27 | 9.281 | 1253 | 1262 | 1276 | rBV | 250519 | 507408 | 3.21% | 1.592% |
| 28 | 9.440 | 1282 | 1288 | 1293 | rBV2 | 5402 | 10329 | 0.07% | 0.032% |
| 29 | 9.891 | 1356 | 1362 | 1368 | rBV8 | 2514 | 6376 | 0.04% | 0.020% |
| 30 | 10.037 | 1379 | 1386 | 1393 | rBV | 95627 | 171090 | 1.08% | 0.537% |
| 31 | 10.330 | 1425 | 1434 | 1441 | rBV | 435670 | 764490 | 4.84% | 2.399% |
| 32 | 10.391 | 1441 | 1444 | 1455 | rVB | 9746 | 19320 | 0.12% | 0.061% |
| 33 | 10.506 | 1455 | 1463 | 1469 | rBV4 | 10401 | 19568 | 0.12% | 0.061% |
| 34 | 10.580 | 1469 | 1475 | 1489 | rVB | 63336 | 123082 | 0.78% | 0.386% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

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_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.702 | 1491 | 1495 | 1499 | rBV6 | 3639 | 6886 | 0.04% | 0.022% |
| 36 | 10.854 | 1512 | 1520 | 1526 | rBV7 | 5671 | 13234 | 0.08% | 0.042% |
| 37 | 10.933 | 1526 | 1533 | 1540 | rBV | 115157 | 224226 | 1.42% | 0.704% |
| 38 | 11.006 | 1541 | 1545 | 1547 | rVB3 | 8147 | 8872 | 0.06% | 0.028% |
| 39 | 11.073 | 1551 | 1556 | 1562 | rVB | 57290 | 97556 | 0.62% | 0.306% |
| 40 | 11.134 | 1562 | 1566 | 1569 | rBV2 | 4742 | 7424 | 0.05% | 0.023% |
| 41 | 11.189 | 1569 | 1575 | 1579 | rBV4 | 39471 | 90063 | 0.57% | 0.283% |
| 42 | 11.281 | 1584 | 1590 | 1598 | rVV6 | 65407 | 224434 | 1.42% | 0.704% |
| 43 | 11.342 | 1598 | 1600 | 1604 | rVV2 | 17215 | 31259 | 0.20% | 0.098% |
| 44 | 11.415 | 1604 | 1612 | 1620 | rVV2 | 53995 | 118036 | 0.75% | 0.370% |
| 45 | 11.525 | 1625 | 1630 | 1638 | rVV | 54145 | 104249 | 0.66% | 0.327% |
| 46 | 11.634 | 1642 | 1648 | 1655 | rVV | 385342 | 655401 | 4.15% | 2.057% |
| 47 | 11.738 | 1655 | 1665 | 1676 | rVV2 | 165658 | 368511 | 2.33% | 1.157% |
| 48 | 11.848 | 1676 | 1683 | 1685 | rVV5 | 13492 | 28523 | 0.18% | 0.090% |
| 49 | 11.884 | 1685 | 1689 | 1696 | rVB2 | 18562 | 34155 | 0.22% | 0.107% |
| 50 | 12.031 | 1709 | 1713 | 1723 | rVB7 | 7132 | 17271 | 0.11% | 0.054% |
| 51 | 12.128 | 1723 | 1729 | 1731 | rBV5 | 6056 | 10310 | 0.07% | 0.032% |
| 52 | 12.238 | 1743 | 1747 | 1753 | rBV7 | 3933 | 7471 | 0.05% | 0.023% |
| 53 | 12.335 | 1756 | 1763 | 1764 | rVV3 | 8927 | 13355 | 0.08% | 0.042% |
| 54 | 12.372 | 1765 | 1769 | 1775 | rVB2 | 24968 | 43492 | 0.28% | 0.136% |
| 55 | 12.463 | 1778 | 1784 | 1789 | rBV8 | 4735 | 9761 | 0.06% | 0.031% |
| 56 | 12.530 | 1789 | 1795 | 1800 | rVB4 | 17017 | 26613 | 0.17% | 0.084% |
| 57 | 12.616 | 1804 | 1809 | 1815 | rBV | 35740 | 57276 | 0.36% | 0.180% |
| 58 | 12.701 | 1817 | 1823 | 1834 | rVV2 | 117288 | 249543 | 1.58% | 0.783% |
| 59 | 12.780 | 1834 | 1836 | 1842 | rVB6 | 4670 | 7294 | 0.05% | 0.023% |
| 60 | 12.872 | 1848 | 1851 | 1855 | rBV4 | 5061 | 7025 | 0.04% | 0.022% |
| 61 | 12.951 | 1855 | 1864 | 1874 | rBV6 | 35855 | 104986 | 0.66% | 0.329% |
| 62 | 13.049 | 1875 | 1880 | 1884 | rBV5 | 12330 | 22799 | 0.14% | 0.072% |
| 63 | 13.171 | 1895 | 1900 | 1903 | rBV6 | 6171 | 9580 | 0.06% | 0.030% |
| 64 | 13.219 | 1904 | 1908 | 1911 | rVV5 | 5333 | 8333 | 0.05% | 0.026% |
| 65 | 13.262 | 1911 | 1915 | 1920 | rVV | 10770 | 16454 | 0.10% | 0.052% |
| 66 | 13.451 | 1943 | 1946 | 1950 | rVV5 | 10645 | 15475 | 0.10% | 0.049% |
| 67 | 13.506 | 1950 | 1955 | 1959 | rVB | 12563 | 19657 | 0.12% | 0.062% |
| 68 | 13.567 | 1959 | 1965 | 1973 | rVB | 174543 | 287640 | 1.82% | 0.903% |
| 69 | 13.731 | 1985 | 1992 | 1993 | rBV2 | 57789 | 86729 | 0.55% | 0.272% |
| 70 | 13.756 | 1993 | 1996 | 2000 | rVV | 103450 | 178970 | 1.13% | 0.562% |
| 71 | 13.805 | 2000 | 2004 | 2009 | rVV2 | 158571 | 323603 | 2.05% | 1.016% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

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_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.859 | 2009 | 2013 | 2023 | rVB | 146969 | 298949 | 1.89% | 0.938% |
| 73 | 13.957 | 2024 | 2029 | 2034 | rBV | 36301 | 55925 | 0.35% | 0.176% |
| 74 | 14.024 | 2034 | 2040 | 2042 | rBV | 234792 | 403677 | 2.56% | 1.267% |
| 75 | 14.048 | 2042 | 2044 | 2048 | rVV | 278940 | 376555 | 2.38% | 1.182% |
| 76 | 14.109 | 2048 | 2054 | 2061 | rVB | 919384 | 1447791 | 9.17% | 4.544% |
| 77 | 14.213 | 2064 | 2071 | 2076 | rBV2 | 101269 | 167433 | 1.06% | 0.525% |
| 78 | 14.262 | 2076 | 2079 | 2087 | rVB3 | 17690 | 37571 | 0.24% | 0.118% |
| 79 | 14.347 | 2087 | 2093 | 2097 | rVB2 | 25626 | 42614 | 0.27% | 0.134% |
| 80 | 14.433 | 2097 | 2107 | 2109 | rBV | 541661 | 858230 | 5.44% | 2.694% |
| 81 | 14.469 | 2109 | 2113 | 2117 | rVV | 1067173 | 1568254 | 9.93% | 4.922% |
| 82 | 14.512 | 2117 | 2120 | 2124 | rVV2 | 119833 | 178492 | 1.13% | 0.560% |
| 83 | 14.548 | 2124 | 2126 | 2130 | rVB | 35827 | 42940 | 0.27% | 0.135% |
| 84 | 14.652 | 2140 | 2143 | 2146 | rVB | 19455 | 21582 | 0.14% | 0.068% |
| 85 | 14.701 | 2146 | 2151 | 2155 | rVV | 120689 | 193258 | 1.22% | 0.607% |
| 86 | 14.743 | 2155 | 2158 | 2162 | rVB | 80829 | 110067 | 0.70% | 0.345% |
| 87 | 14.804 | 2162 | 2168 | 2175 | rBV2 | 341785 | 727154 | 4.60% | 2.282% |
| 88 | 14.865 | 2175 | 2178 | 2184 | rVB | 74435 | 113480 | 0.72% | 0.356% |
| 89 | 15.000 | 2195 | 2200 | 2208 | rVB | 15588 | 29029 | 0.18% | 0.091% |
| 90 | 15.085 | 2208 | 2214 | 2225 | rVV | 90556 | 208264 | 1.32% | 0.654% |
| 91 | 15.182 | 2225 | 2230 | 2239 | rVB2 | 40410 | 75582 | 0.48% | 0.237% |
| 92 | 15.274 | 2239 | 2245 | 2248 | rBV8 | 4804 | 9087 | 0.06% | 0.029% |
| 93 | 15.378 | 2251 | 2262 | 2269 | rVB4 | 16279 | 46718 | 0.30% | 0.147% |
| 94 | 15.487 | 2274 | 2280 | 2282 | rBV3 | 10072 | 18955 | 0.12% | 0.059% |
| 95 | 15.676 | 2306 | 2311 | 2315 | rVV7 | 5913 | 12915 | 0.08% | 0.041% |
| 96 | 15.853 | 2334 | 2340 | 2342 | rBV6 | 4170 | 8168 | 0.05% | 0.026% |
| 97 | 15.963 | 2352 | 2358 | 2364 | rBV4 | 7183 | 18347 | 0.12% | 0.058% |
| 98 | 16.042 | 2364 | 2371 | 2378 | rVV3 | 14216 | 27258 | 0.17% | 0.086% |
| 99 | 16.109 | 2380 | 2382 | 2388 | rVV6 | 4285 | 6693 | 0.04% | 0.021% |
| 100 | 16.463 | 2435 | 2440 | 2444 | rBV7 | 5046 | 9275 | 0.06% | 0.029% |

Sum of corrected areas: 31862502

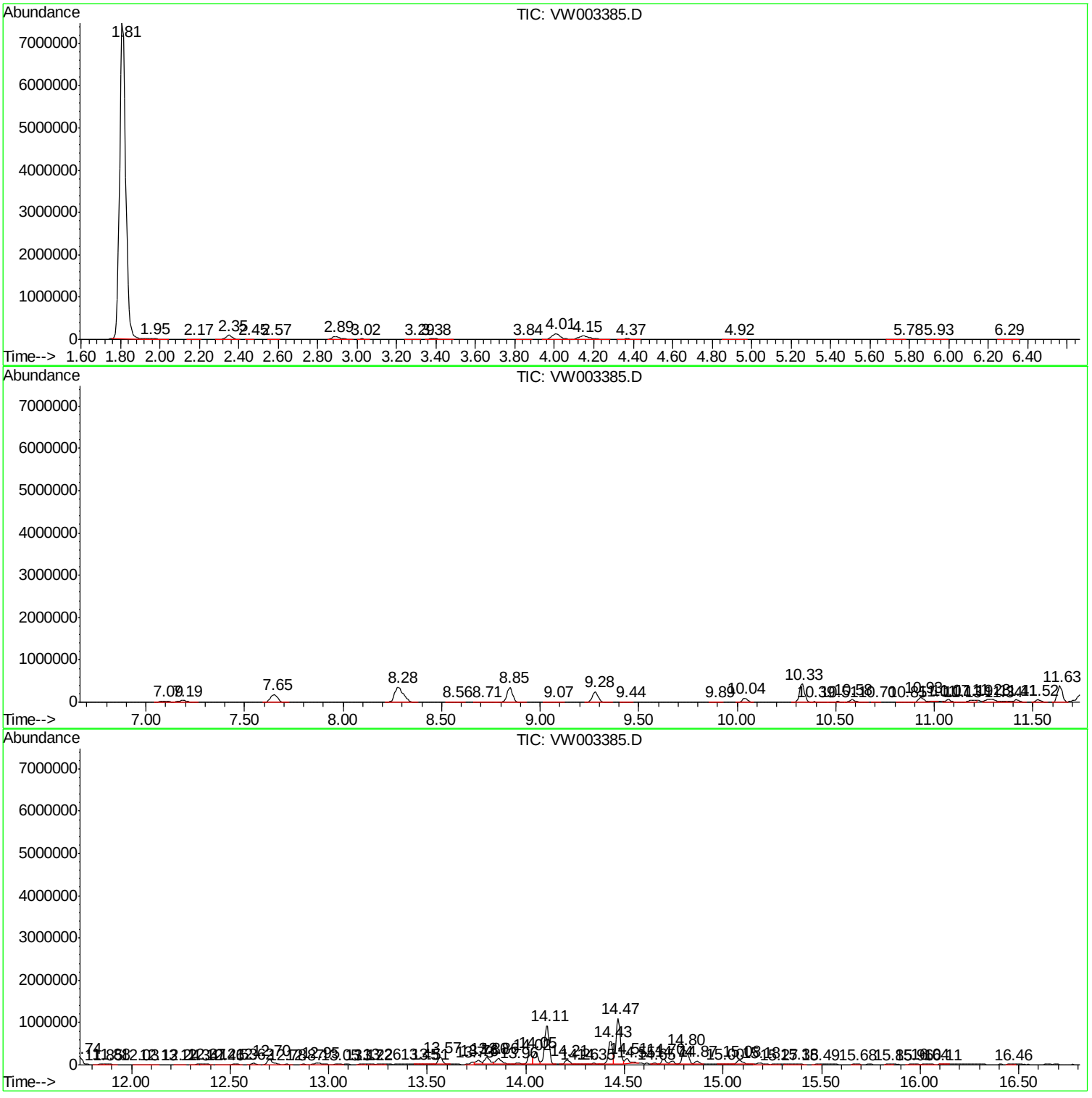
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

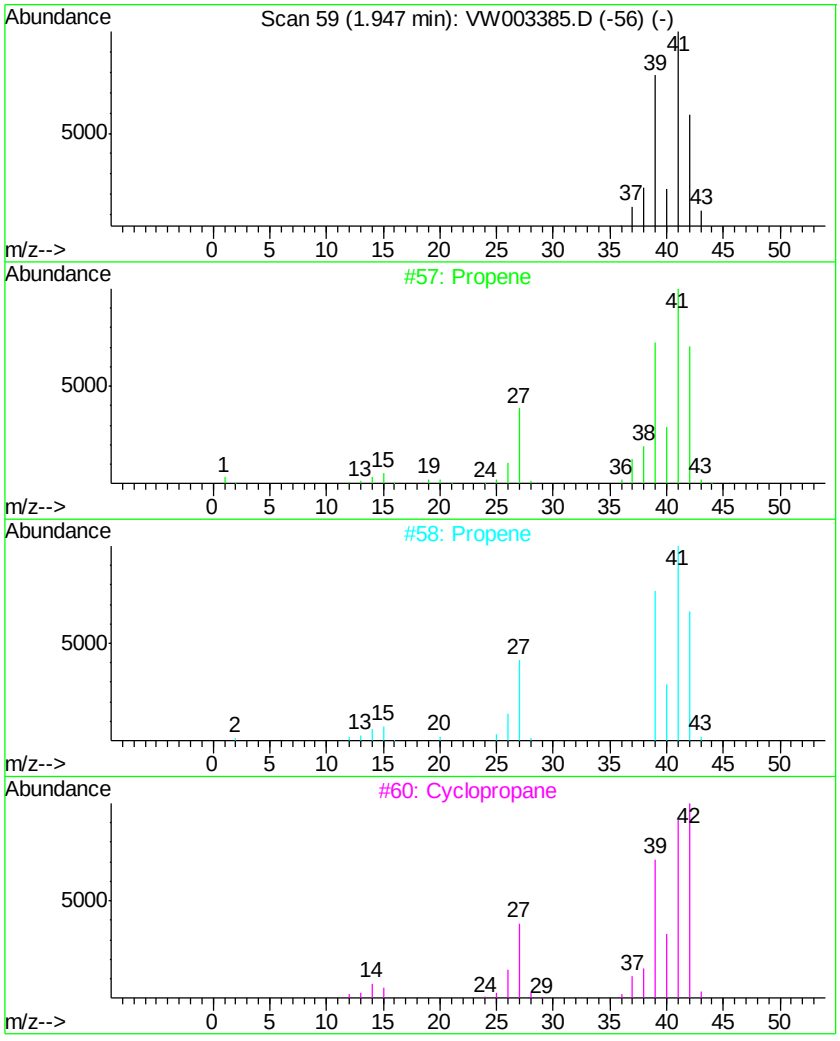
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

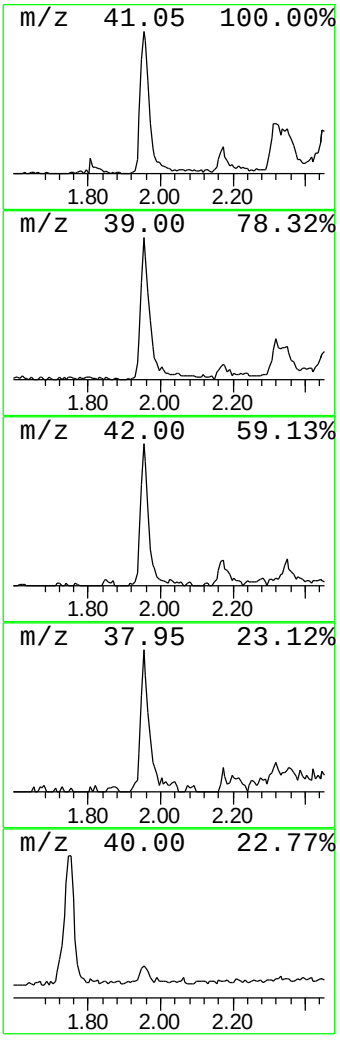
**********

Peak Number 2 (DEL) Alkane: Cyclic1.95 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.95 | 2.25 ug/L | 62415 | 1,4-Difluorobenzene | 8.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propene | 42 | C3H6 | 000115-07-1 | 72 |
| 2 | Propene | 42 | C3H6 | 000115-07-1 | 9 |
| 3 | Cyclopropane | 42 | C3H6 | 000075-19-4 | 9 |
| 4 | Cyclopropane | 42 | C3H6 | 000075-19-4 | 4 |
| 5 | Cyclopropene | 40 | C3H4 | 002781-85-3 | 4 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

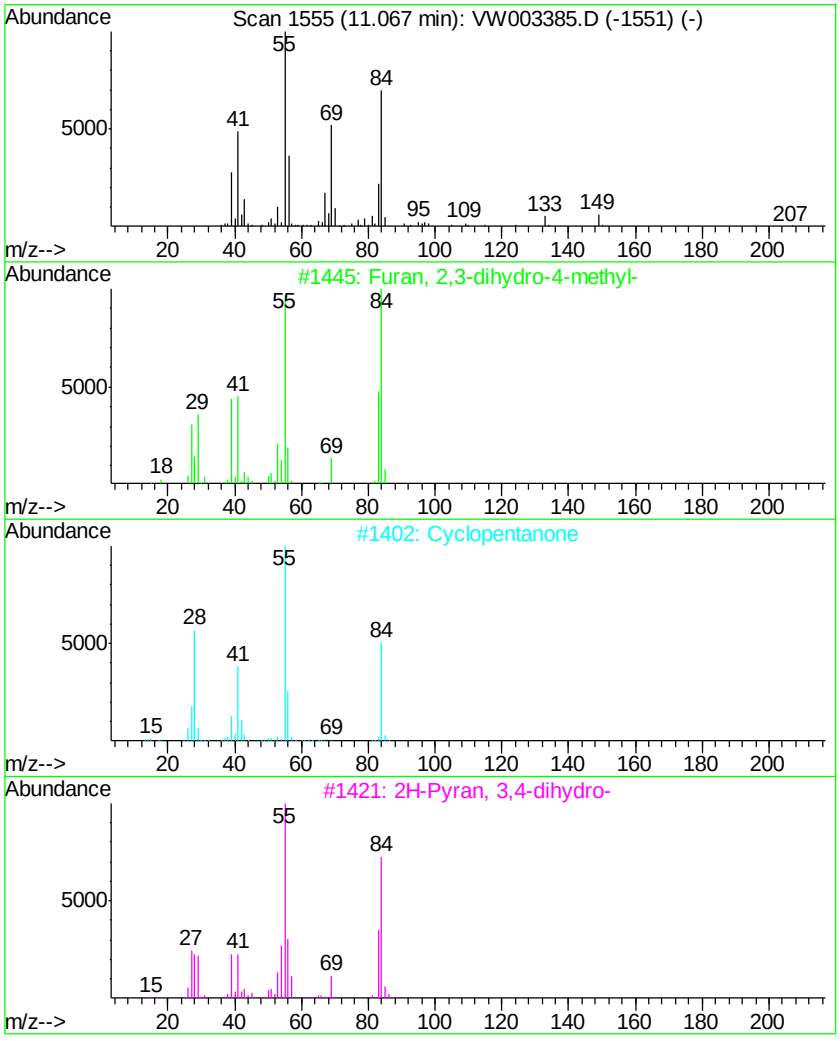
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

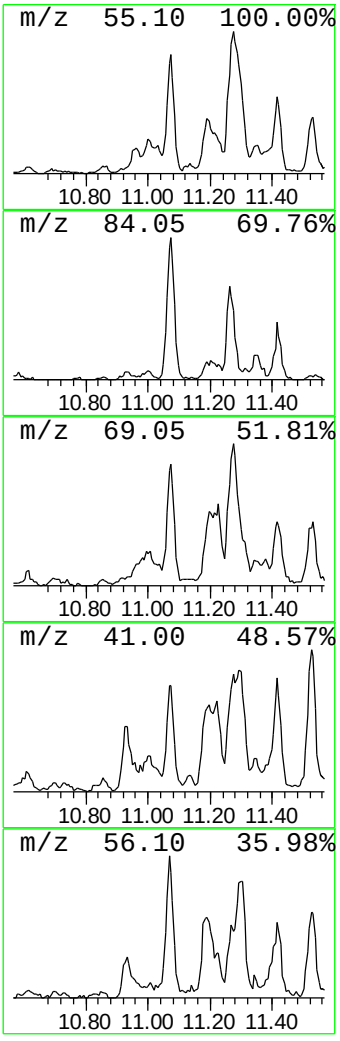
**********

Peak Number 4 Furan, 2,3-dihydro-4-methyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.07 | 3.72 ug/L | 97556 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, 2,3-dihydro-4-methyl- | 84 | C5H8O | 034314-83-5 | 64 |
| 2 | Cyclopentanone | 84 | C5H8O | 000120-92-3 | 50 |
| 3 | 2H-Pyran, 3,4-dihydro- | 84 | C5H8O | 000110-87-2 | 45 |
| 4 | 2-Piperidinemethanol | 115 | C6H13NO | 003433-37-2 | 43 |
| 5 | 2-Ethylbutyl acrylate | 156 | C9H16O2 | 003953-10-4 | 42 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

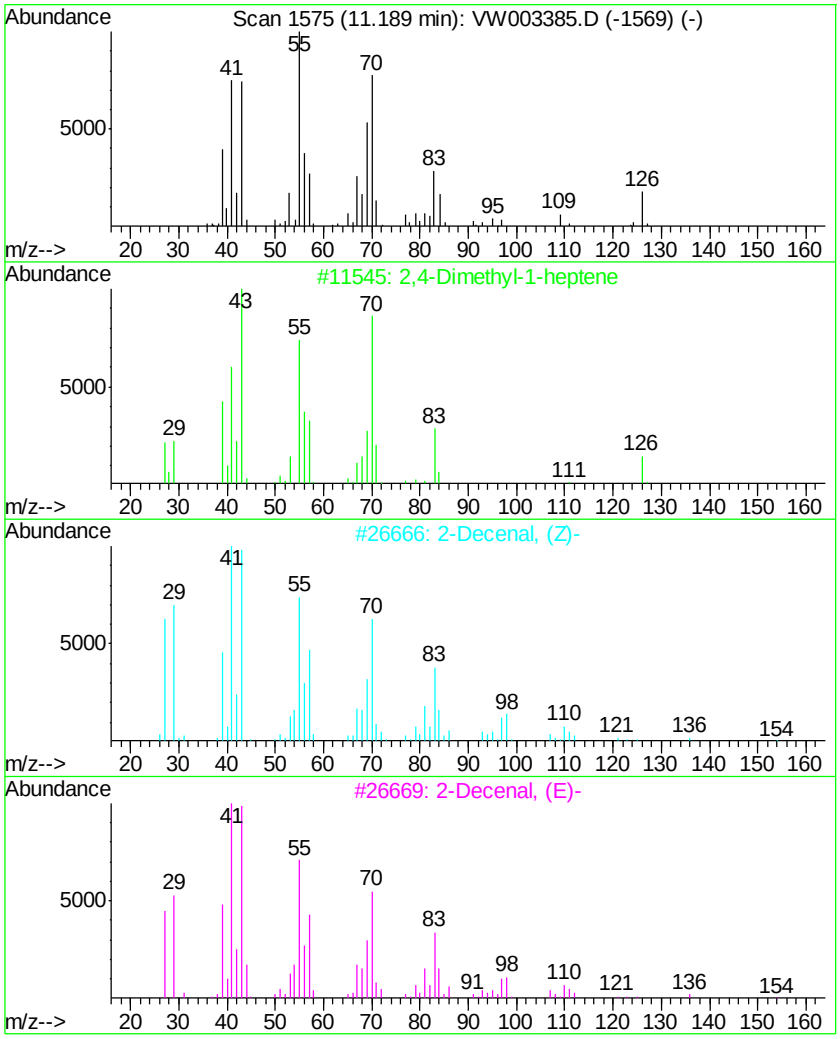
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

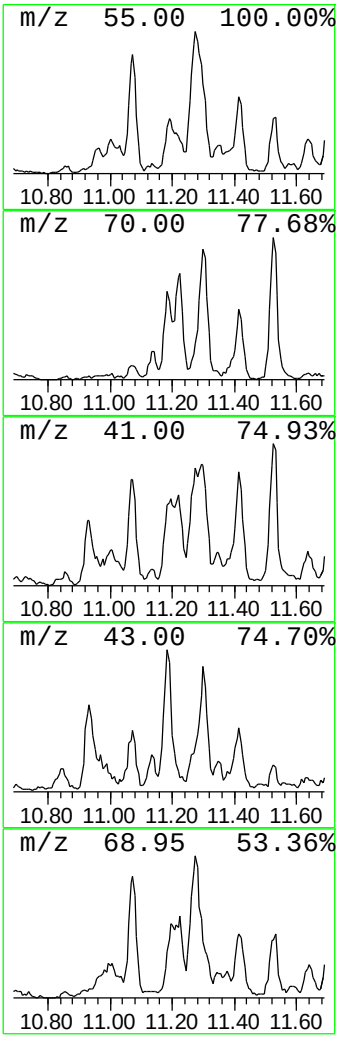
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Cyclic11.19 Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.19 | 3.44 ug/L | 90063 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Dimethyl-1-heptene | 126 | C9H18 | 019549-87-2 | 86 |
| 2 | 2-Decenal, (Z)- | 154 | C10H18O | 002497-25-8 | 80 |
| 3 | 2-Decenal, (E)- | 154 | C10H18O | 003913-81-3 | 64 |
| 4 | cis-2,4-Dimethylthiane, S,S-dioxide | 162 | C7H14O2S | 1000215-67-5 | 53 |
| 5 | Bromoacetic acid, 2-ethylhexyl e... | 250 | C10H19BrO2 | 068144-73-0 | 43 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

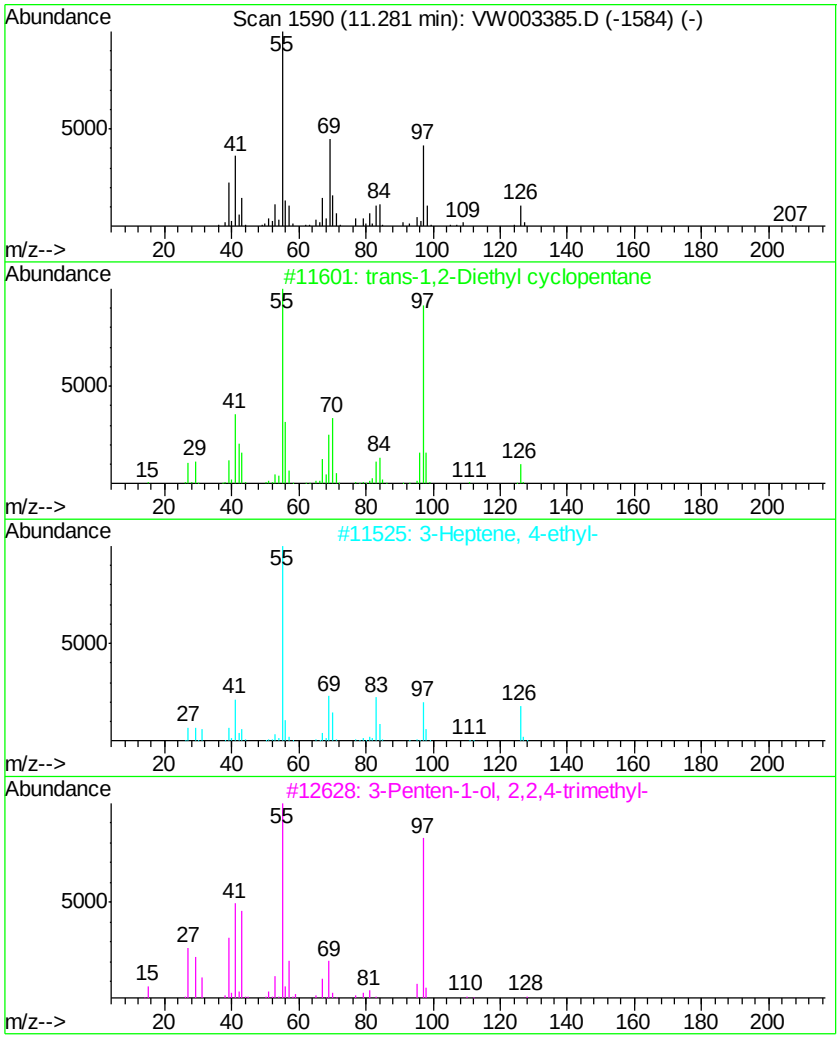
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

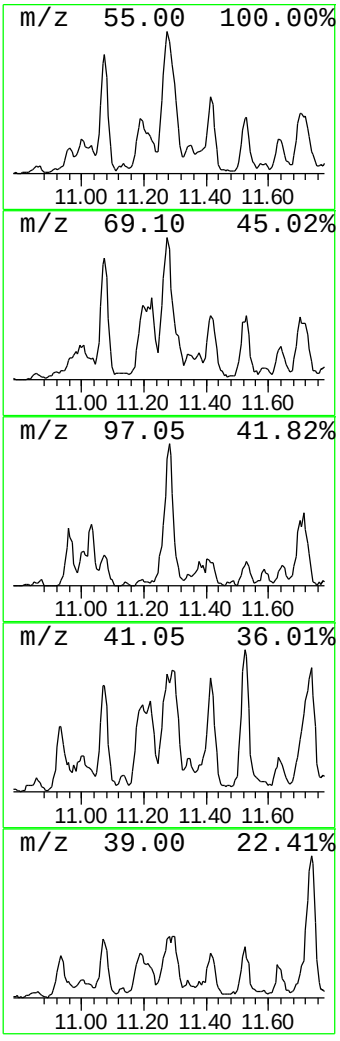
**********

Peak Number 6 (DEL) Alkane: Cyclic11.28 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.28 | 8.56 ug/L | 224434 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-1,2-Diethyl cyclopentane | 126 | C9H18 | 000932-40-1 | 59 |
| 2 | 3-Heptene, 4-ethyl- | 126 | C9H18 | 033933-74-3 | 50 |
| 3 | 3-Penten-1-ol, 2,2,4-trimethyl- | 128 | C8H16O | 005842-53-5 | 47 |
| 4 | 3-Nonene | 126 | C9H18 | 020063-77-8 | 38 |
| 5 | trans--4-Nonene | 126 | C9H18 | 010405-85-3 | 38 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

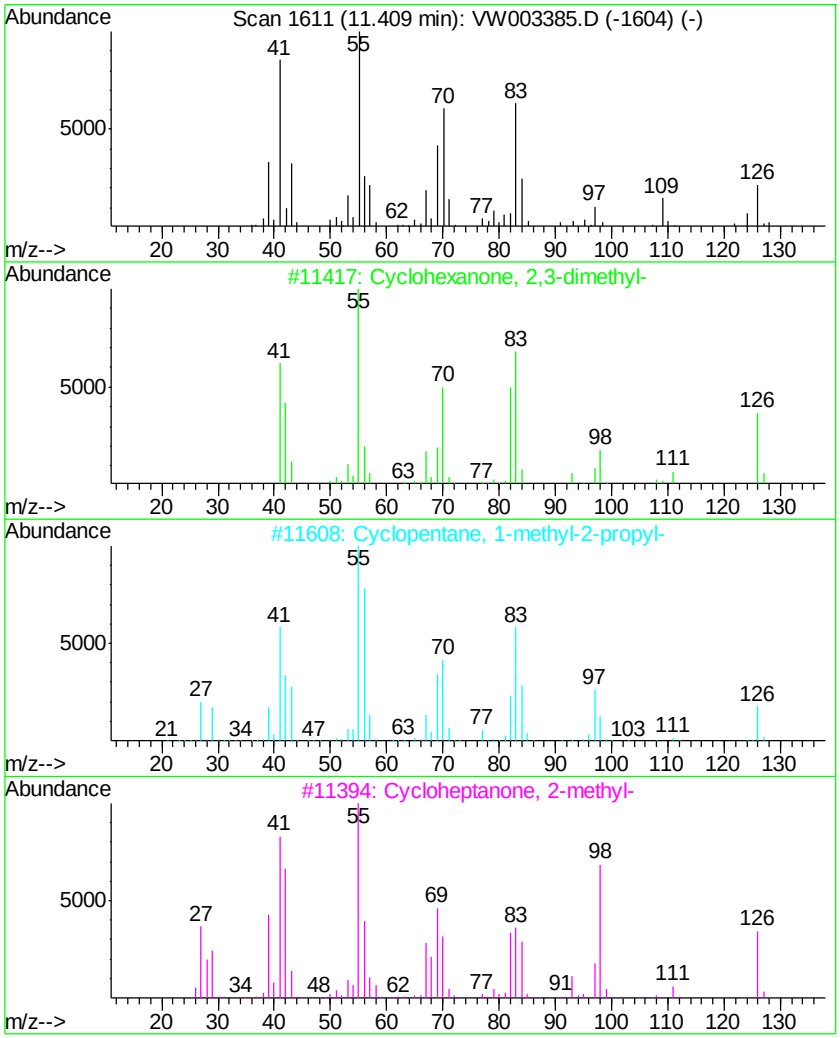
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

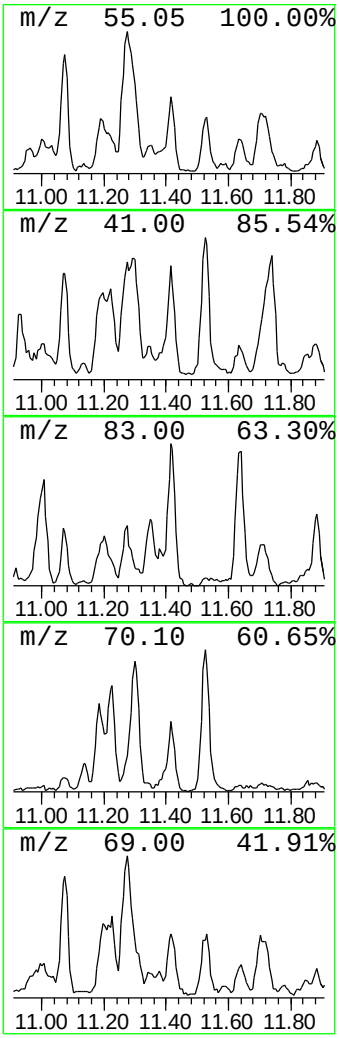
**********

Peak Number 7 Cyclohexanone, 2,3-dimethyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.41 | 4.50 ug/L | 118036 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2,3-dimethyl- | 126 | C8H14O | 013395-76-1 | 59 |
| 2 | Cyclopentane, 1-methyl-2-propyl- | 126 | C9H18 | 003728-57-2 | 53 |
| 3 | Cycloheptanone, 2-methyl- | 126 | C8H14O | 000932-56-9 | 50 |
| 4 | 2,3-Dimethyl-2-heptene | 126 | C9H18 | 003074-64-4 | 43 |
| 5 | 3-Nonene | 126 | C9H18 | 020063-77-8 | 38 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

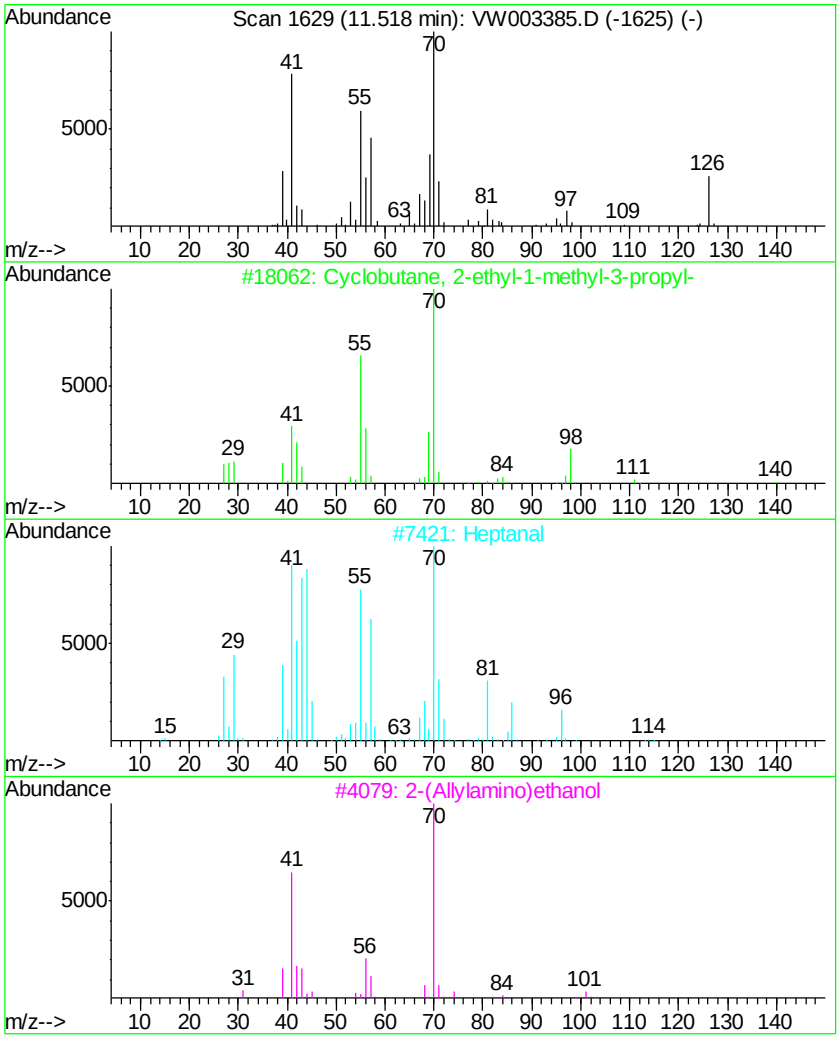
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

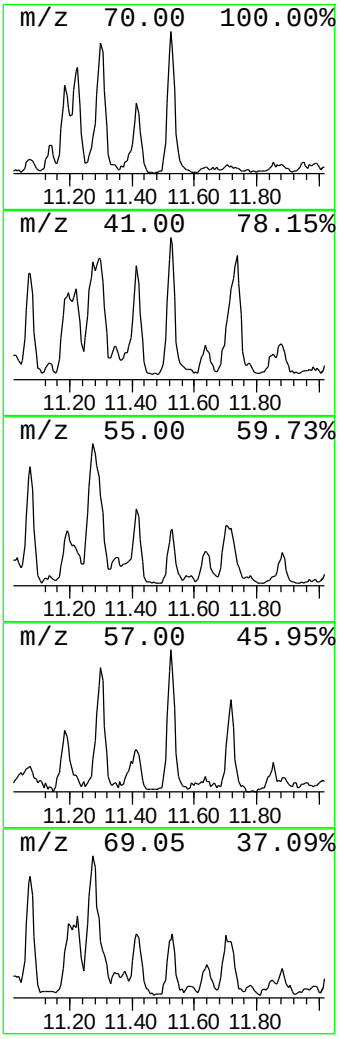
**********

Peak Number 8 (DEL) Alkane: Cyclic11.52 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.52 | 3.98 ug/L | 104249 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobutane, 2-ethyl-1-methyl-3-... | 140 | C10H20 | 061233-72-5 | 50 |
| 2 | Heptanal | 114 | C7H14O | 000111-71-7 | 50 |
| 3 | 2-(Allylamino)ethanol | 101 | C5H11NO | 002424-00-2 | 50 |
| 4 | Butane, 2-cyclopropyl- | 98 | C7H14 | 005750-02-7 | 47 |
| 5 | Cyclopentane, 1,1,3,3-tetramethyl- | 126 | C9H18 | 050876-33-0 | 42 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

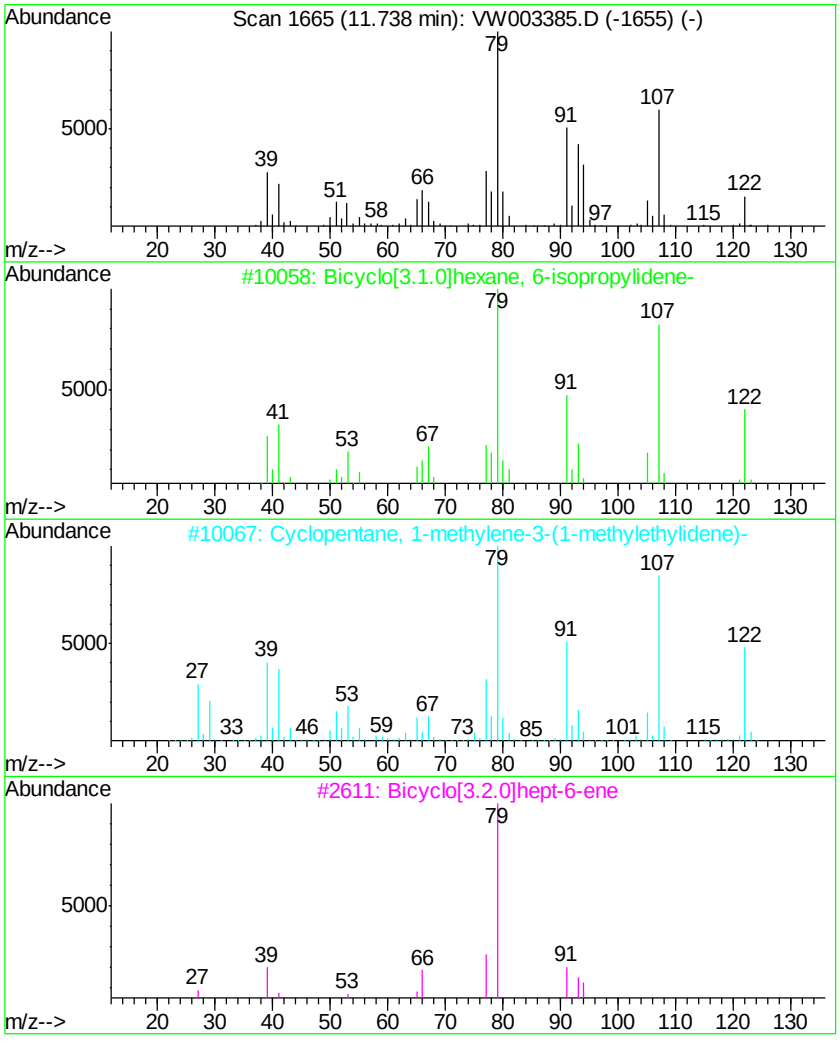
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

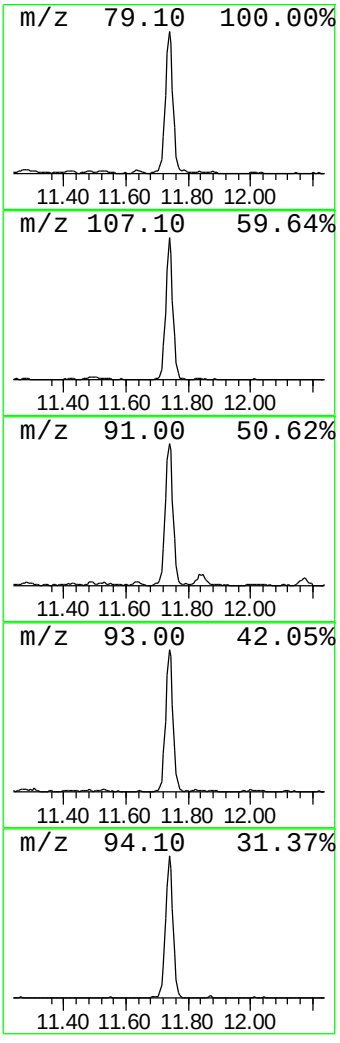
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Bicyclo[3.1.0]hexane, 6-iso... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.74 | 14.06 ug/L | 368511 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[3.1.0]hexane, 6-isopropy... | 122 | C9H14 | 024524-58-1 | 81 |
| 2 | Cyclopentane, 1-methylene-3-(1-m... | 122 | C9H14 | 073913-74-3 | 68 |
| 3 | Bicyclo[3.2.0]hept-6-ene | 94 | C7H10 | 004927-03-1 | 58 |
| 4 | 1,3-Cycloheptadiene | 94 | C7H10 | 004054-38-0 | 53 |
| 5 | Pyridine, 2,4-dimethyl- | 107 | C7H9N | 000108-47-4 | 49 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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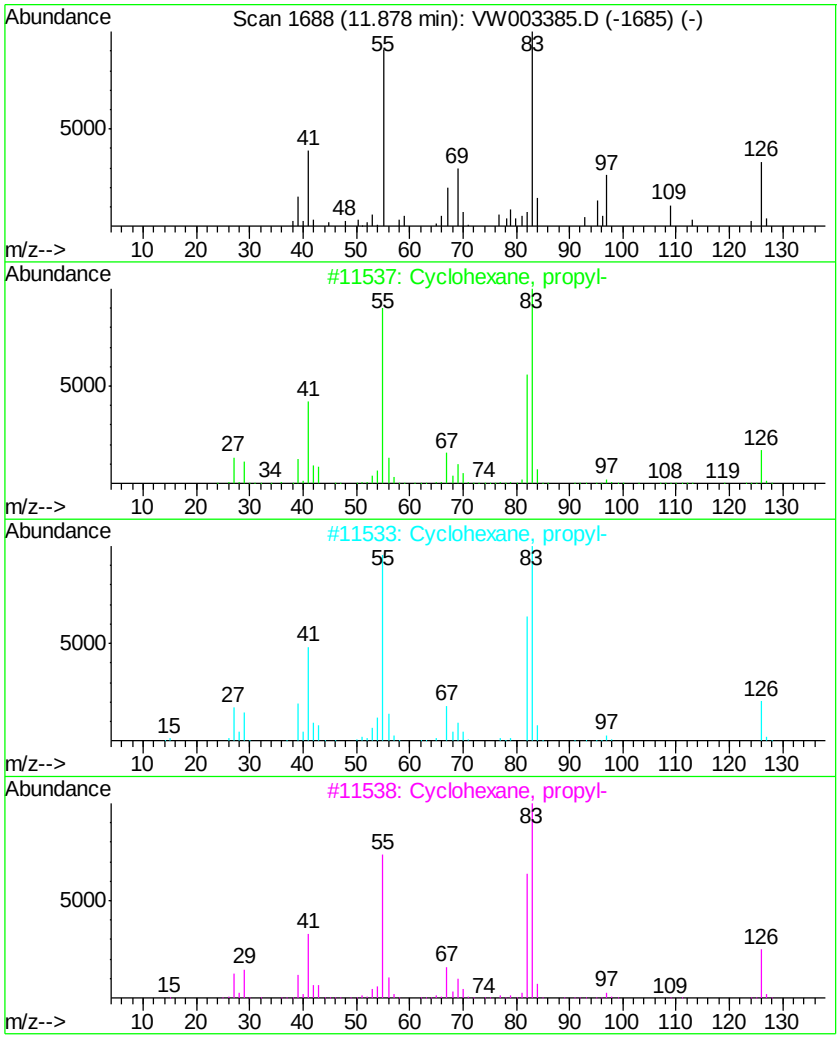
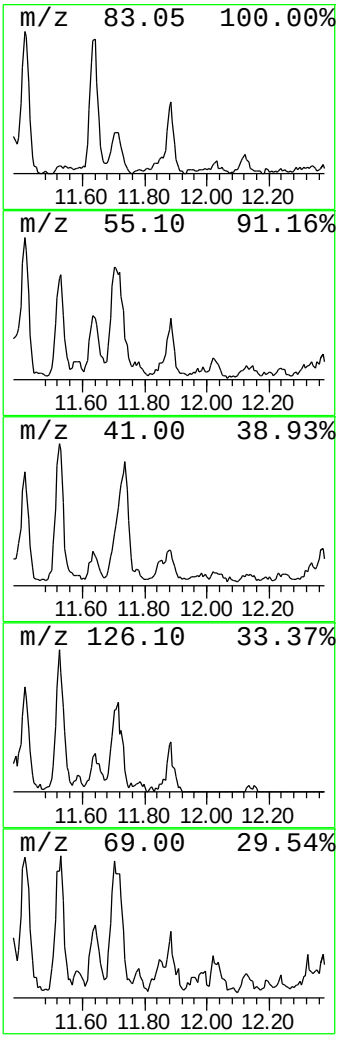
Peak Number 10 (DEL) Alkane: Cyclic11.88 Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.88 | 1.30 ug/L | 34155 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |
| 5 | trans-4,4-Dimethyl-2-hexene | 112 | C8H16 | 019550-83-5 | 64 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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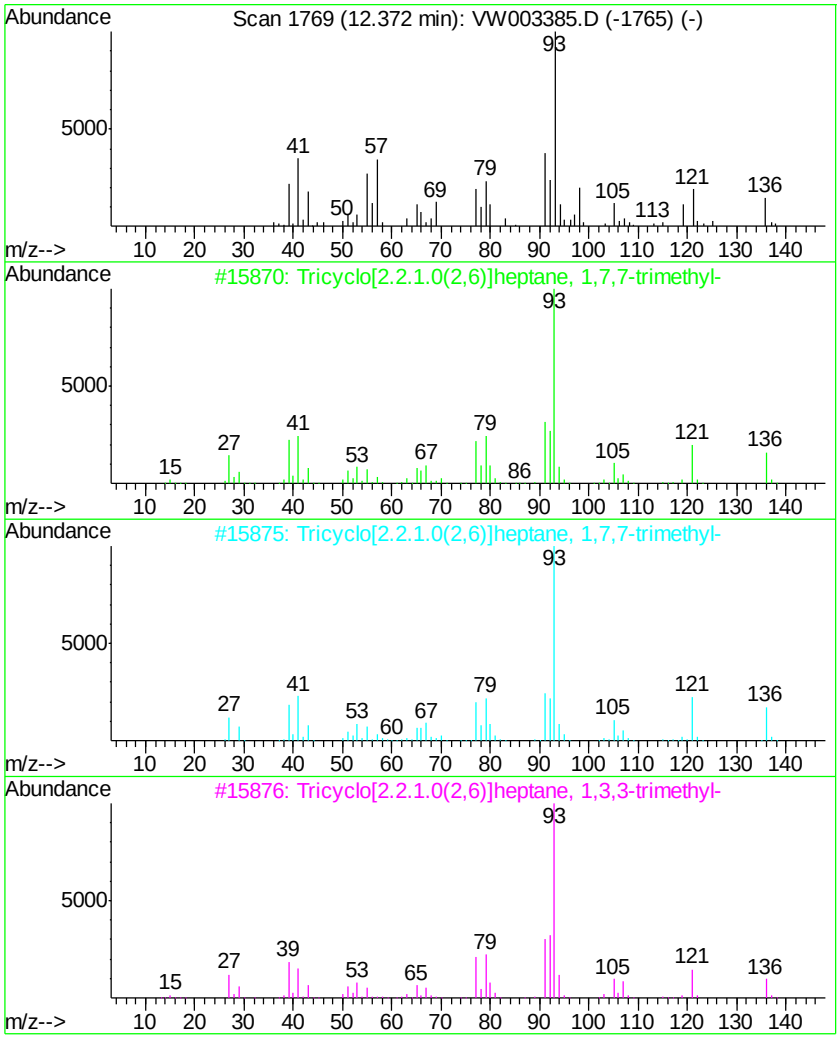
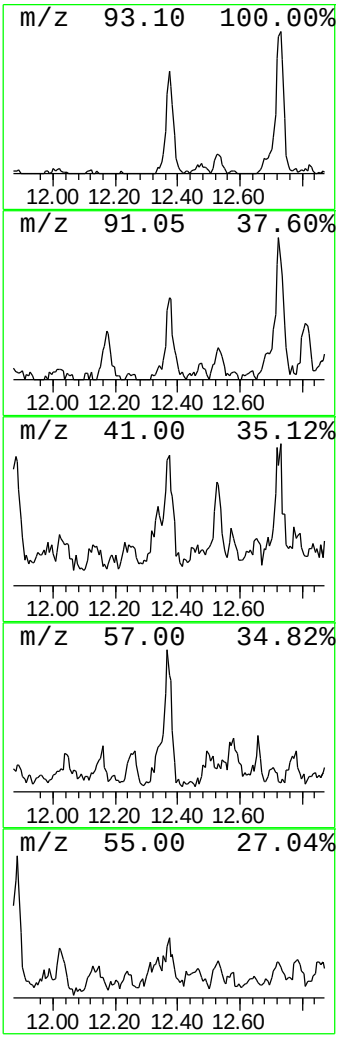
Peak Number 11 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.37 | 1.66 ug/L | 43492 | Chlorobenzene-d5 | 11.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000508-32-7 | 91 |
| 2 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000508-32-7 | 91 |
| 3 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000488-97-1 | 90 |
| 4 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000488-97-1 | 87 |
| 5 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000508-32-7 | 87 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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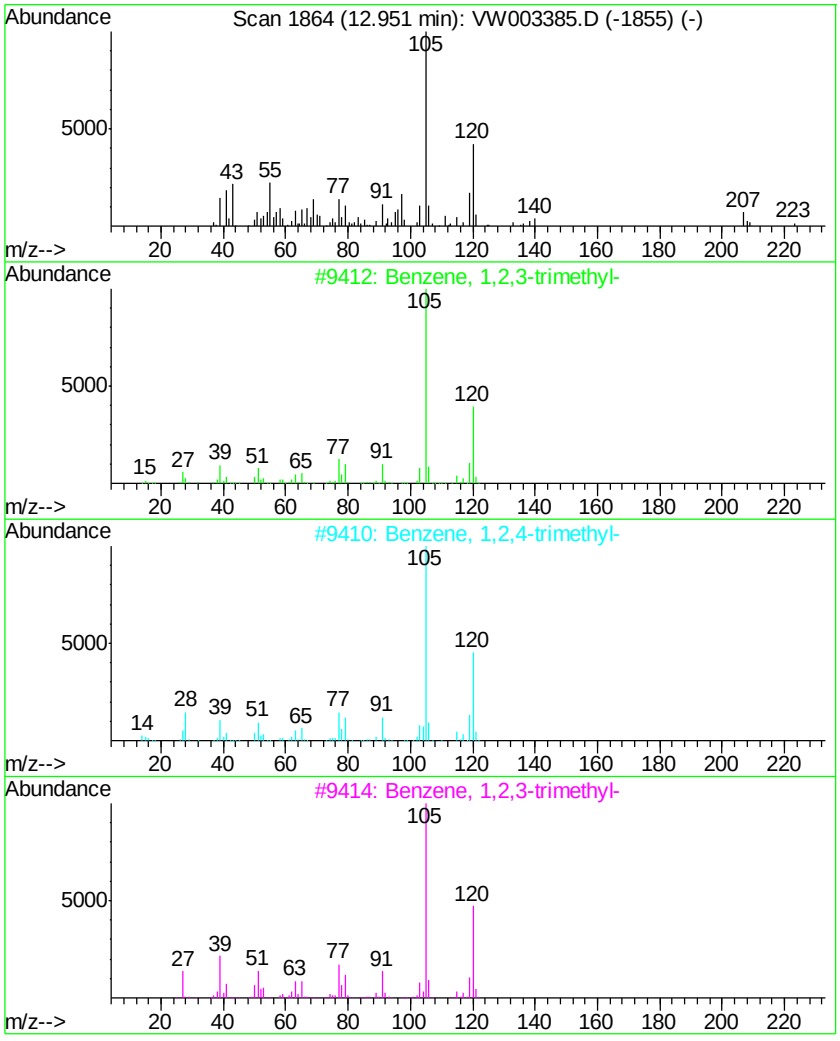
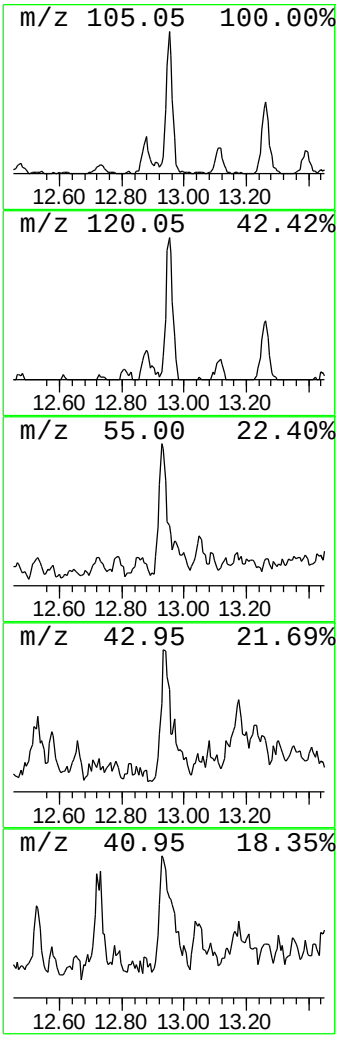
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.95 | 9.12 ug/L | 104986 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 93 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 90 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 86 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 86 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

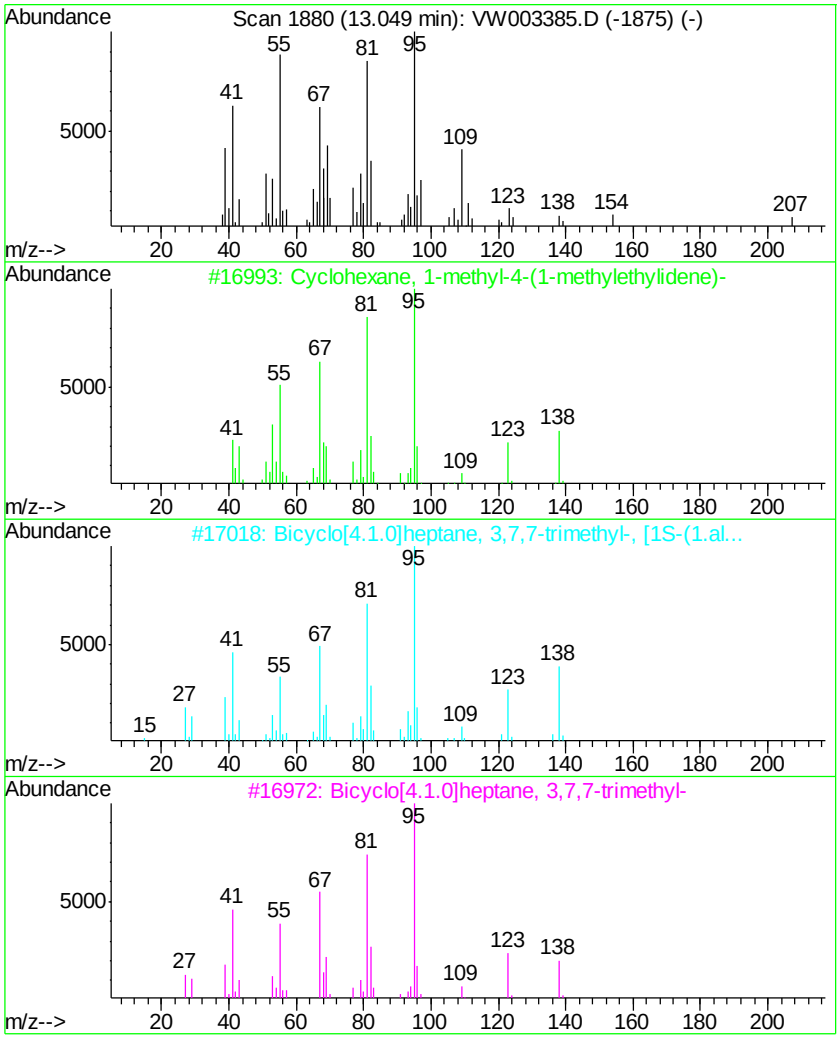
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

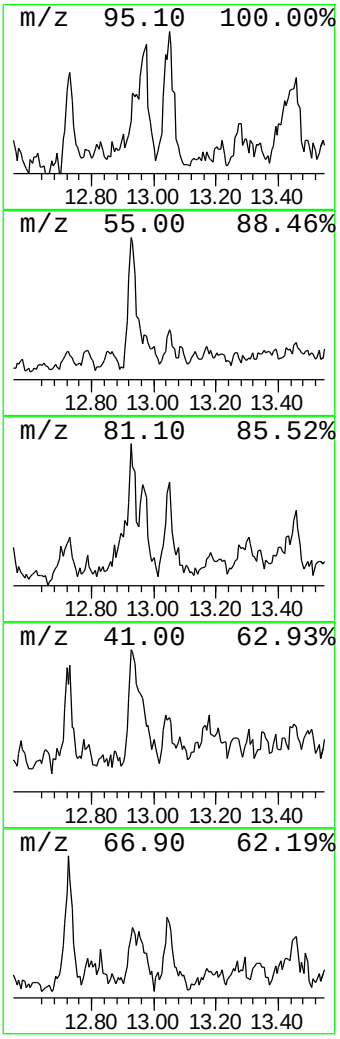
**********

Peak Number 14 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.05 | 1.98 ug/L | 22799 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-4-(1-methy... | 138 | C10H18 | 001124-27-2 | 70 |
| 2 | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138 | C10H18 | 002778-68-9 | 64 |
| 3 | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138 | C10H18 | 000554-59-6 | 62 |
| 4 | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138 | C10H18 | 000554-59-6 | 62 |
| 5 | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18 | 020536-41-8 | 55 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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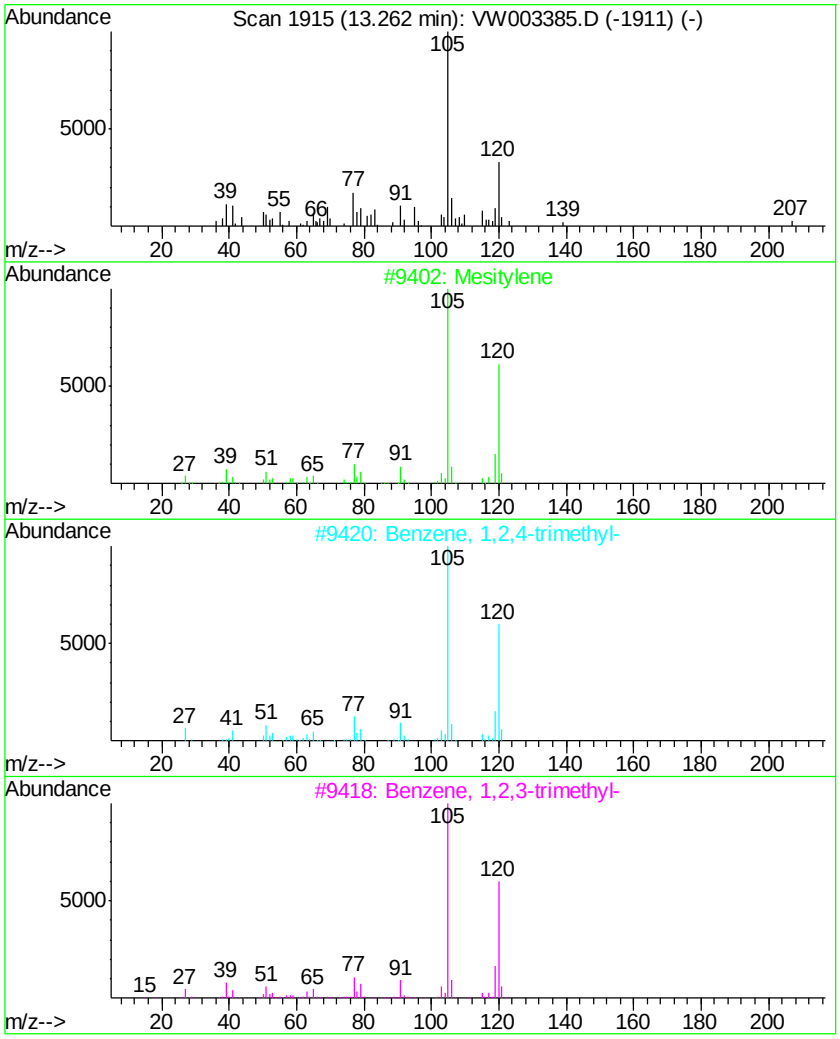
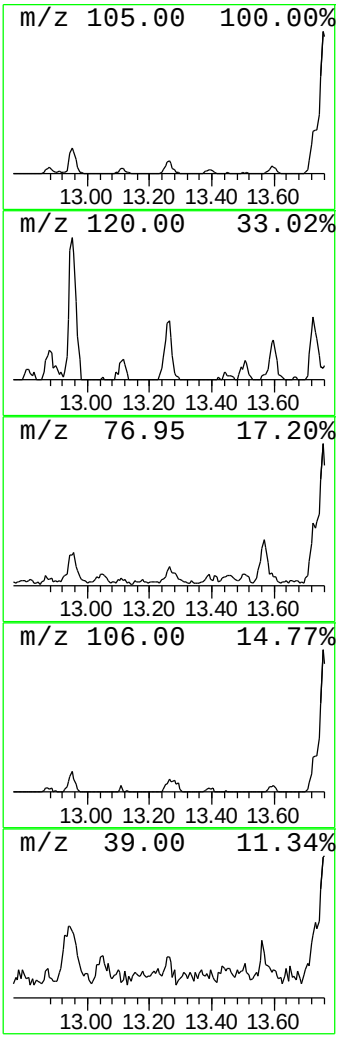
Peak Number 15 Mesitylene Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.26 | 1.43 ug/L | 16454 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 70 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 70 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 70 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 70 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 70 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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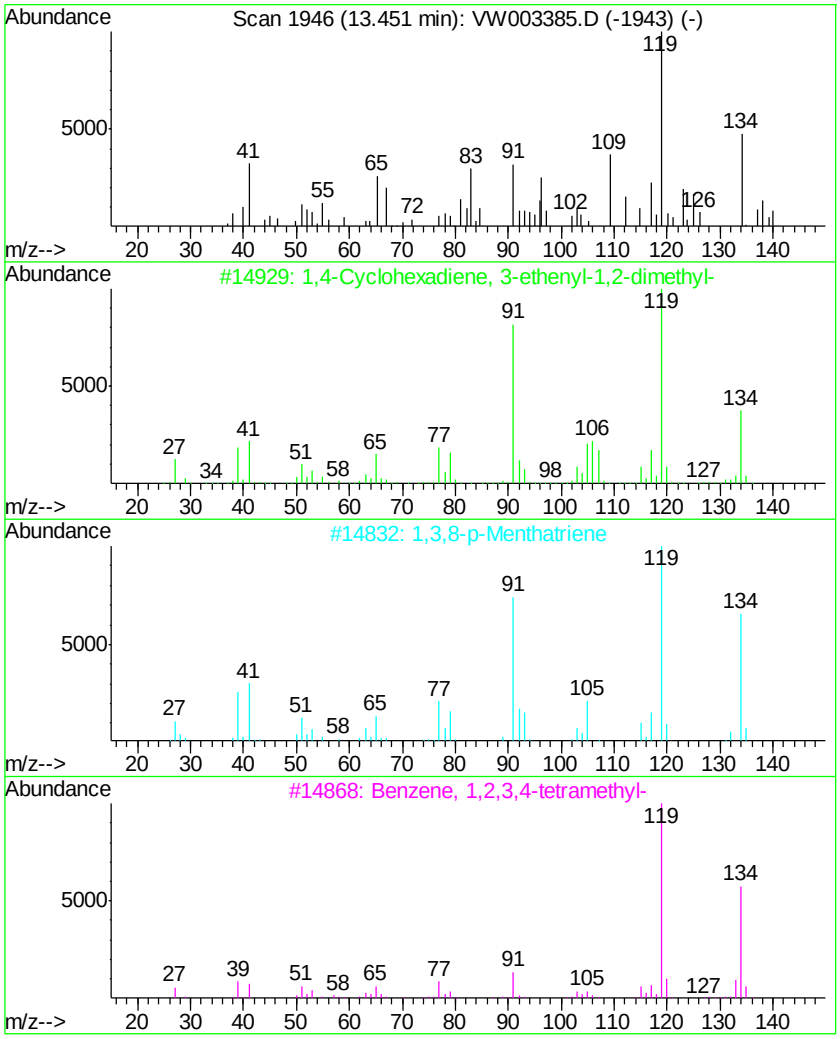
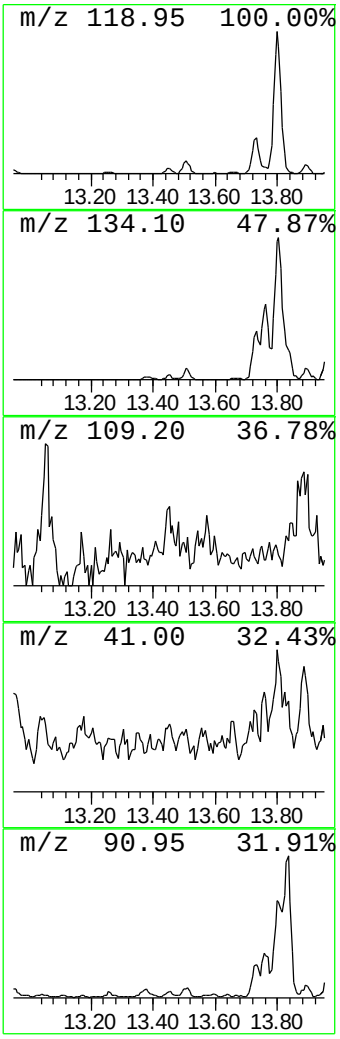
Peak Number 16 unknown-01 Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.45 | 1.35 ug/L | 15475 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Cyclohexadiene, 3-ethenyl-1,... | 134 | C10H14 | 062338-57-2 | 43 |
| 2 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 43 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 43 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 43 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 43 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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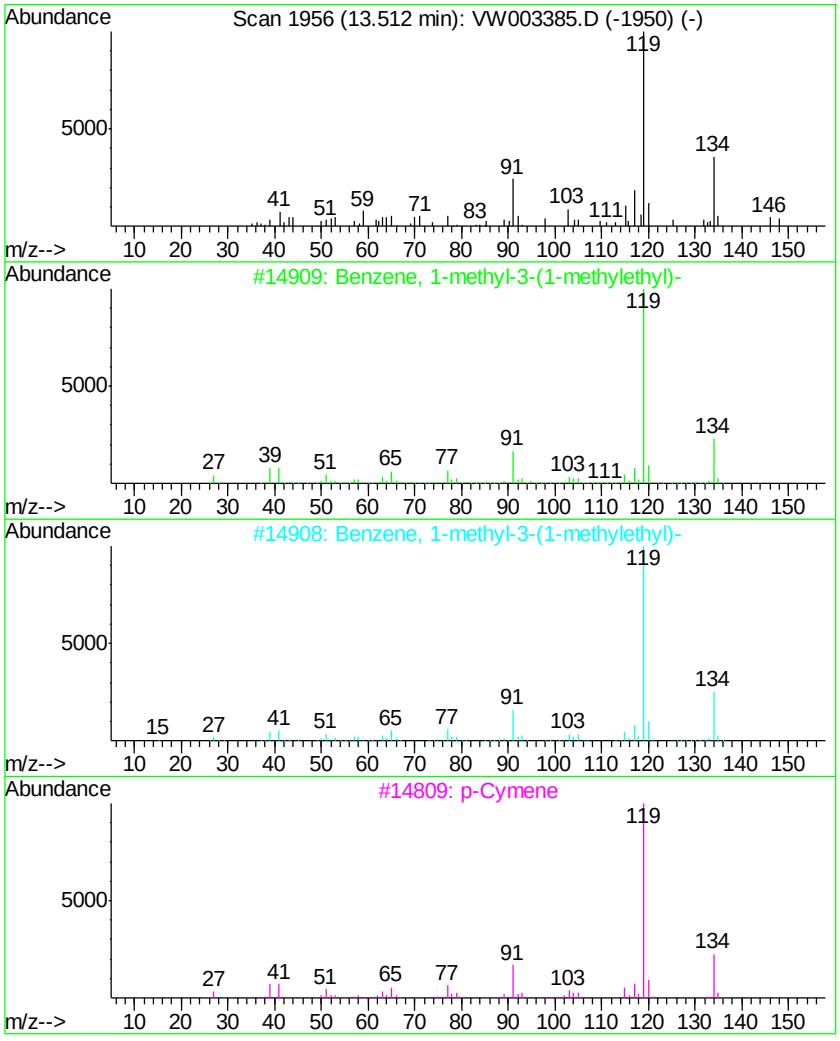
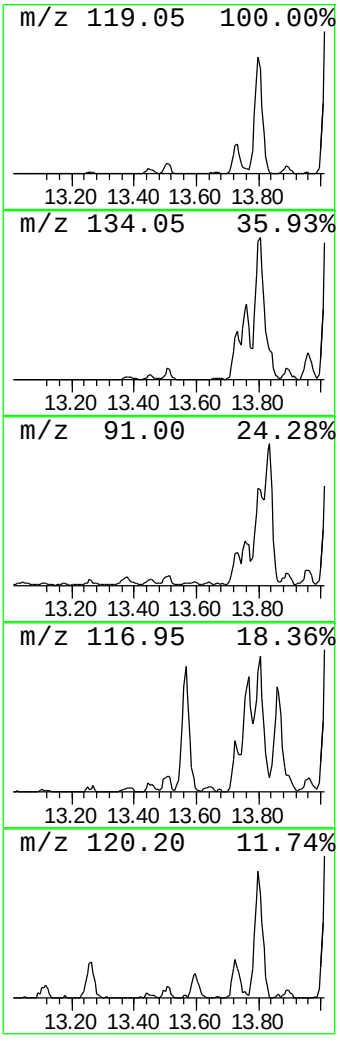
Peak Number 17 Benzene, 1-methyl-3-(1-meth... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.51 | 1.71 ug/L | 19657 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 81 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 81 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

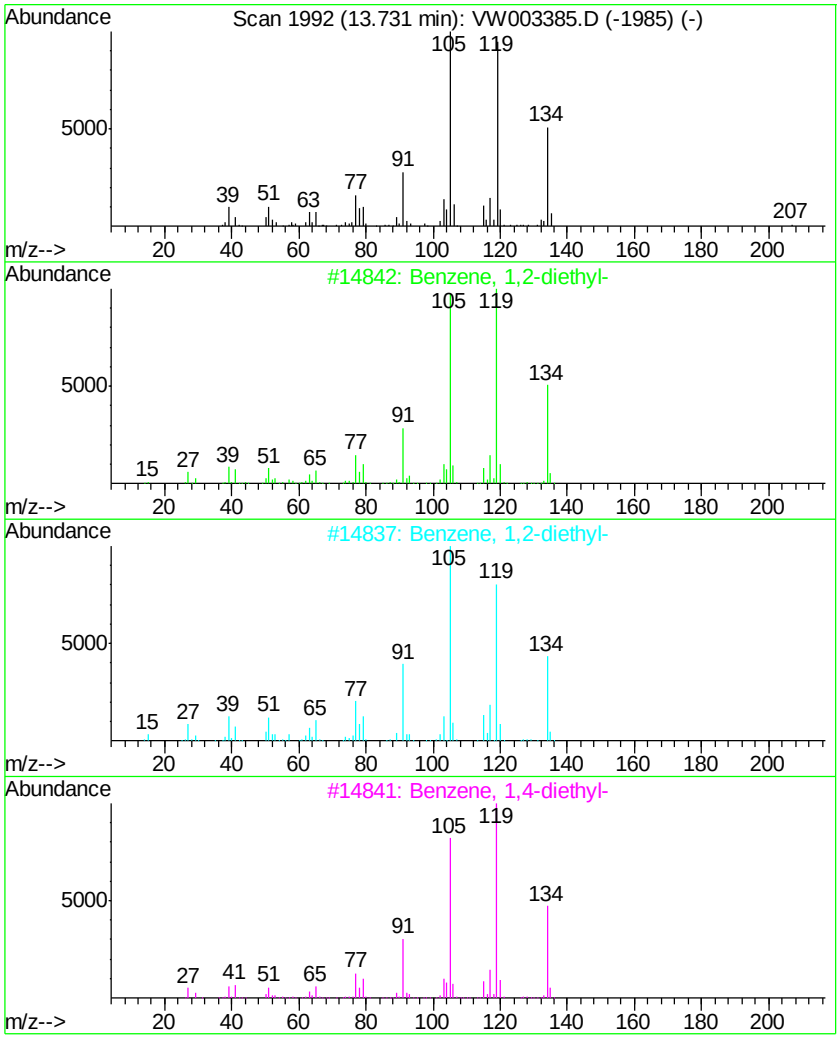
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

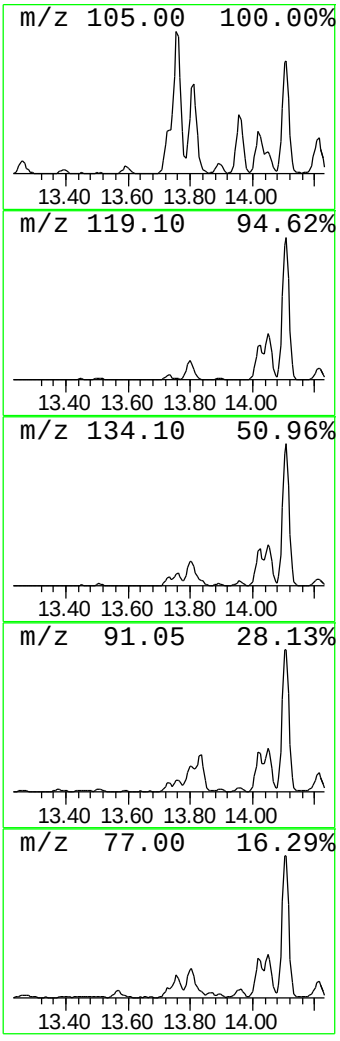
**********

Peak Number 18 Benzene, 1,2-diethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.73 | 7.54 ug/L | 86729 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 95 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 95 |
| 4 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |
| 5 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

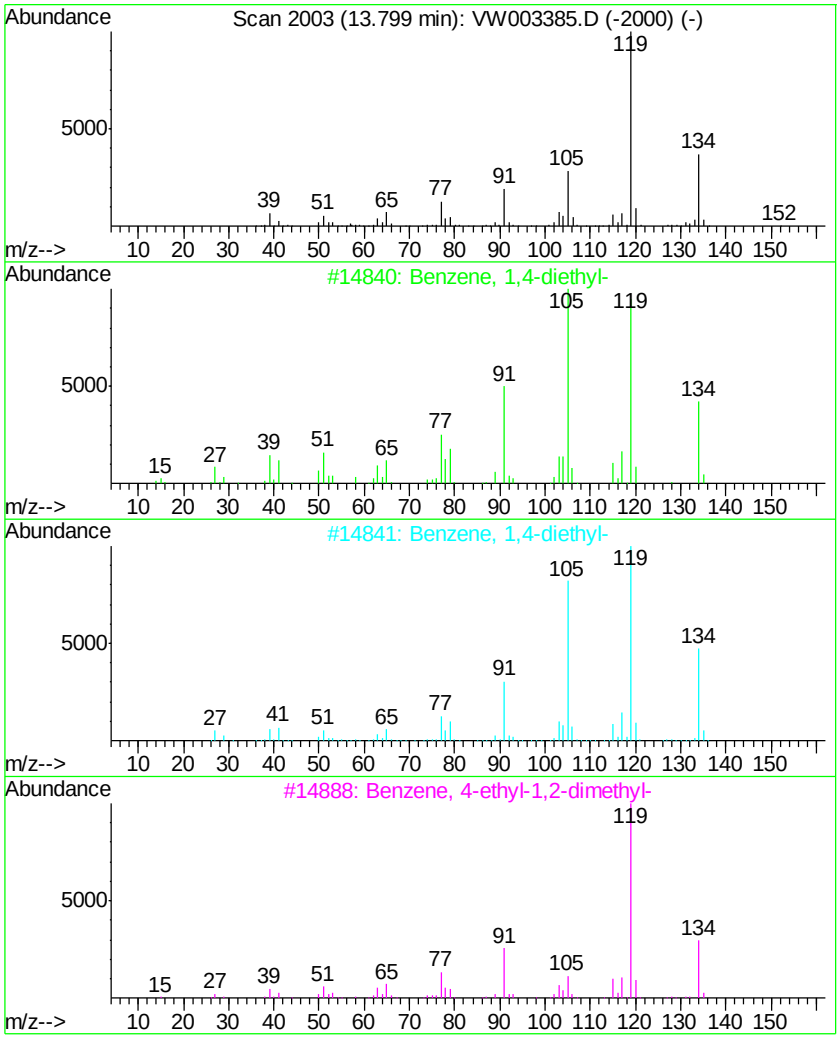
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

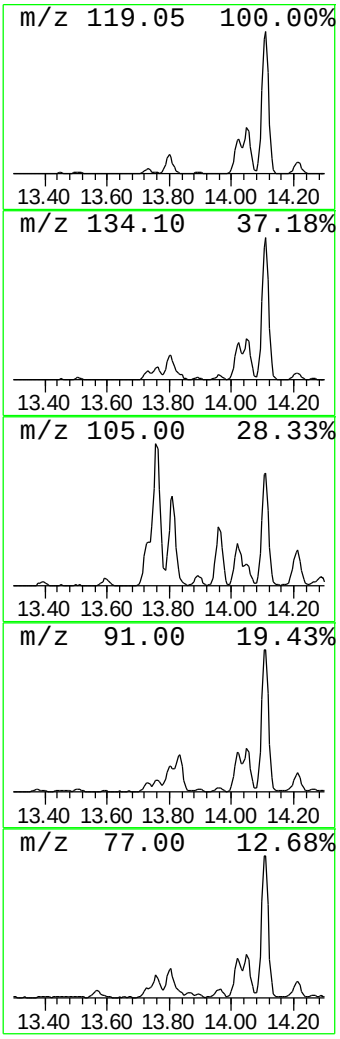
**********

Peak Number 20 Benzene, 1,4-diethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.80 | 28.13 ug/L | 323603 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 93 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 91 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 5 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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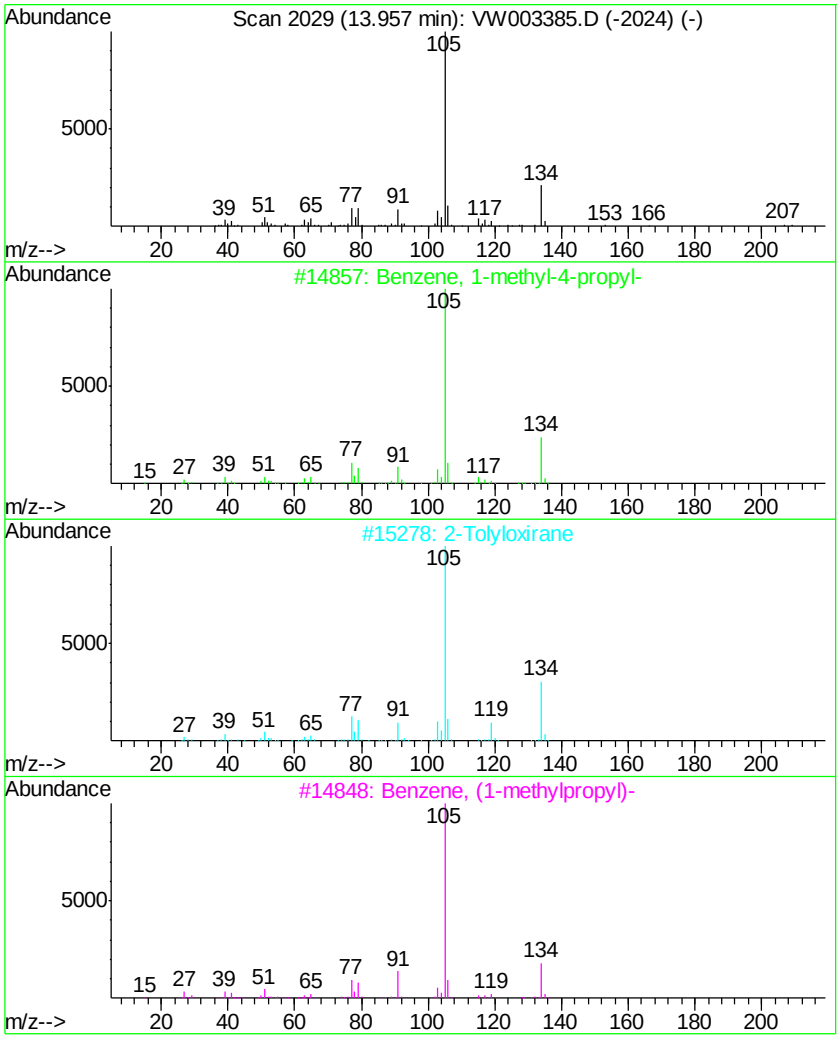
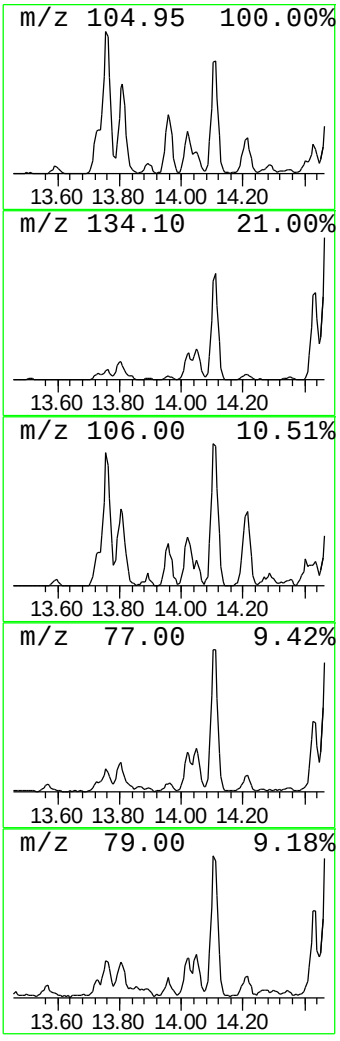
Peak Number 21 Benzene, 1-methyl-4-propyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.96 | 4.86 ug/L | 55925 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 94 |
| 2 | 2-Tolyloxirane | 134 | C9H10O | 002783-26-8 | 91 |
| 3 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 4 | Oxirane, 2-methyl-2-phenyl- | 134 | C9H10O | 002085-88-3 | 91 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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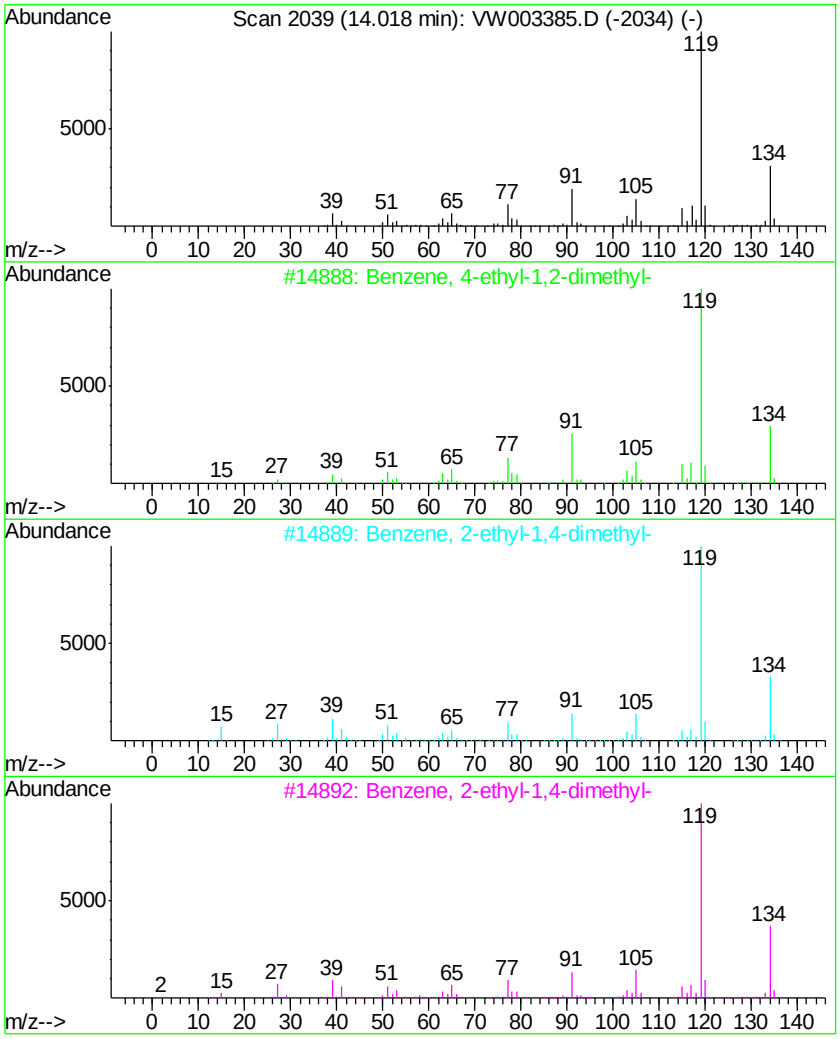
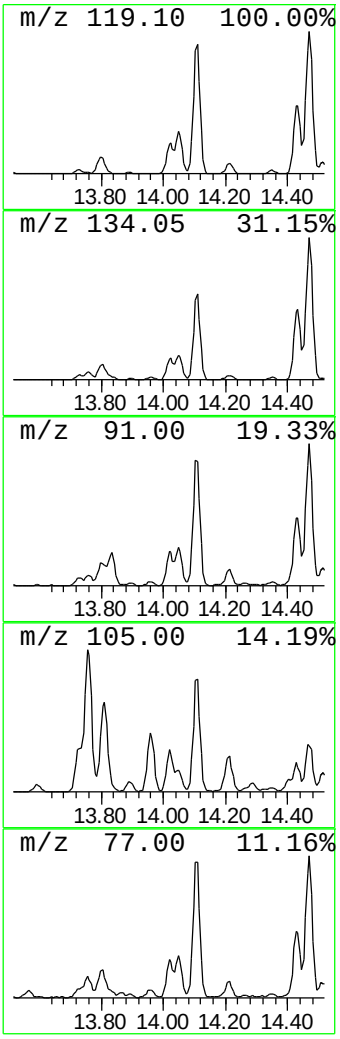
Peak Number 22 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.02 | 35.09 ug/L | 403677 | 1,4-Dichlorobenzene-d4 | 13.57 |

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



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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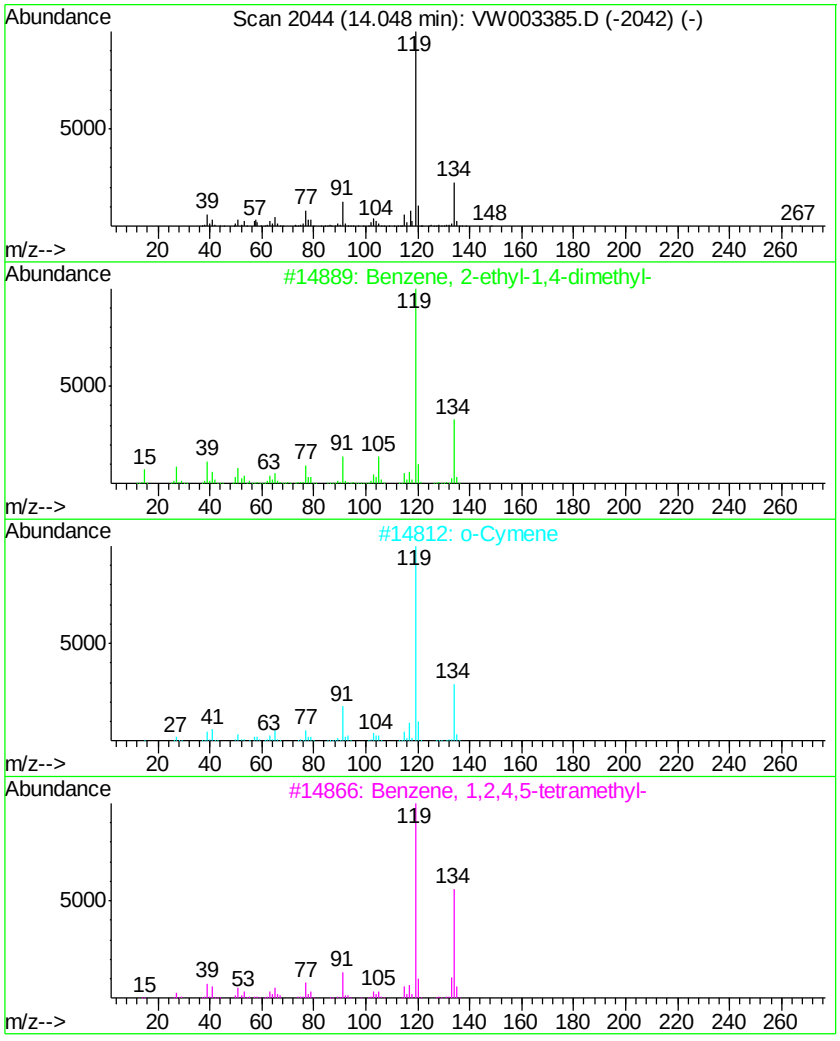
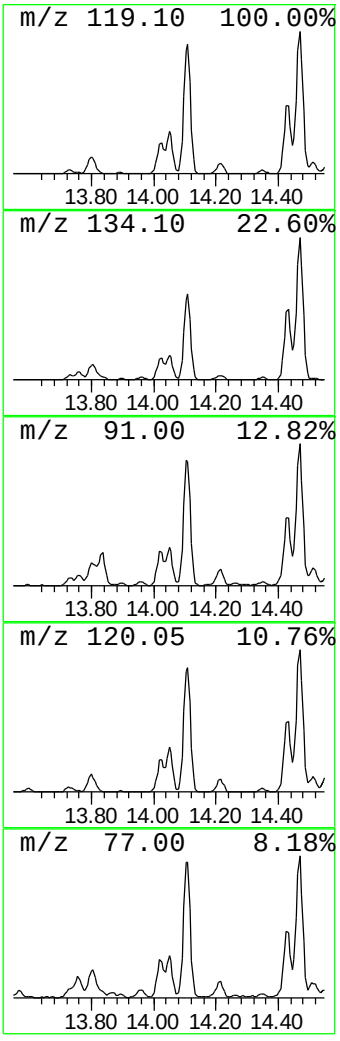
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.05 | 32.73 ug/L | 376555 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 91 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 91 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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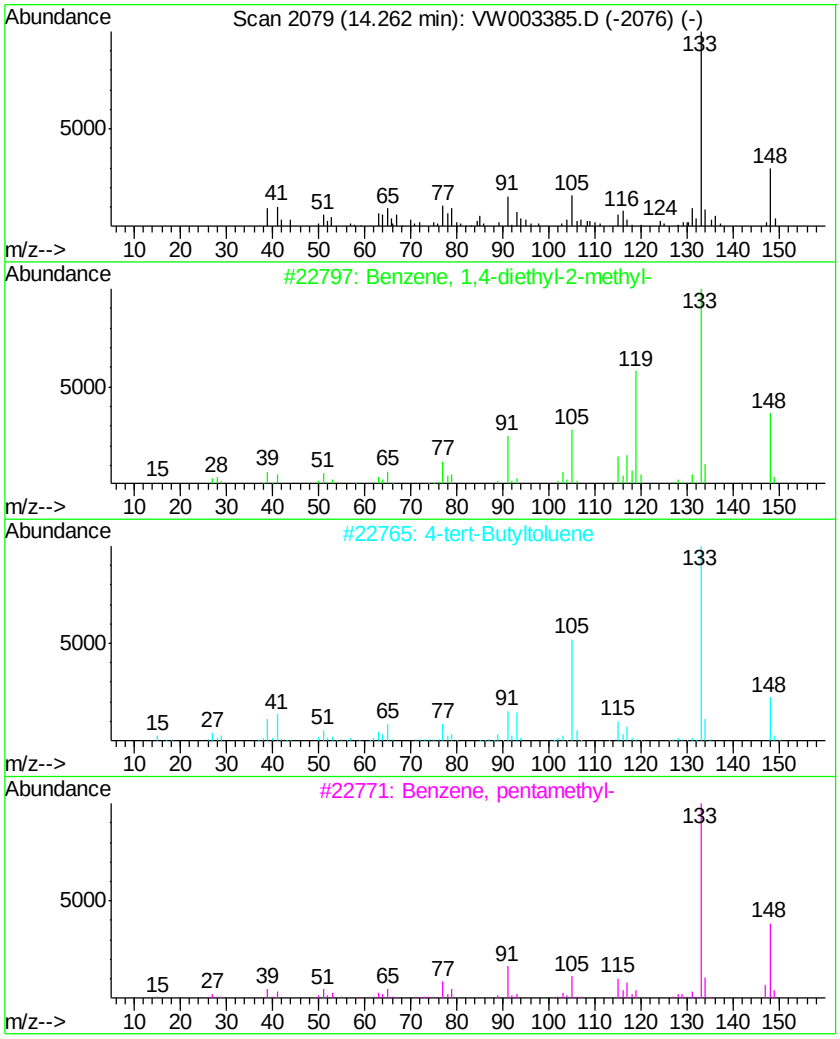
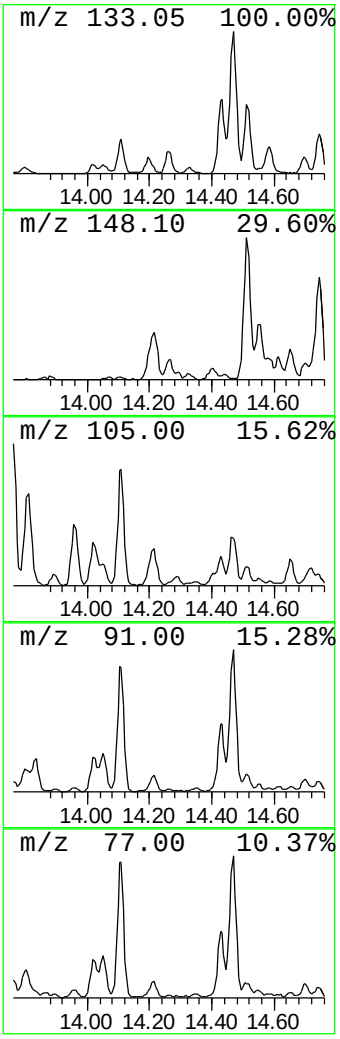
Peak Number 26 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.26 | 3.27 ug/L | 37571 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl-2-methyl- | 148 | C11H16 | 013632-94-5 | 80 |
| 2 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 76 |
| 3 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 72 |
| 4 | Benzene, 1-(1,1-dimethylethyl)-3... | 148 | C11H16 | 001075-38-3 | 68 |
| 5 | Ethanone, 1-(4-ethylphenyl)- | 148 | C10H12O | 000937-30-4 | 68 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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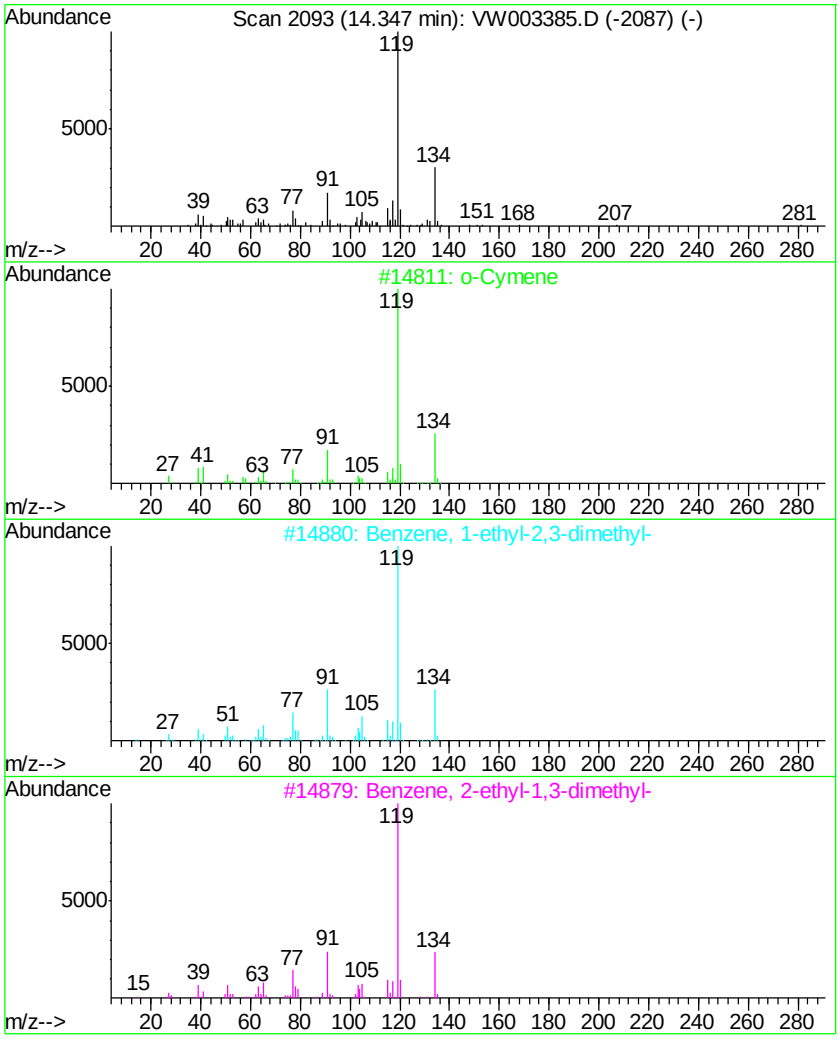
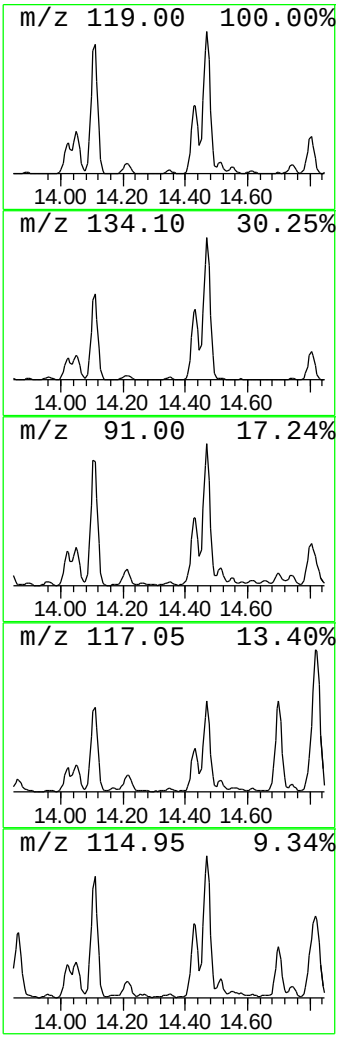
Peak Number 27 o-Cymene Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.35 | 3.70 ug/L | 42614 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 94 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 91 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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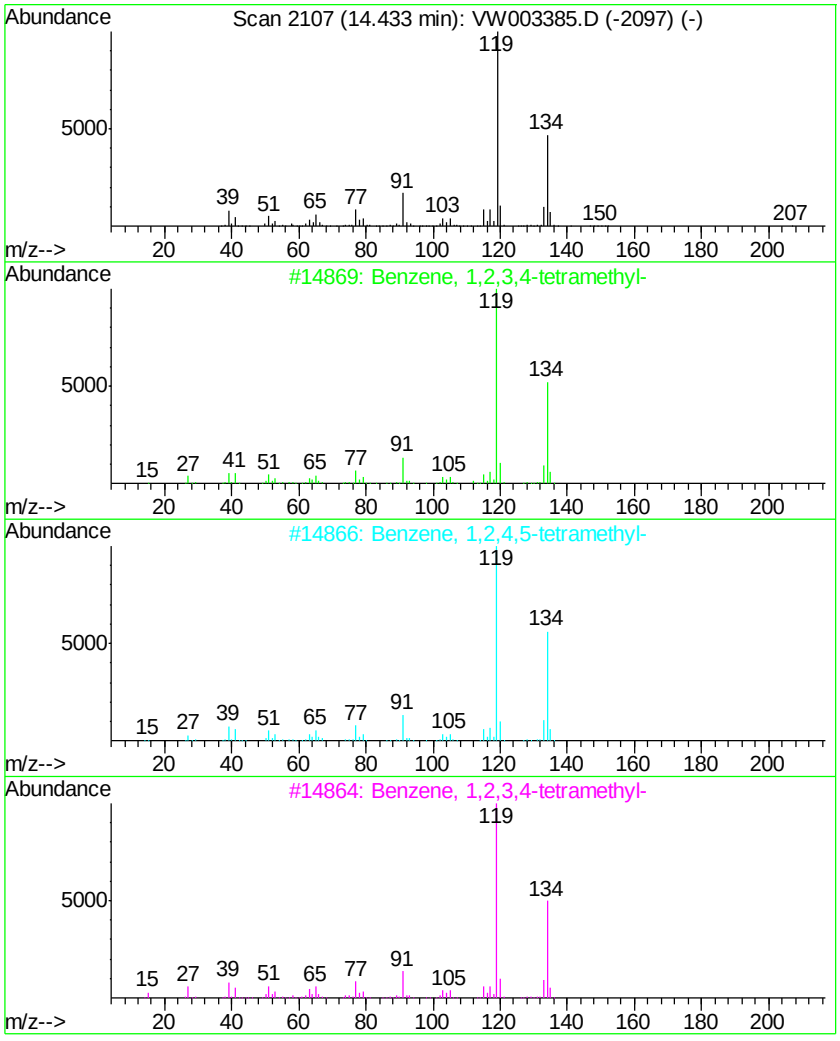
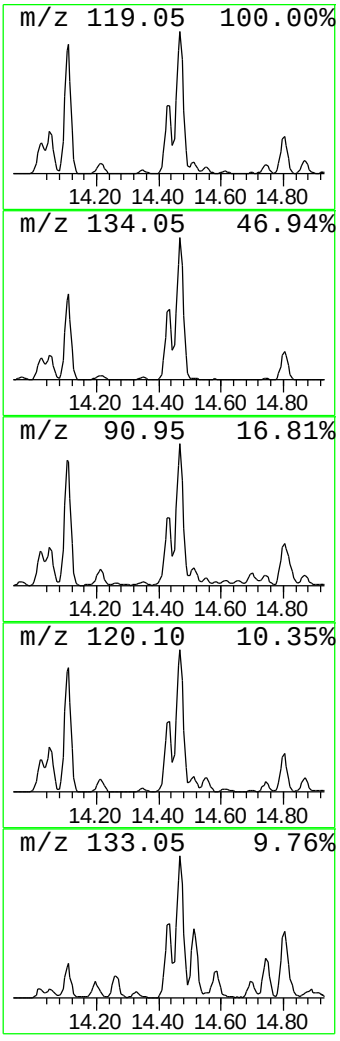
Peak Number 28 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.43 | 74.59 ug/L | 858230 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 96 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

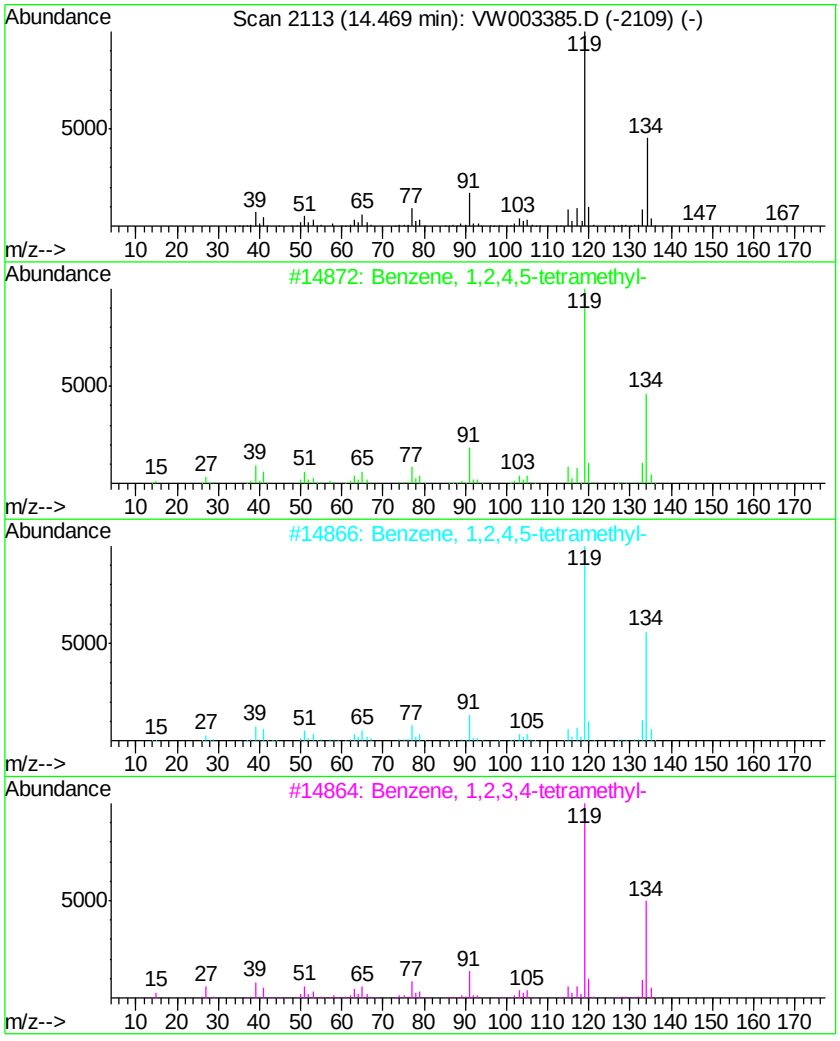
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

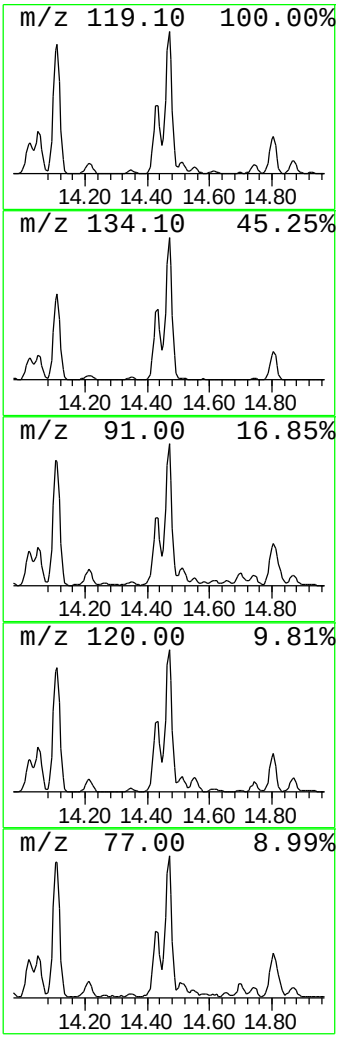
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.47 | 136.30 ug/L | 1568250 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

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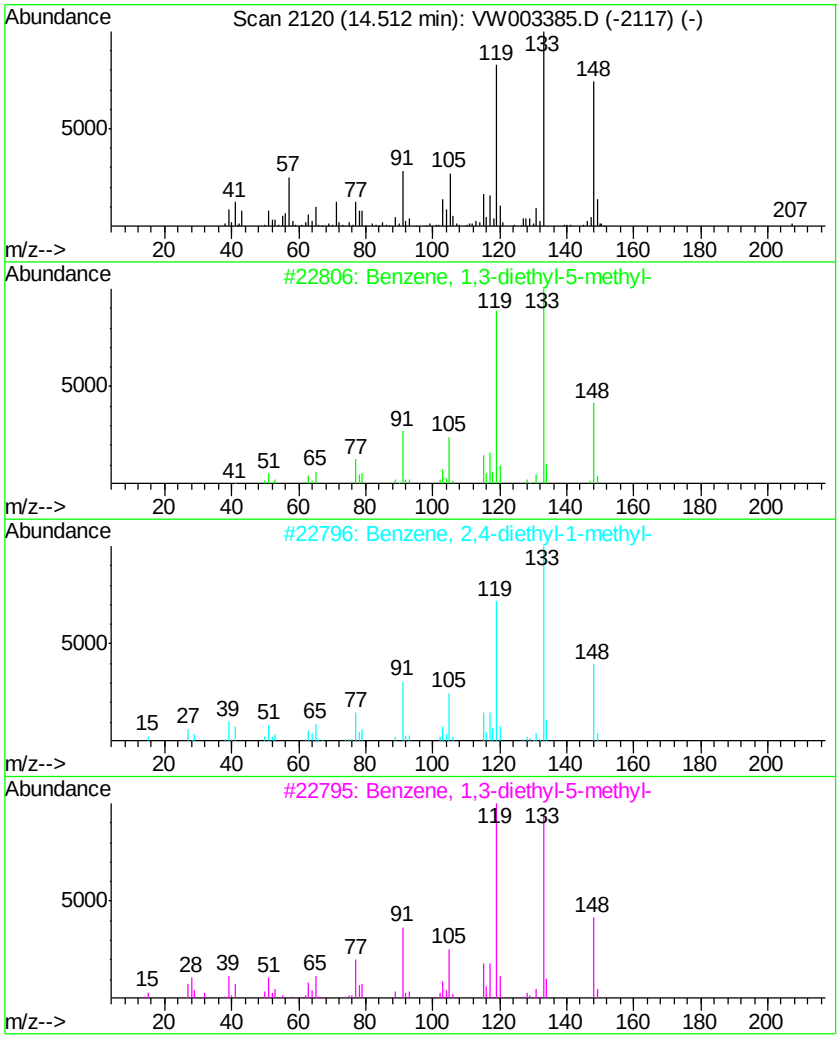
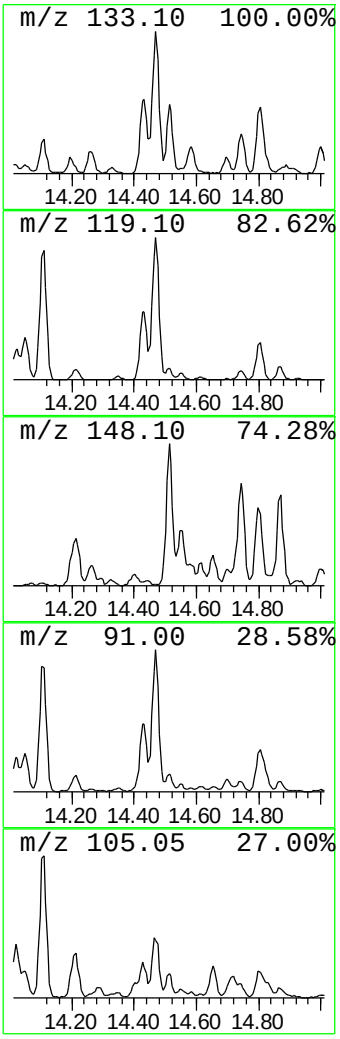
Peak Number 30 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.51 | 15.51 ug/L | 178492 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 91 |
| 2 | Benzene, 2,4-diethyl-1-methyl- | 148 | C11H16 | 001758-85-6 | 91 |
| 3 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 90 |
| 4 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 58 |
| 5 | Phenol, 2-(2-methyl-2-propenyl)- | 148 | C10H12O | 020944-88-1 | 52 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

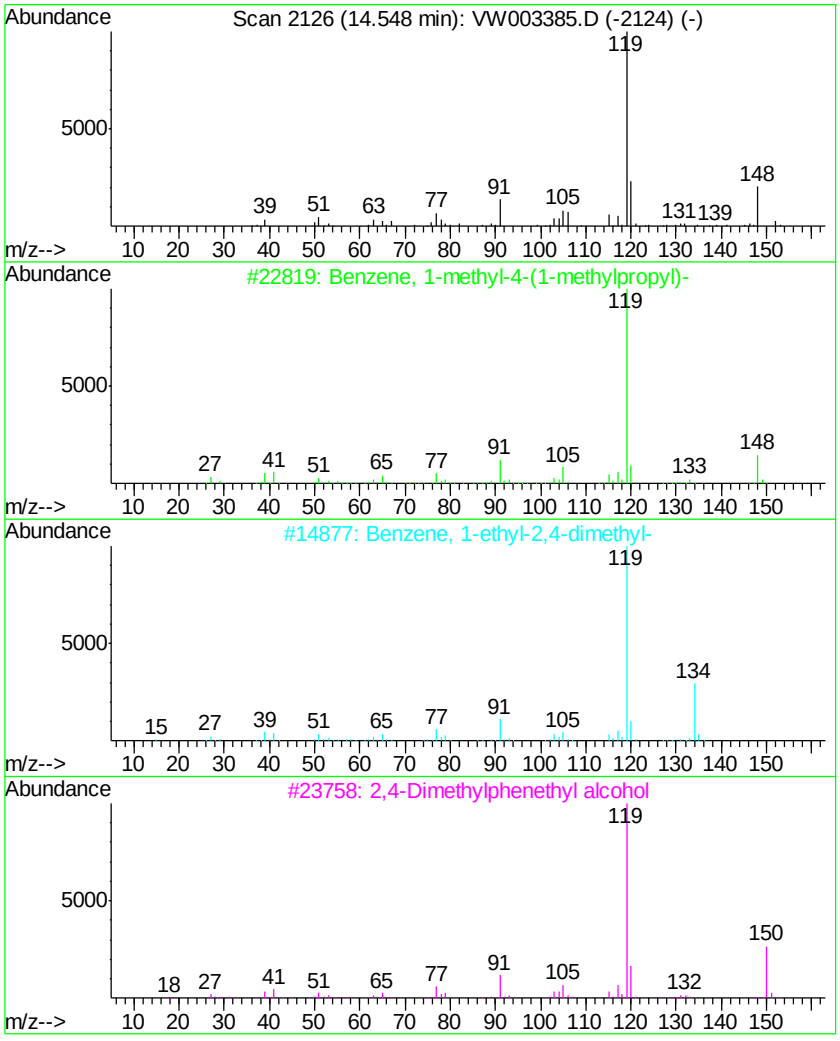
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

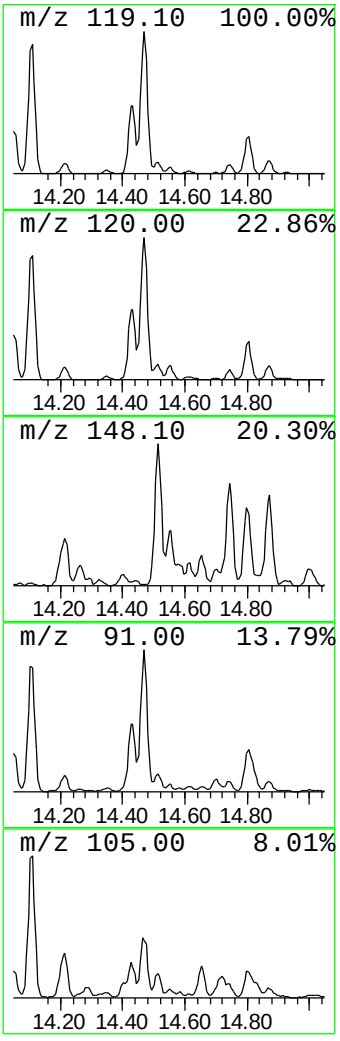
**********

Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.55 | 3.73 ug/L | 42940 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 72 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 59 |
| 3 | 2,4-Dimethylphenethyl alcohol | 150 | C10H14O | 006597-59-7 | 59 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 59 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 59 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

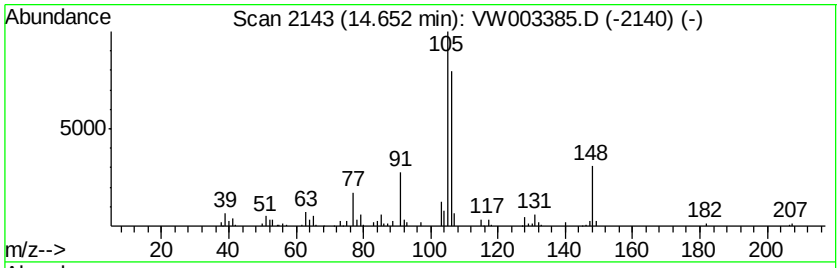
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

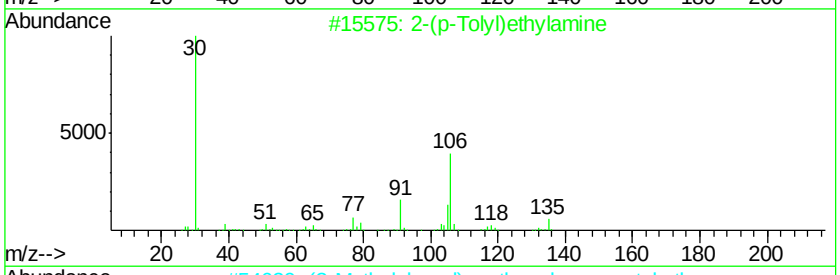
**********

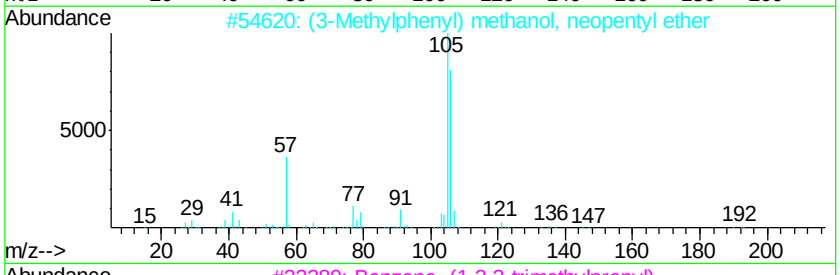
Peak Number 32 2-(p-Tolyl)ethylamine Concentration Rank 36

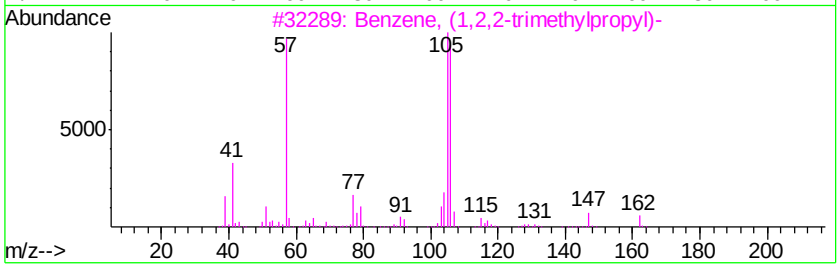
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.65 | 1.88 ug/L | 21582 | 1,4-Dichlorobenzene-d4 | 13.57 |

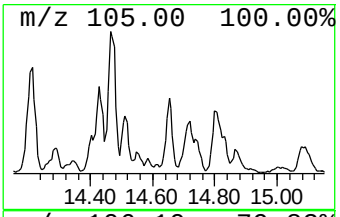
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(p-Tolyl)ethylamine | 135 | C9H13N | 003261-62-9 | 59 |
| 2 | (3-Methylphenyl) methanol, neope... | 192 | C13H20O | 1000374-44-1 | 53 |
| 3 | Benzene, (1,2,2-trimethylpropyl)- | 162 | C12H18 | 019262-20-5 | 45 |
| 4 | (3-Methylphenyl) methanol, 3-met... | 192 | C13H20O | 1000374-58-6 | 45 |
| 5 | Benzene, 1-methyl-4-(2-methylpro... | 148 | C11H16 | 005161-04-6 | 43 |

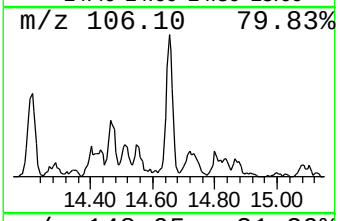


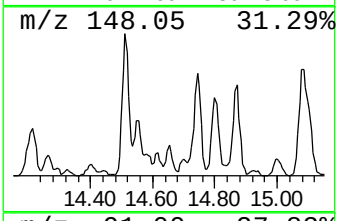



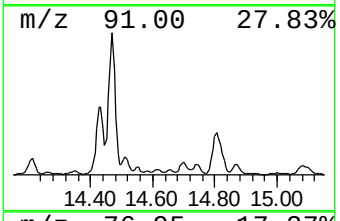



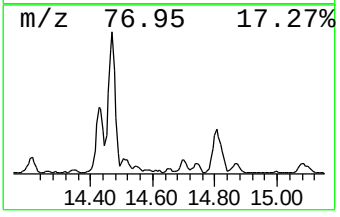



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

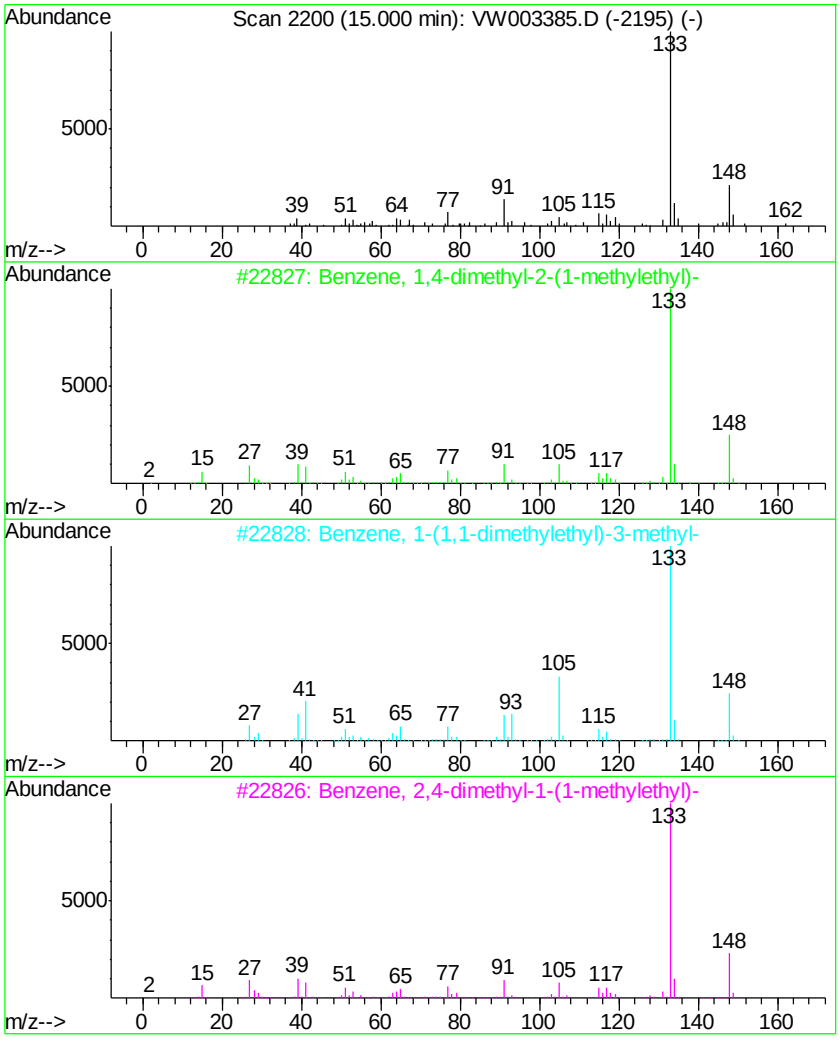
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

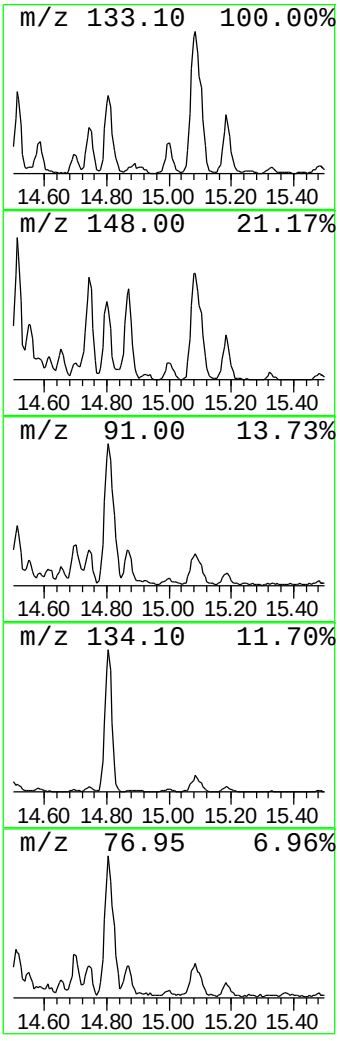
**********

Peak Number 37 Benzene, 1,4-dimethyl-2-(1-... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.00 | 2.52 ug/L | 29029 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-dimethyl-2-(1-methy... | 148 | C11H16 | 004132-72-3 | 90 |
| 2 | Benzene, 1-(1,1-dimethylethyl)-3... | 148 | C11H16 | 001075-38-3 | 87 |
| 3 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 87 |
| 4 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 87 |
| 5 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 80 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

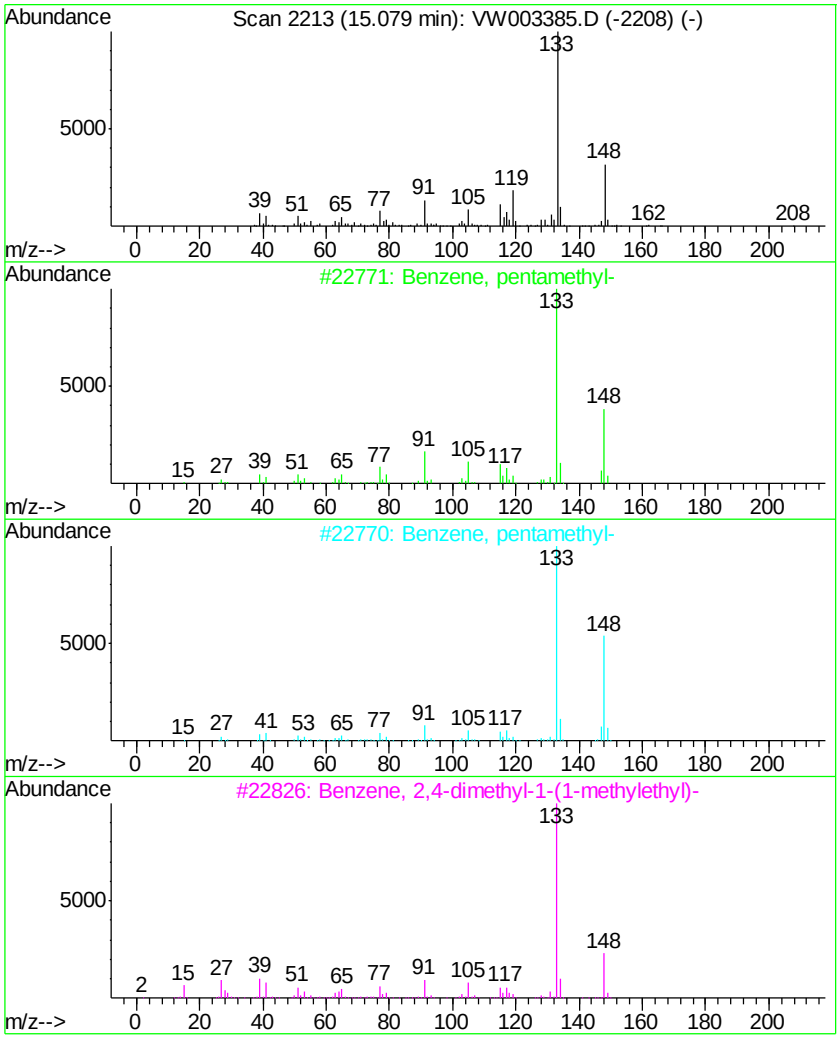
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

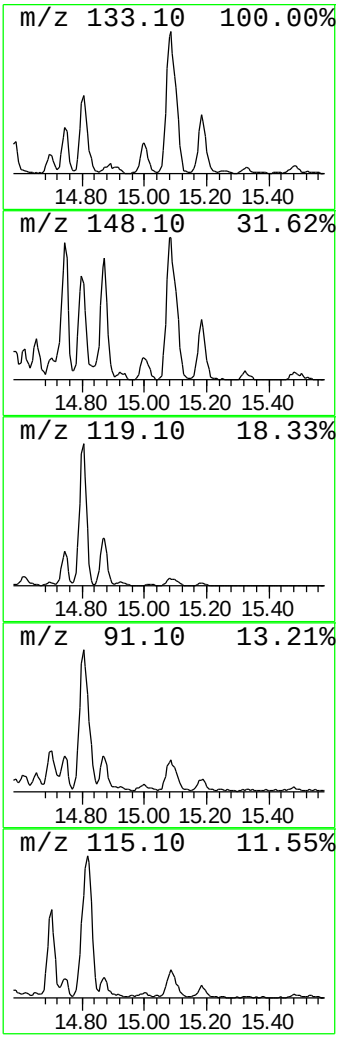
**********

Peak Number 38 Benzene, pentamethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.08 | 18.10 ug/L | 208264 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 93 |
| 2 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 91 |
| 3 | Benzene, 2,4-dimethyl-1-(1-methy... | 148 | C11H16 | 004706-89-2 | 90 |
| 4 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 90 |
| 5 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 90 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

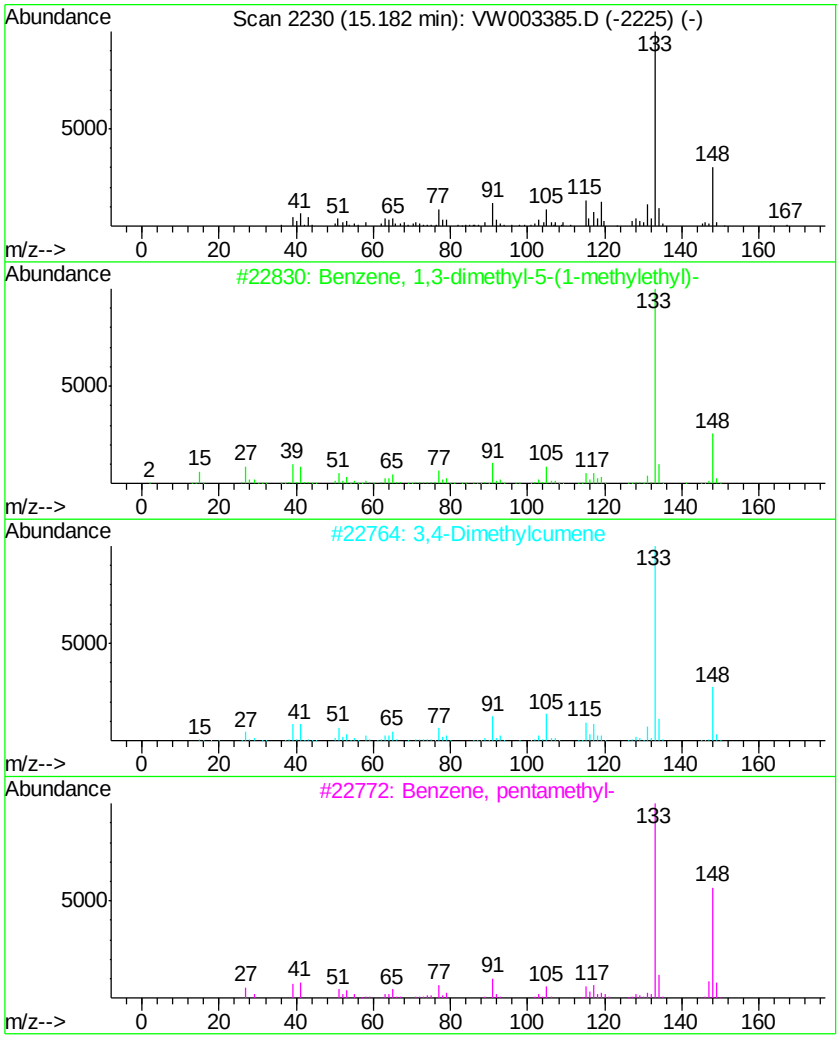
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

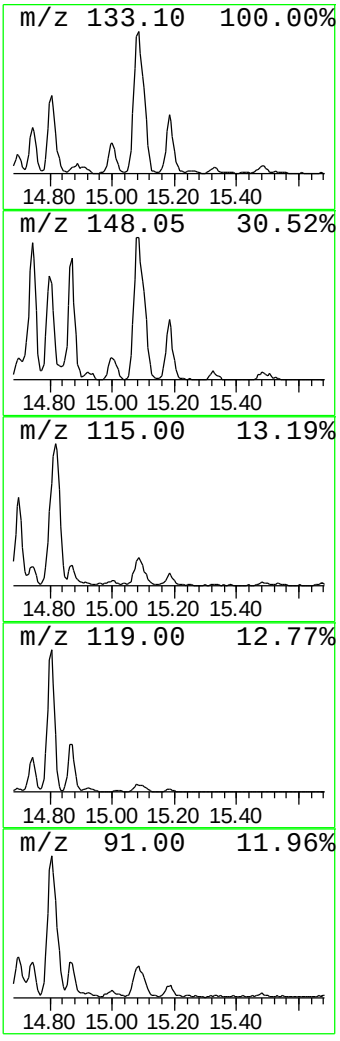
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.18 | 6.57 ug/L | 75582 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 87 |
| 2 | 3,4-Dimethylcumene | 148 | C11H16 | 1000370-34-1 | 86 |
| 3 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 83 |
| 4 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 81 |
| 5 | Benzene, 1,4-dimethyl-2-(1-methy... | 148 | C11H16 | 004132-72-3 | 74 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

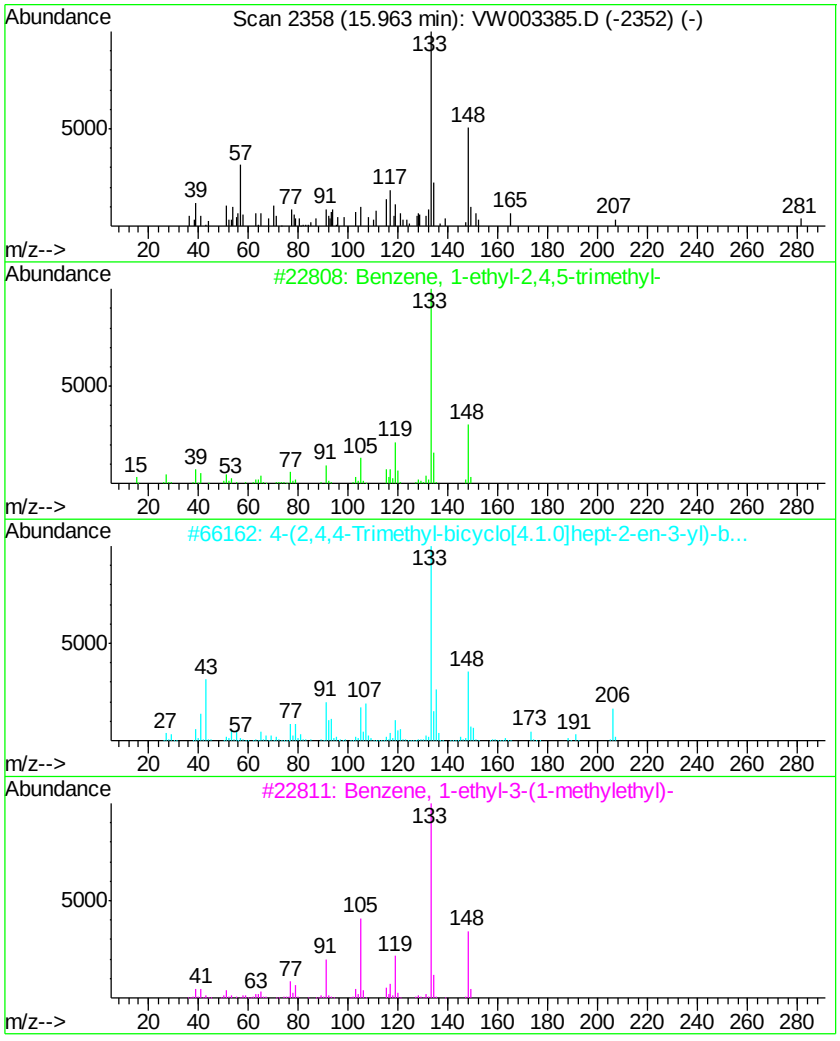
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

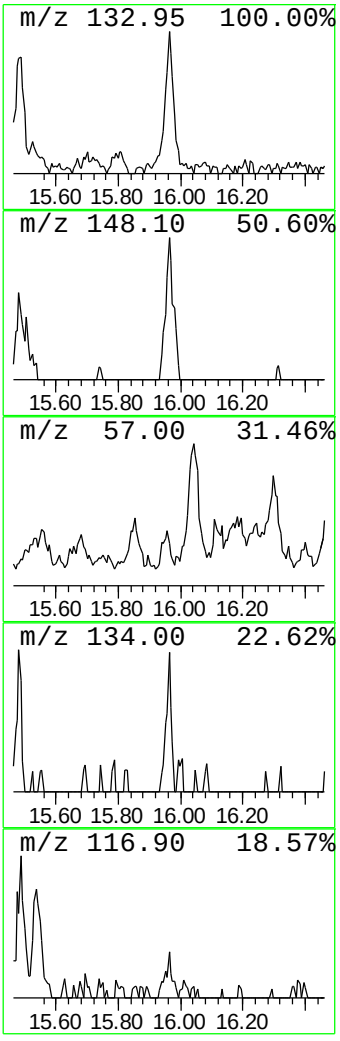
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.96 | 1.59 ug/L | 18347 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 72 |
| 2 | 4-(2,4,4-Trimethyl-bicyclo[4.1.0... | 206 | C14H22O | 1000194-96-6 | 64 |
| 3 | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 | C11H16 | 004920-99-4 | 64 |
| 4 | Benzene, 1,4-diethyl-2-methyl- | 148 | C11H16 | 013632-94-5 | 59 |
| 5 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 59 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

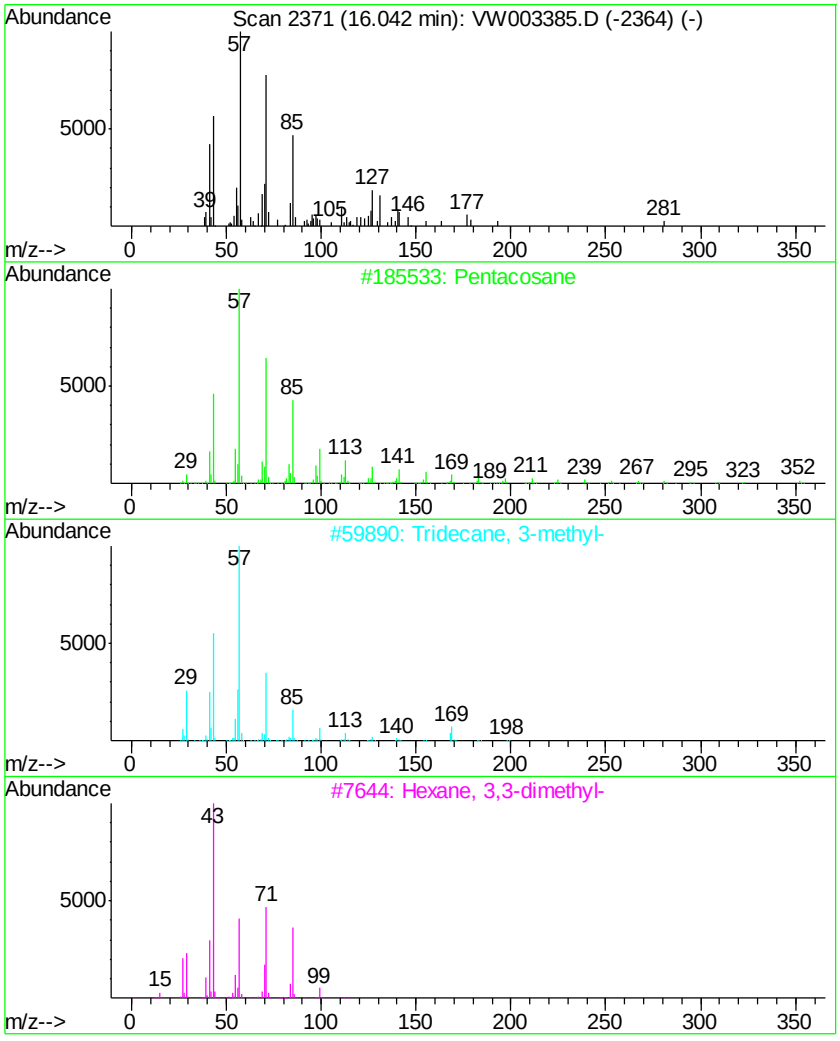
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

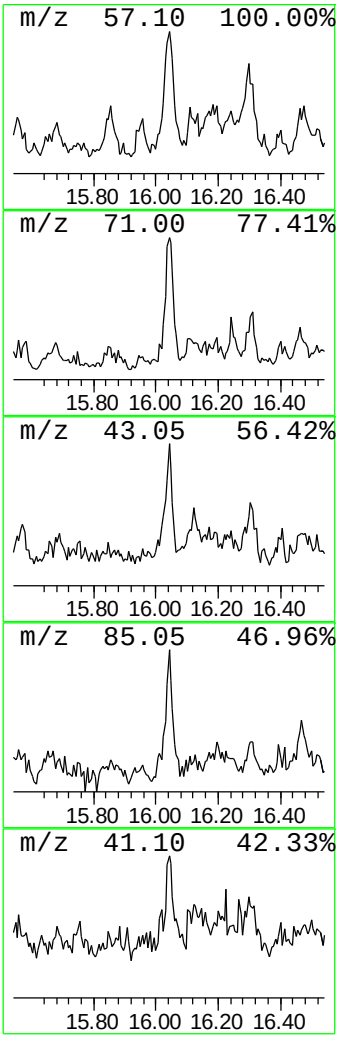
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.04 | 2.37 ug/L | 27258 | 1,4-Dichlorobenzene-d4 | 13.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 64 |
| 2 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 59 |
| 3 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 59 |
| 4 | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 53 |
| 5 | 1-Pentanol, 4-methyl-2-propyl- | 144 | C9H20O | 054004-41-0 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
Data File : VW003385.D
Acq On : 21 Jun 2018 14:10
Operator : SY/AP
Sample : J3569-11RE
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DAXR2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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: Cyc... | 1.95 | 2.3 | ug/L | 62415 | 1 | 8.85 | 693448 | 25.0 |
| Furan, 2,3-dihydr... | 11.07 | 3.7 | ug/L | 97556 | 2 | 11.63 | 655401 | 25.0 |
| (DEL) Alkane: Cyc... | 11.19 | 3.4 | ug/L | 90063 | 2 | 11.63 | 655401 | 25.0 |
| (DEL) Alkane: Cyc... | 11.28 | 8.6 | ug/L | 224434 | 2 | 11.63 | 655401 | 25.0 |
| Cyclohexanone, 2,... | 11.41 | 4.5 | ug/L | 118036 | 2 | 11.63 | 655401 | 25.0 |
| (DEL) Alkane: Cyc... | 11.52 | 4.0 | ug/L | 104249 | 2 | 11.63 | 655401 | 25.0 |
| Bicyclo[3.1.0]hex... | 11.74 | 14.1 | ug/L | 368511 | 2 | 11.63 | 655401 | 25.0 |
| (DEL) Alkane: Cyc... | 11.88 | 1.3 | ug/L | 34155 | 2 | 11.63 | 655401 | 25.0 |
| Tricyclo[2.2.1.0(... | 12.37 | 1.7 | ug/L | 43492 | 2 | 11.63 | 655401 | 25.0 |
| Benzene, 1,2,3-tr... | 12.95 | 9.1 | ug/L | 104986 | 3 | 13.57 | 287640 | 25.0 |
| Cyclohexane, 1-me... | 13.05 | 2.0 | ug/L | 22799 | 3 | 13.57 | 287640 | 25.0 |
| Mesitylene | 13.26 | 1.4 | ug/L | 16454 | 3 | 13.57 | 287640 | 25.0 |
| unknown-01 | 13.45 | 1.4 | ug/L | 15475 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1-methyl... | 13.51 | 1.7 | ug/L | 19657 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,2-diet... | 13.73 | 7.5 | ug/L | 86729 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,4-diet... | 13.80 | 28.1 | ug/L | 323603 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1-methyl... | 13.96 | 4.9 | ug/L | 55925 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 4-ethyl-... | 14.02 | 35.1 | ug/L | 403677 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 2-ethyl-... | 14.05 | 32.7 | ug/L | 376555 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,4-diet... | 14.26 | 3.3 | ug/L | 37571 | 3 | 13.57 | 287640 | 25.0 |
| o-Cymene | 14.35 | 3.7 | ug/L | 42614 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,2,3,4-... | 14.43 | 74.6 | ug/L | 858230 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,2,4,5-... | 14.47 | 136.3 | ug/L | 1568250 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,3-diet... | 14.51 | 15.5 | ug/L | 178492 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1-methyl... | 14.55 | 3.7 | ug/L | 42940 | 3 | 13.57 | 287640 | 25.0 |
| 2-(p-Tolyl)ethyla... | 14.65 | 1.9 | ug/L | 21582 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,4-dime... | 15.00 | 2.5 | ug/L | 29029 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, pentamet... | 15.08 | 18.1 | ug/L | 208264 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1,3-dime... | 15.18 | 6.6 | ug/L | 75582 | 3 | 13.57 | 287640 | 25.0 |
| Benzene, 1-ethyl-... | 15.96 | 1.6 | ug/L | 18347 | 3 | 13.57 | 287640 | 25.0 |
| (DEL) Alkane: Str... | 16.04 | 2.4 | ug/L | 27258 | 3 | 13.57 | 287640 | 25.0 |