LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\Method\82X043024W.M
Title : SW846 8260

Signal : TIC: VX041319.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.117 | 324 | 333 | 348 | rVB | 106201 | 250249 | 16.17% | 1.821% |
| 2 | 5.385 | 694 | 705 | 715 | rBV2 | 94656 | 282739 | 18.27% | 2.058% |
| 3 | 5.550 | 722 | 732 | 752 | rVB | 173318 | 498026 | 32.18% | 3.625% |
| 4 | 5.952 | 789 | 798 | 808 | rBV | 93393 | 244763 | 15.82% | 1.781% |
| 5 | 6.757 | 921 | 930 | 949 | rBV | 217905 | 519347 | 33.56% | 3.780% |
| 6 | 7.373 | 1020 | 1031 | 1041 | rBV2 | 14130 | 34135 | 2.21% | 0.248% |
| 7 | 8.647 | 1234 | 1240 | 1250 | rVB | 490095 | 757684 | 48.96% | 5.514% |
| 8 | 8.976 | 1288 | 1294 | 1303 | rVB2 | 9150 | 16068 | 1.04% | 0.117% |
| 9 | 10.055 | 1465 | 1471 | 1478 | rBV | 529791 | 726348 | 46.94% | 5.286% |
| 10 | 10.122 | 1478 | 1482 | 1488 | rVB2 | 12436 | 19384 | 1.25% | 0.141% |
| 11 | 10.274 | 1502 | 1507 | 1511 | rBV3 | 9799 | 17638 | 1.14% | 0.128% |
| 12 | 10.585 | 1547 | 1558 | 1565 | rBV7 | 7808 | 23757 | 1.54% | 0.173% |
| 13 | 10.780 | 1586 | 1590 | 1597 | rVB | 11745 | 17127 | 1.11% | 0.125% |
| 14 | 10.854 | 1597 | 1602 | 1610 | rBV5 | 9272 | 19557 | 1.26% | 0.142% |
| 15 | 10.963 | 1614 | 1620 | 1626 | rBV | 128711 | 168795 | 10.91% | 1.228% |
| 16 | 11.079 | 1634 | 1639 | 1645 | rBV | 481871 | 628148 | 40.59% | 4.572% |
| 17 | 11.219 | 1654 | 1662 | 1669 | rVB7 | 9729 | 20274 | 1.31% | 0.148% |
| 18 | 11.305 | 1669 | 1676 | 1686 | rBV | 135666 | 176687 | 11.42% | 1.286% |
| 19 | 11.616 | 1717 | 1727 | 1735 | rBV6 | 13137 | 29787 | 1.92% | 0.217% |
| 20 | 11.713 | 1735 | 1743 | 1747 | rBV | 29629 | 40271 | 2.60% | 0.293% |
| 21 | 11.866 | 1760 | 1768 | 1769 | rBV | 34568 | 46060 | 2.98% | 0.335% |
| 22 | 11.890 | 1769 | 1772 | 1777 | rVB | 98825 | 119470 | 7.72% | 0.869% |
| 23 | 12.018 | 1788 | 1793 | 1802 | rBV | 590511 | 765333 | 49.46% | 5.570% |
| 24 | 12.177 | 1814 | 1819 | 1824 | rVB | 49696 | 60000 | 3.88% | 0.437% |
| 25 | 12.244 | 1824 | 1830 | 1837 | rBV2 | 571232 | 730498 | 47.21% | 5.317% |
| 26 | 12.311 | 1837 | 1841 | 1850 | rVB2 | 57909 | 106897 | 6.91% | 0.778% |
| 27 | 12.402 | 1850 | 1856 | 1863 | rBV | 90595 | 114798 | 7.42% | 0.835% |
| 28 | 12.609 | 1883 | 1890 | 1893 | rBV | 357160 | 435707 | 28.16% | 3.171% |
| 29 | 12.646 | 1893 | 1896 | 1900 | rVV | 127823 | 159629 | 10.32% | 1.162% |
| 30 | 12.701 | 1900 | 1905 | 1912 | rVV2 | 333669 | 539501 | 34.86% | 3.926% |
| 31 | 12.756 | 1912 | 1914 | 1919 | rVB2 | 14268 | 17132 | 1.11% | 0.125% |
| 32 | 12.841 | 1919 | 1928 | 1933 | rVB | 70360 | 115110 | 7.44% | 0.838% |
| 33 | 12.920 | 1933 | 1941 | 1946 | rBV | 321011 | 419988 | 27.14% | 3.057% |
| 34 | 12.969 | 1946 | 1949 | 1953 | rVB4 | 12457 | 15805 | 1.02% | 0.115% |
| 35 | 13.024 | 1954 | 1958 | 1964 | rVB2 | 40109 | 64480 | 4.17% | 0.469% |
| 36 | 13.097 | 1965 | 1970 | 1972 | rBV | 37654 | 52971 | 3.42% | 0.386% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\Method\82X043024W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.134 | 1972 | 1976 | 1979 | rBV2 | 58168 | 78410 | 5.07% | 0.571% |
| 38 | 13.170 | 1979 | 1982 | 1985 | rVB | 81331 | 82968 | 5.36% | 0.604% |
| 39 | 13.286 | 1991 | 2001 | 2008 | rBV2 | 1097915 | 1547443 | 100.00% | 11.262% |
| 40 | 13.347 | 2008 | 2011 | 2012 | rVV | 23082 | 26305 | 1.70% | 0.191% |
| 41 | 13.365 | 2012 | 2014 | 2017 | rVV | 29020 | 38150 | 2.47% | 0.278% |
| 42 | 13.420 | 2020 | 2023 | 2029 | rVB | 76664 | 99418 | 6.42% | 0.724% |
| 43 | 13.506 | 2033 | 2037 | 2040 | rVV2 | 37316 | 52551 | 3.40% | 0.382% |
| 44 | 13.542 | 2040 | 2043 | 2046 | rVV | 59609 | 81432 | 5.26% | 0.593% |
| 45 | 13.585 | 2046 | 2050 | 2053 | rVV2 | 141581 | 201079 | 12.99% | 1.463% |
| 46 | 13.640 | 2053 | 2059 | 2060 | rVV2 | 98888 | 158265 | 10.23% | 1.152% |
| 47 | 13.664 | 2060 | 2063 | 2072 | rVV2 | 138028 | 256902 | 16.60% | 1.870% |
| 48 | 13.749 | 2072 | 2077 | 2079 | rVV | 37911 | 49384 | 3.19% | 0.359% |
| 49 | 13.792 | 2079 | 2084 | 2089 | rVV2 | 55373 | 104106 | 6.73% | 0.758% |
| 50 | 13.853 | 2089 | 2094 | 2098 | rVB | 97278 | 117525 | 7.59% | 0.855% |
| 51 | 13.926 | 2098 | 2106 | 2110 | rBV2 | 139579 | 211549 | 13.67% | 1.540% |
| 52 | 13.969 | 2110 | 2113 | 2117 | rVV | 56799 | 76234 | 4.93% | 0.555% |
| 53 | 14.073 | 2126 | 2130 | 2133 | rBV | 54395 | 73274 | 4.74% | 0.533% |
| 54 | 14.103 | 2133 | 2135 | 2139 | rVB | 39577 | 40766 | 2.63% | 0.297% |
| 55 | 14.225 | 2148 | 2155 | 2163 | rVB4 | 168696 | 323788 | 20.92% | 2.357% |
| 56 | 14.323 | 2167 | 2171 | 2175 | rVV | 43297 | 58291 | 3.77% | 0.424% |
| 57 | 14.371 | 2175 | 2179 | 2183 | rVV | 70542 | 90146 | 5.83% | 0.656% |
| 58 | 14.414 | 2183 | 2186 | 2191 | rVB | 20138 | 27771 | 1.79% | 0.202% |
| 59 | 14.481 | 2191 | 2197 | 2206 | rBV2 | 224213 | 312565 | 20.20% | 2.275% |
| 60 | 14.615 | 2215 | 2219 | 2220 | rBV2 | 31119 | 38016 | 2.46% | 0.277% |
| 61 | 14.633 | 2220 | 2222 | 2226 | rVV2 | 71551 | 91370 | 5.90% | 0.665% |
| 62 | 14.670 | 2226 | 2228 | 2232 | rVV | 35993 | 38988 | 2.52% | 0.284% |
| 63 | 14.725 | 2232 | 2237 | 2241 | rVB2 | 15895 | 23178 | 1.50% | 0.169% |
| 64 | 14.780 | 2241 | 2246 | 2251 | rBV2 | 122563 | 193301 | 12.49% | 1.407% |
| 65 | 14.847 | 2255 | 2257 | 2260 | rVV2 | 15281 | 16451 | 1.06% | 0.120% |
| 66 | 14.914 | 2260 | 2268 | 2274 | rVB6 | 12264 | 29566 | 1.91% | 0.215% |
| 67 | 15.182 | 2307 | 2312 | 2319 | rVV | 35416 | 63699 | 4.12% | 0.464% |
| 68 | 15.255 | 2319 | 2324 | 2331 | rVB5 | 10989 | 18738 | 1.21% | 0.136% |
| 69 | 15.377 | 2338 | 2344 | 2346 | rBV | 36709 | 54623 | 3.53% | 0.398% |
| 70 | 15.408 | 2346 | 2349 | 2353 | rVB | 27217 | 37931 | 2.45% | 0.276% |
| 71 | 15.475 | 2353 | 2360 | 2365 | rBV | 94790 | 151231 | 9.77% | 1.101% |
| 72 | 15.609 | 2374 | 2382 | 2387 | rBV | 174309 | 299203 | 19.34% | 2.178% |
| 73 | 15.652 | 2387 | 2389 | 2396 | rVB | 40281 | 51699 | 3.34% | 0.376% |
| 74 | 15.731 | 2396 | 2402 | 2407 | rBV2 | 11473 | 21796 | 1.41% | 0.159% |
| 75 | 15.810 | 2409 | 2415 | 2416 | rVV | 26030 | 35562 | 2.30% | 0.259% |
| 76 | 15.834 | 2416 | 2419 | 2436 | rVB2 | 45838 | 99025 | 6.40% | 0.721% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\Method\82X043024W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.987 | 2436 | 2444 | 2456 | rBV2 | 27230 | 53131 | 3.43% | 0.387% |
| 78 | 16.328 | 2492 | 2500 | 2510 | rVB4 | 15351 | 40411 | 2.61% | 0.294% |
| 79 | 16.651 | 2548 | 2553 | 2563 | rVB3 | 8026 | 19704 | 1.27% | 0.143% |

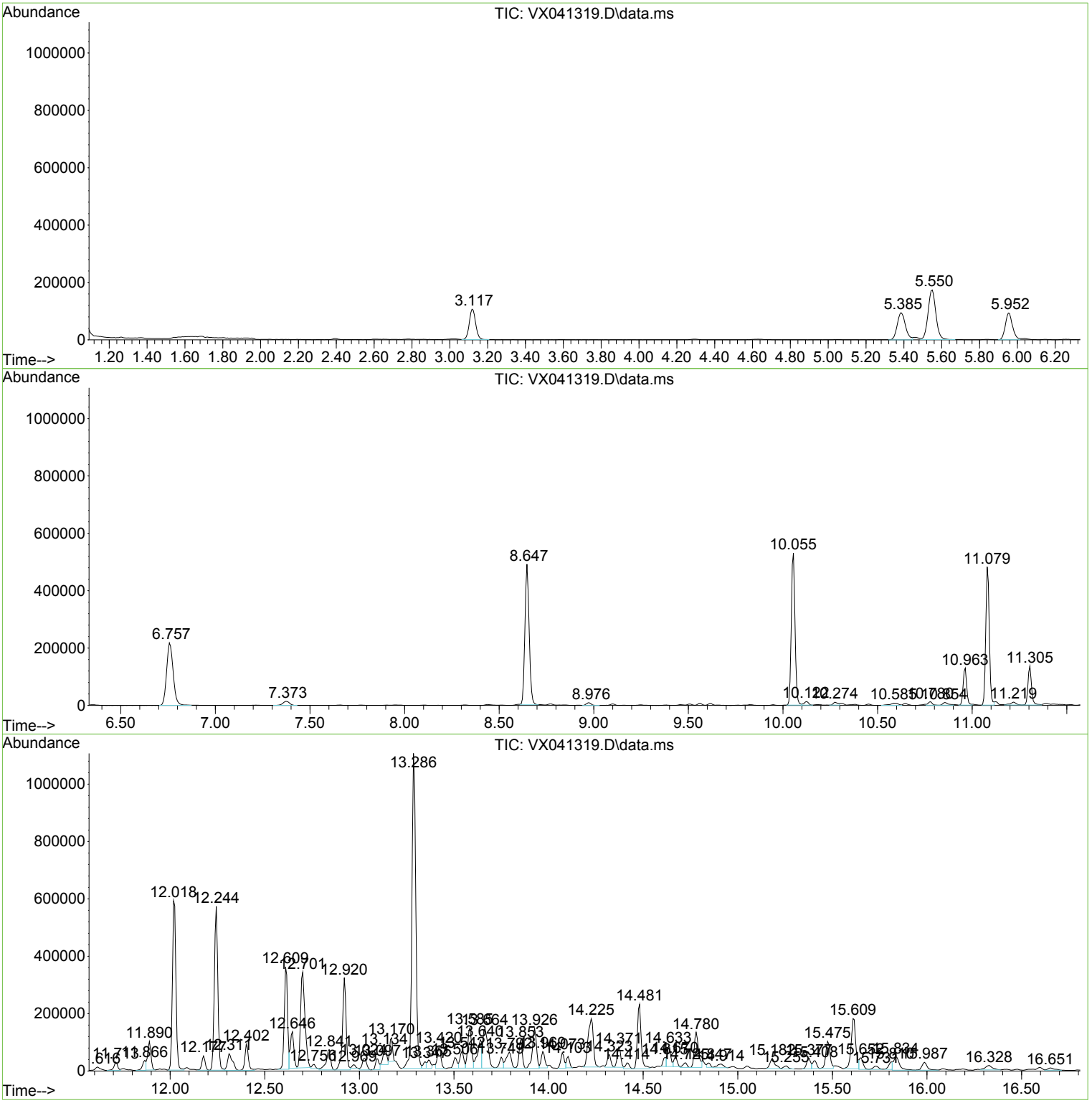
Sum of corrected areas: 13740108

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

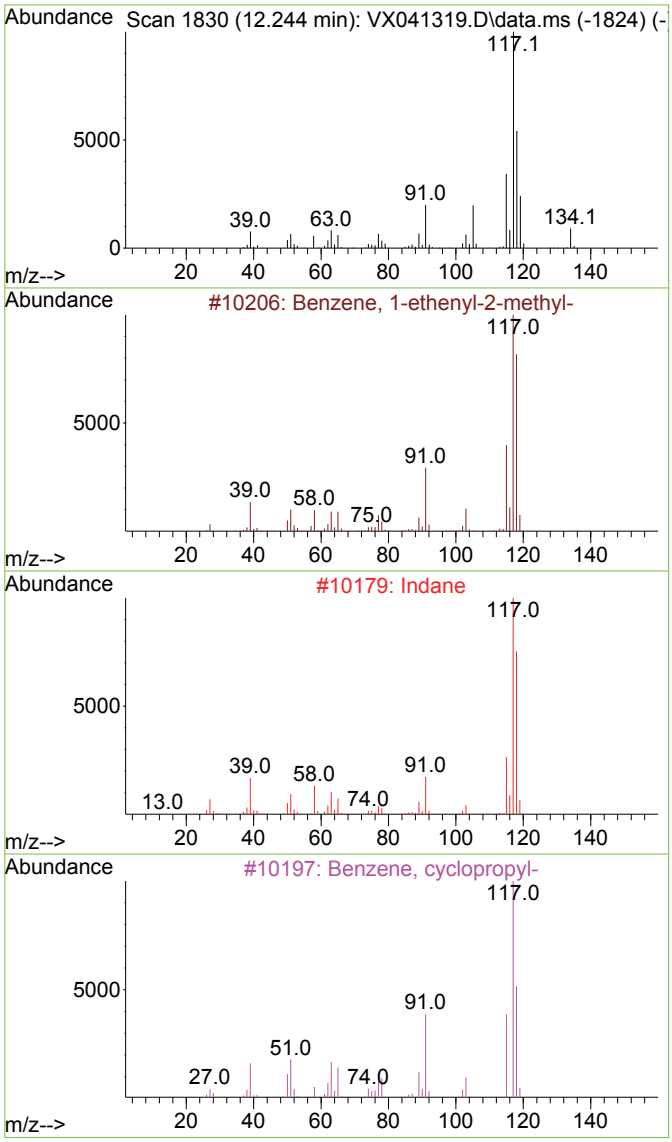
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

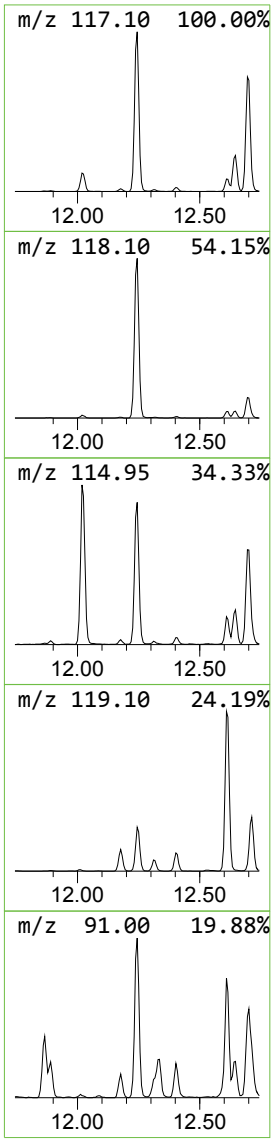
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 47.72 ug/l | 730498 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 83 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 64 |
| 5 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

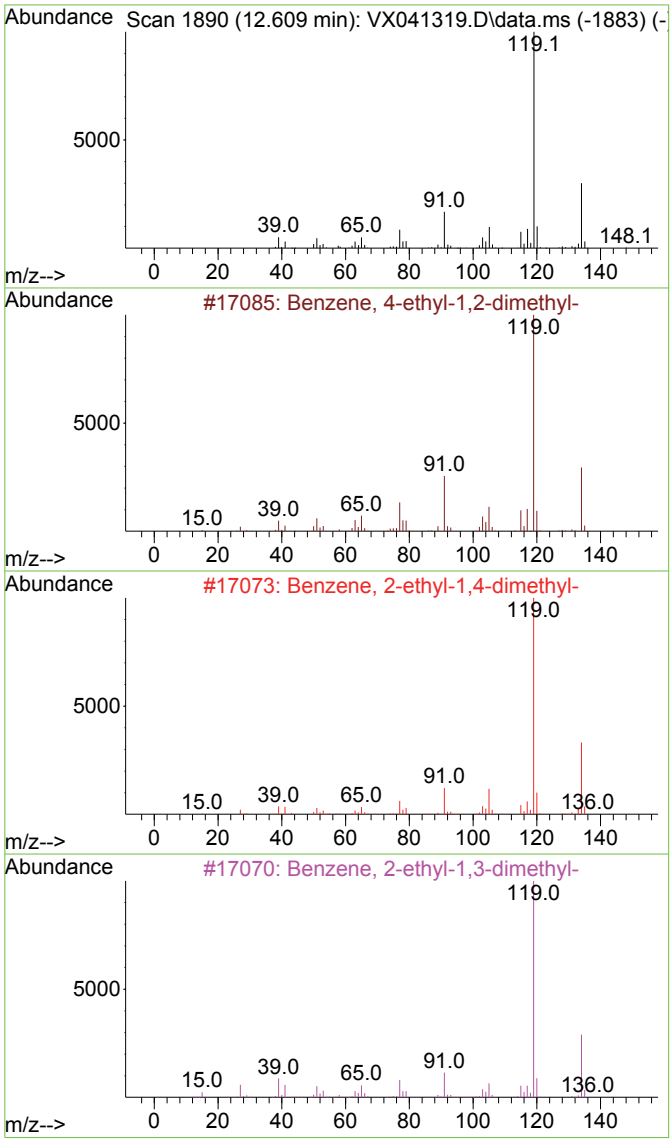
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

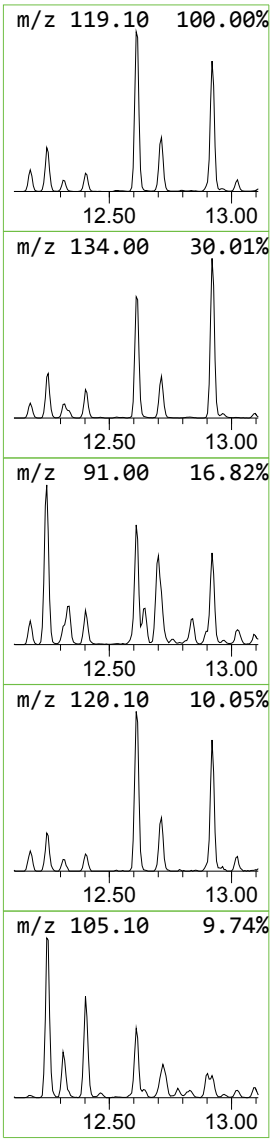
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.609 | 28.47 ug/l | 435707 | 1,4-Dichlorobenzene-d4 | 12.024 |

| 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-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

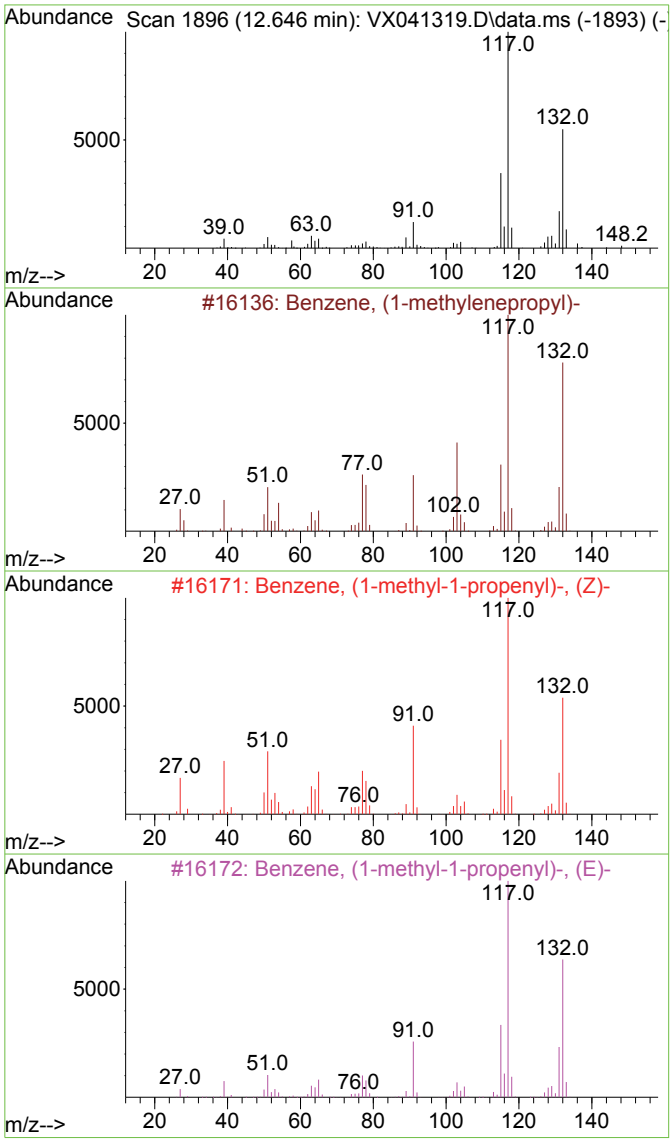
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

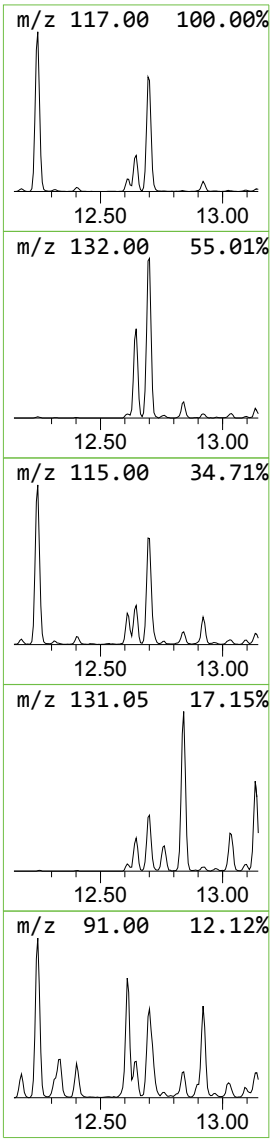
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, (1-methylenepropyl)- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.646 | 10.43 ug/l | 159629 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylenepropyl)- | 132 | C10H12 | 002039-93-2 | 91 |
| 2 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 91 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 91 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 91 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

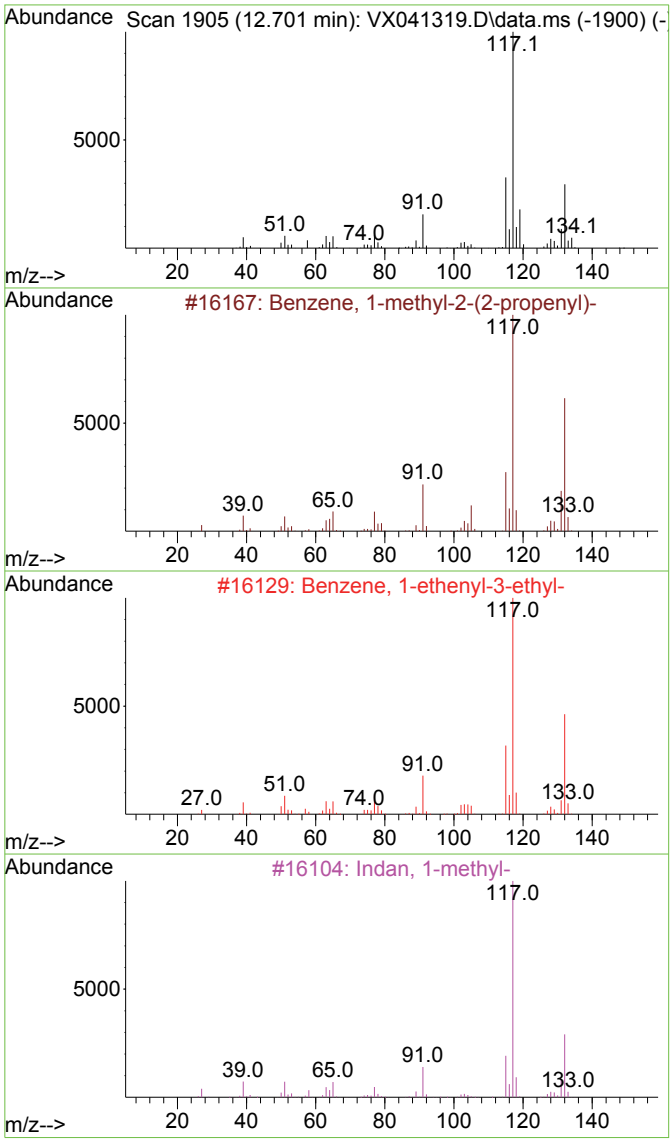
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

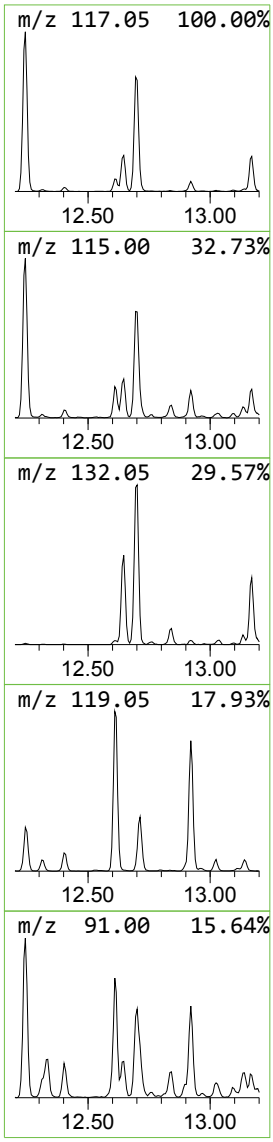
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 35.25 ug/l | 539501 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 87 |
| 2 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 87 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 87 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

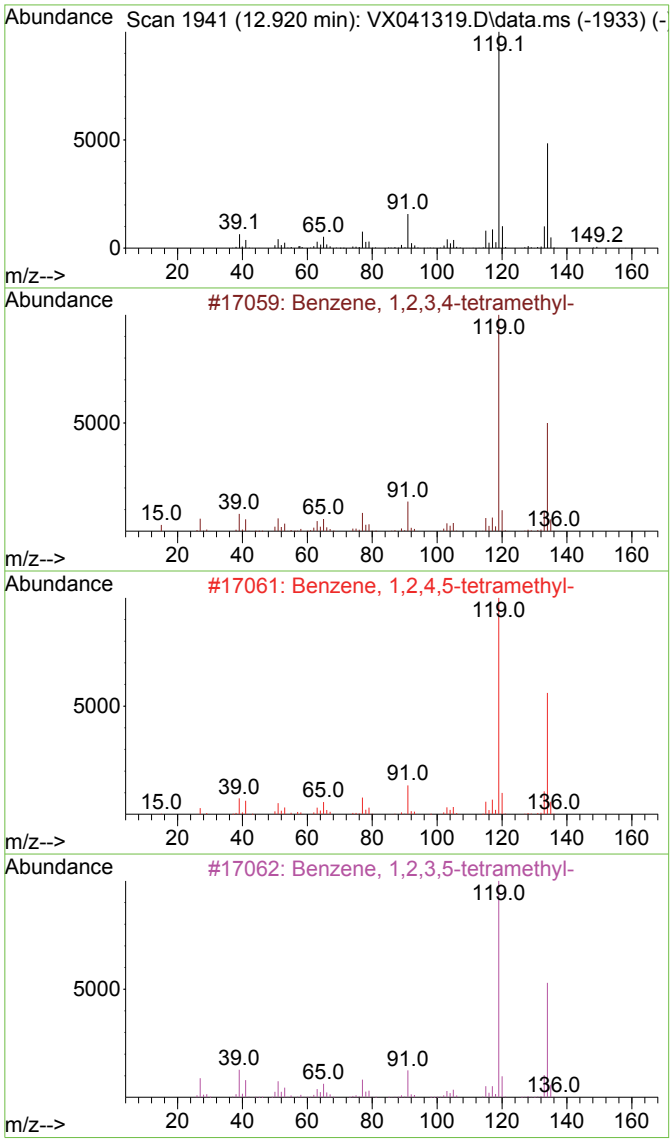
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

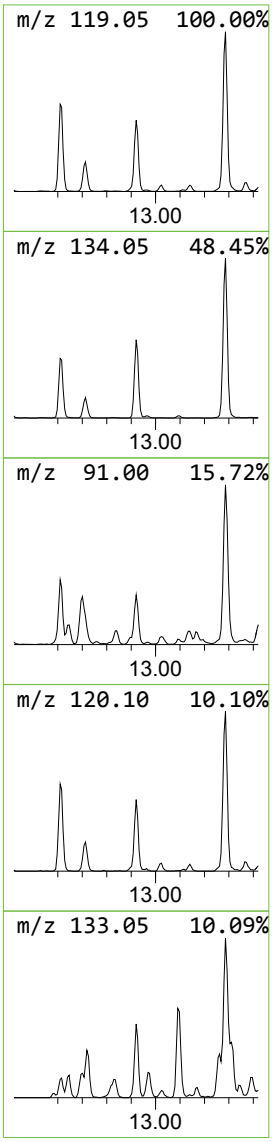
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 27.44 ug/l | 419988 | 1,4-Dichlorobenzene-d4 | 12.024 |

| 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, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 97 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

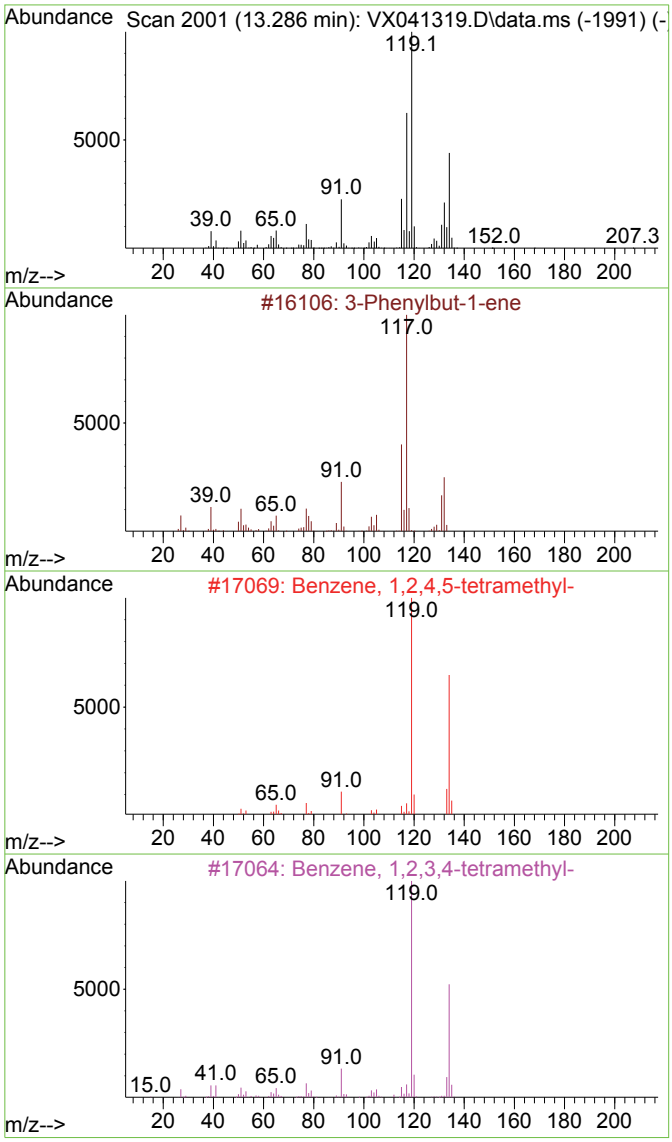
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

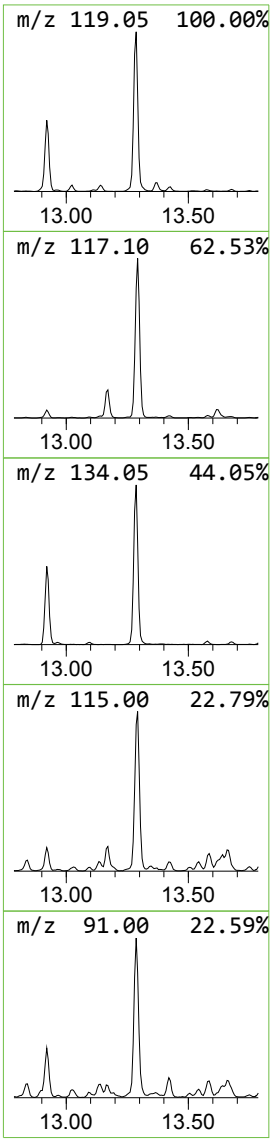
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 3-Phenylbut-1-ene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.286 | 101.10 ug/l | 1547440 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 80 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 64 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 64 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

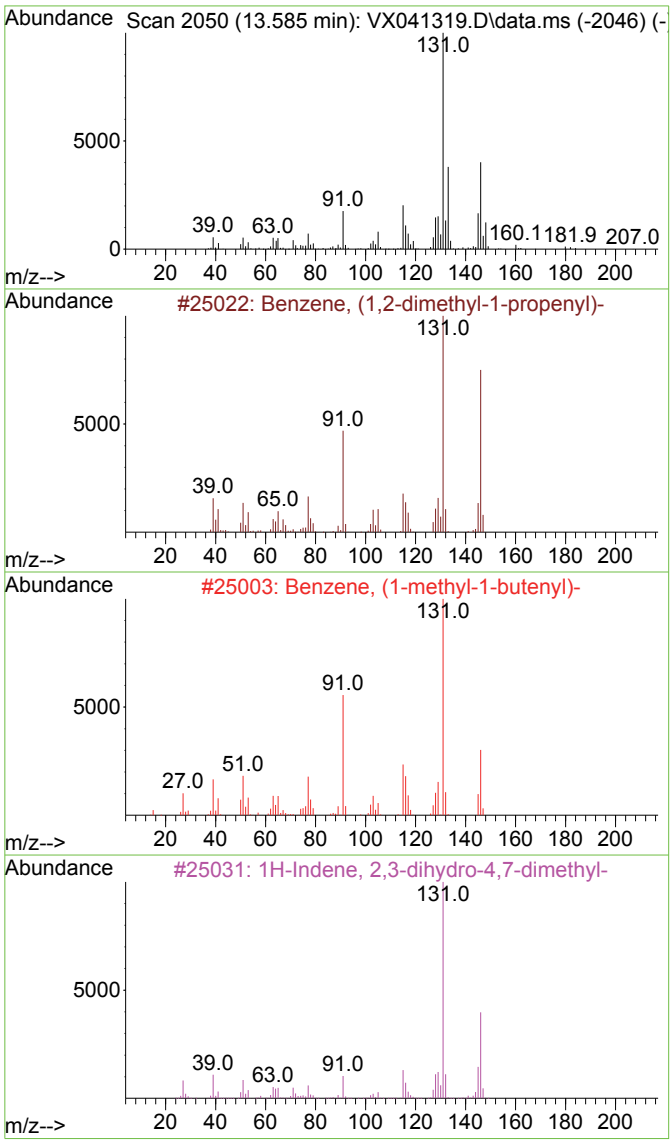
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

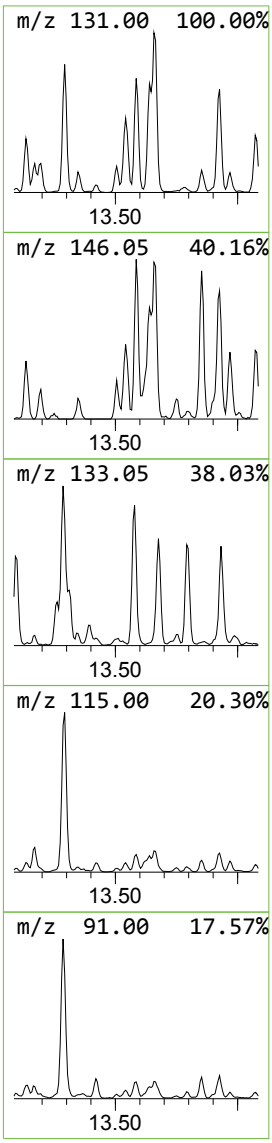
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.585 | 13.14 ug/l | 201079 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 95 |
| 2 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 95 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |
| 4 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 90 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

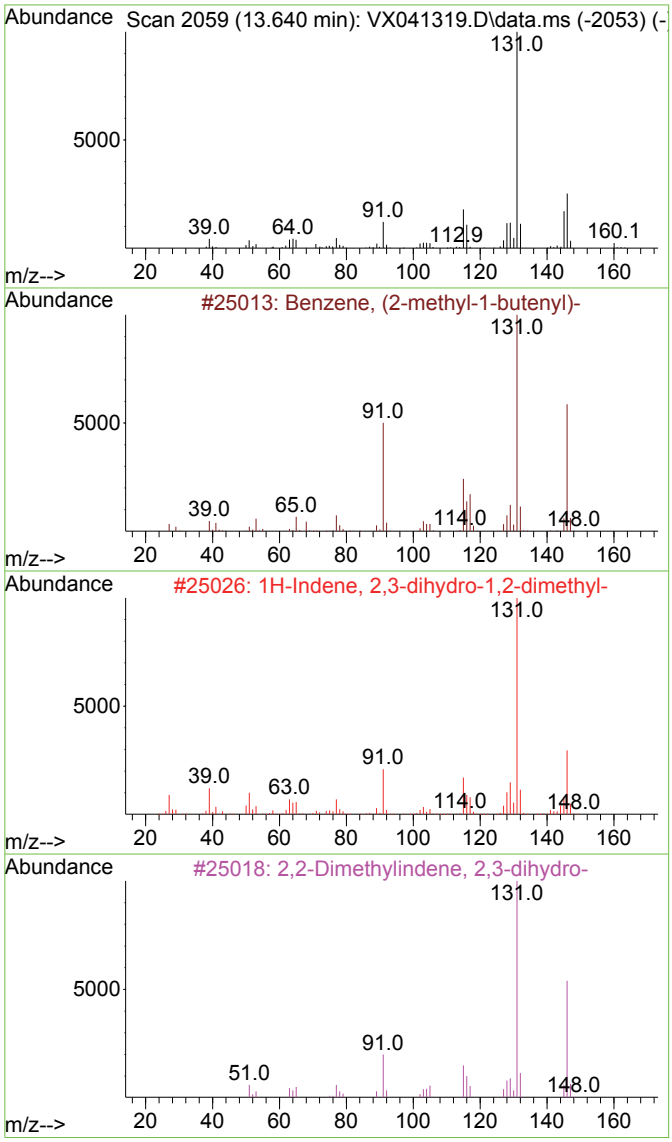
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

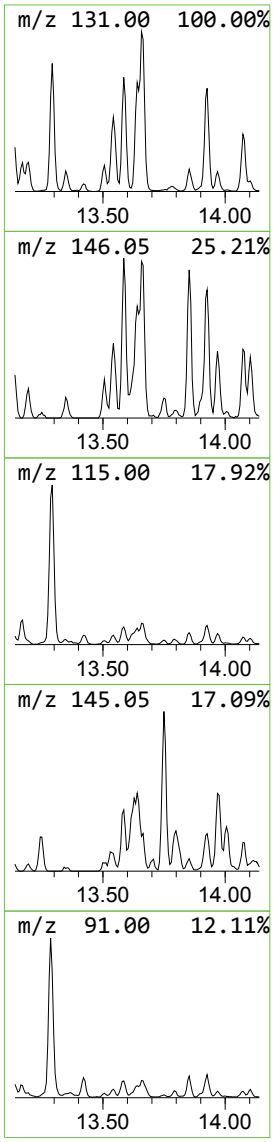
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.640 | 10.34 ug/l | 158265 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 91 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |
| 5 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

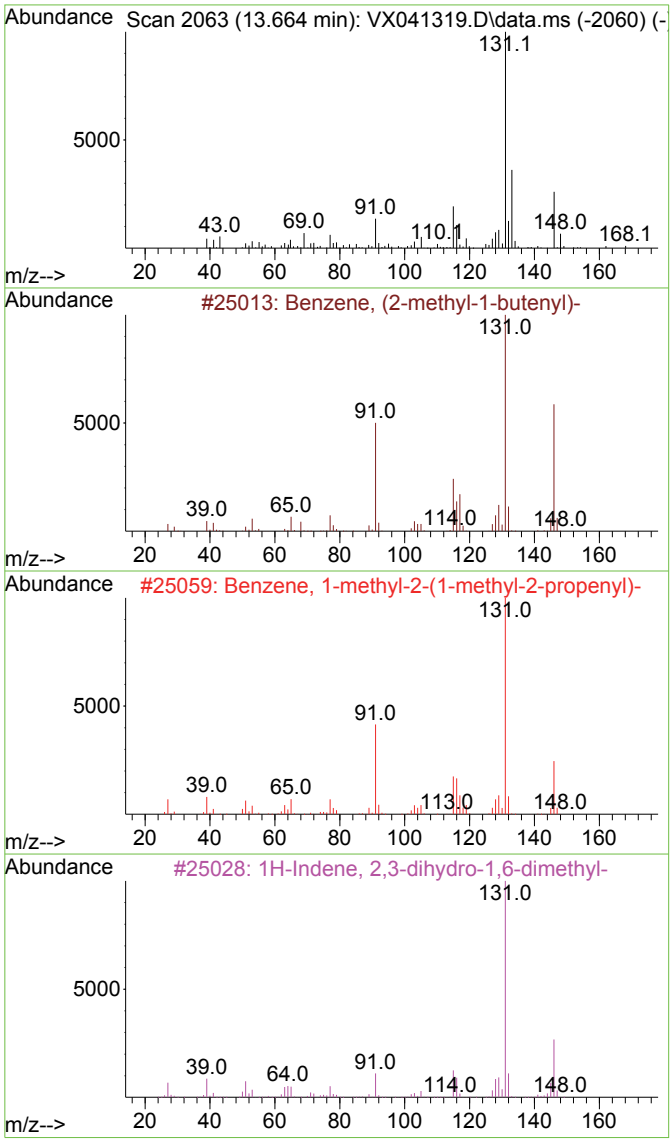
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

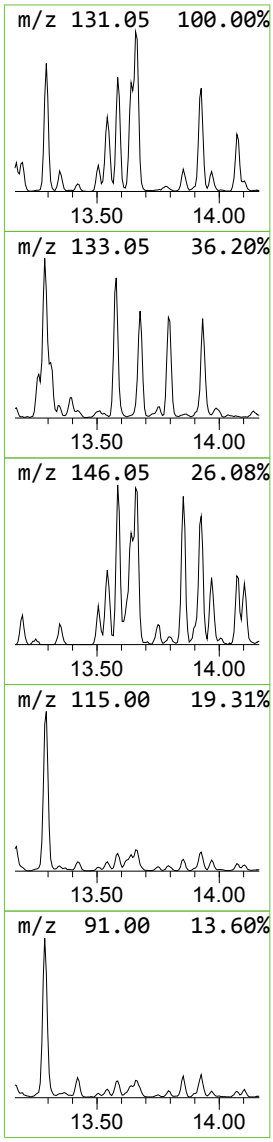
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.664 | 16.78 ug/l | 256902 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 87 |
| 2 | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14 | 097664-19-2 | 76 |
| 3 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 74 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 72 |
| 5 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

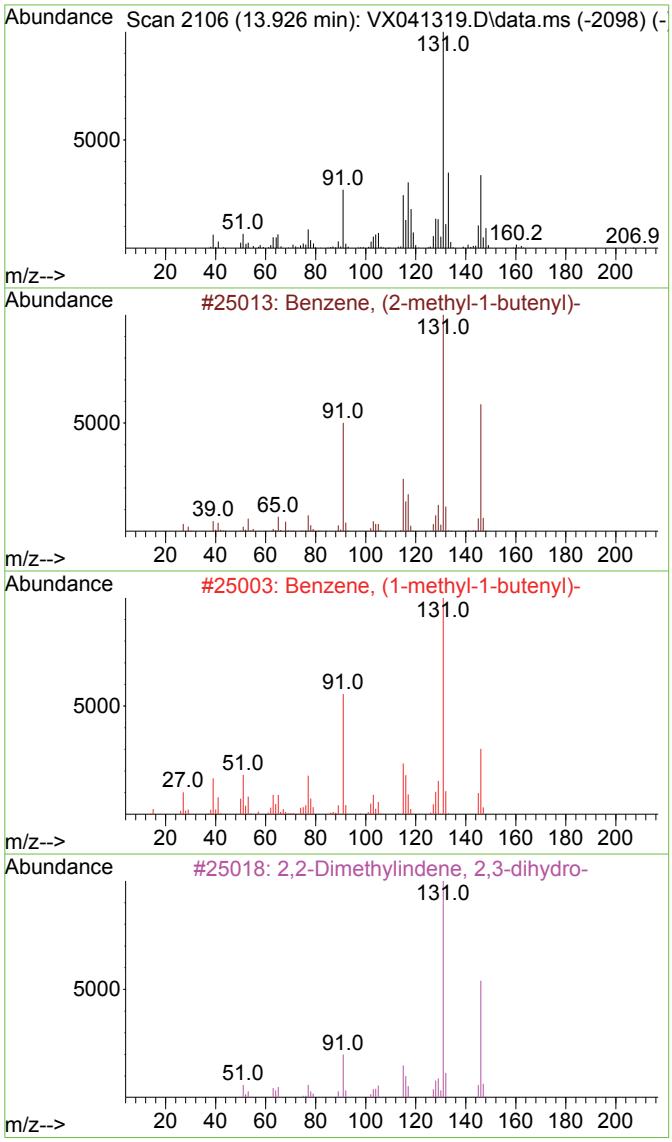
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

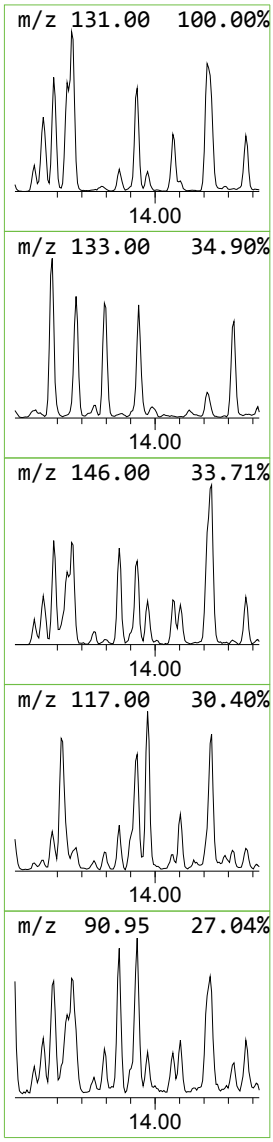
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.926 | 13.82 ug/l | 211549 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 94 |
| 2 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 93 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 86 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 81 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

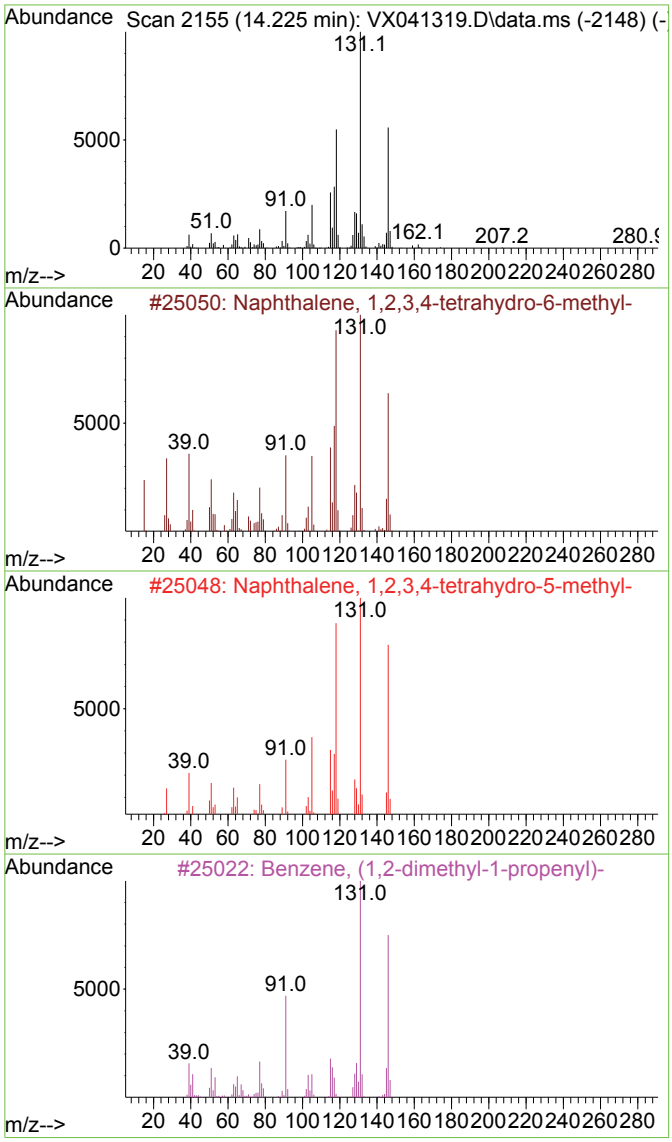
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

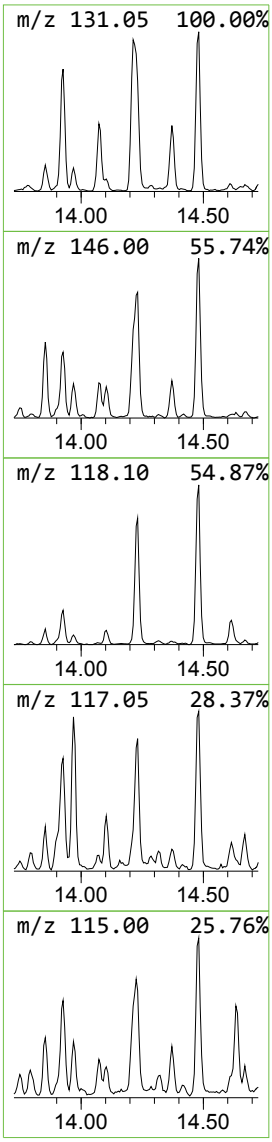
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.225 | 21.15 ug/l | 323788 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 93 |
| 3 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 76 |
| 4 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 64 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

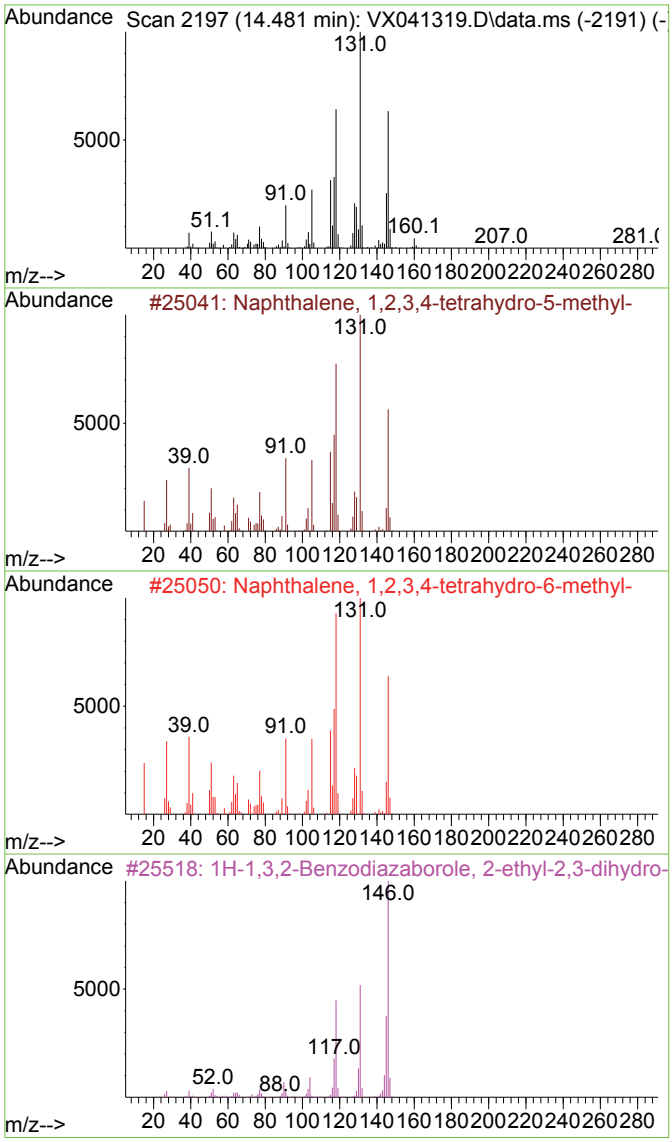
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

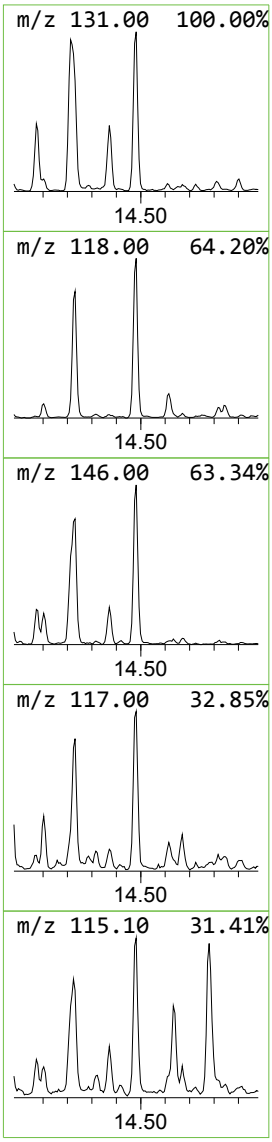
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.481 | 20.42 ug/l | 312565 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 95 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 95 |
| 3 | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3 | 89 |
| 4 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 86 |
| 5 | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14 | 1010189-31-0 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

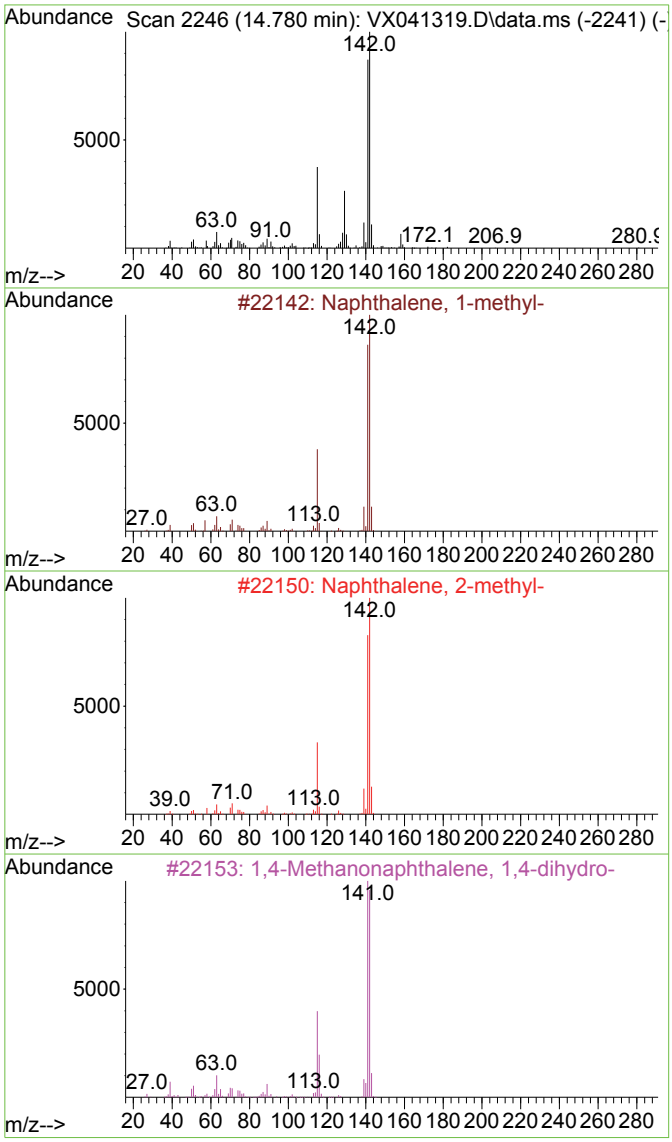
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

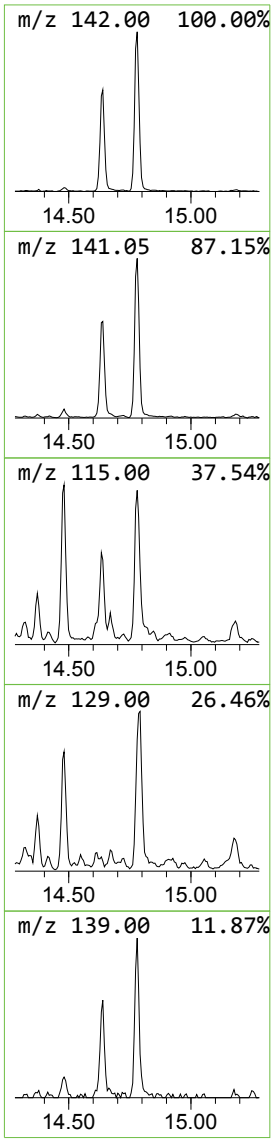
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.780 | 12.63 ug/l | 193301 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 90 |
| 4 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 81 |
| 5 | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10 | 002443-46-1 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

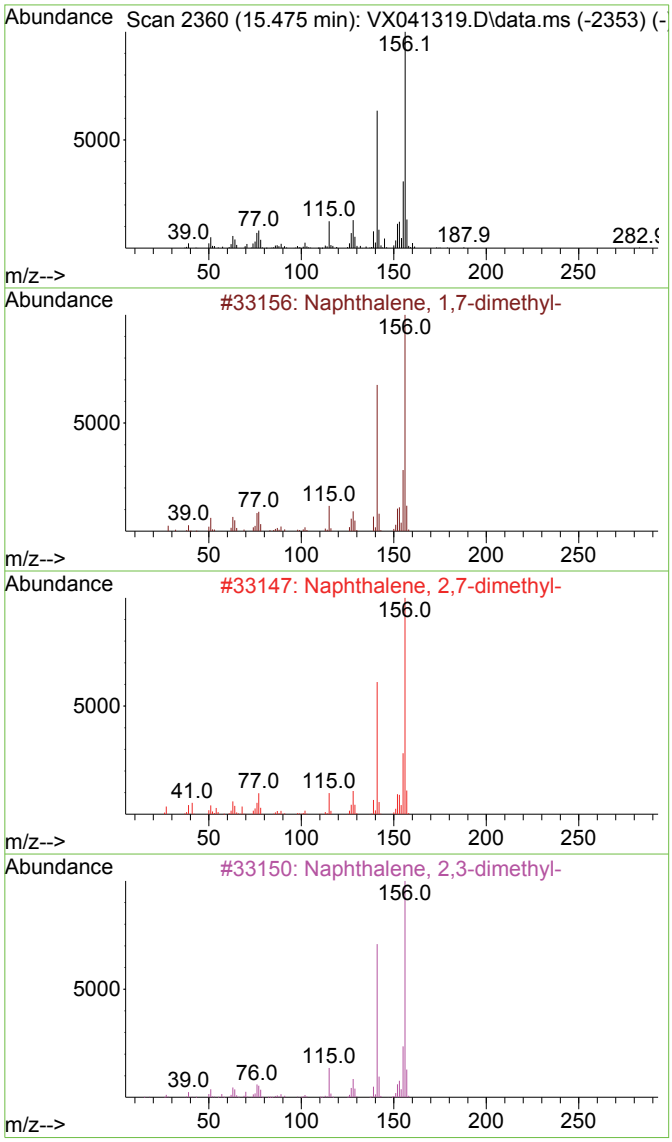
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

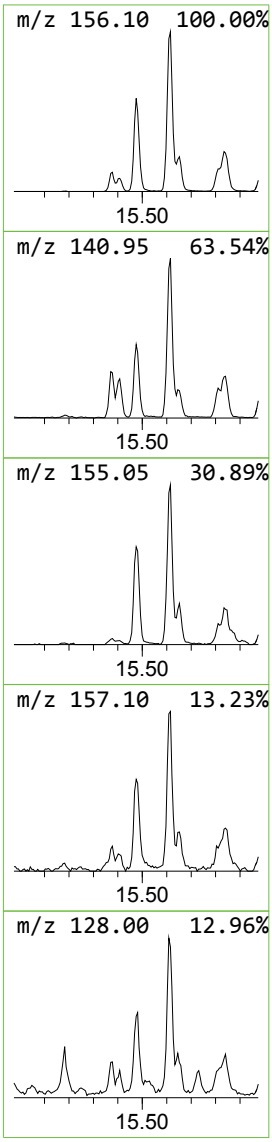
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.475 | 9.88 ug/l | 151231 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

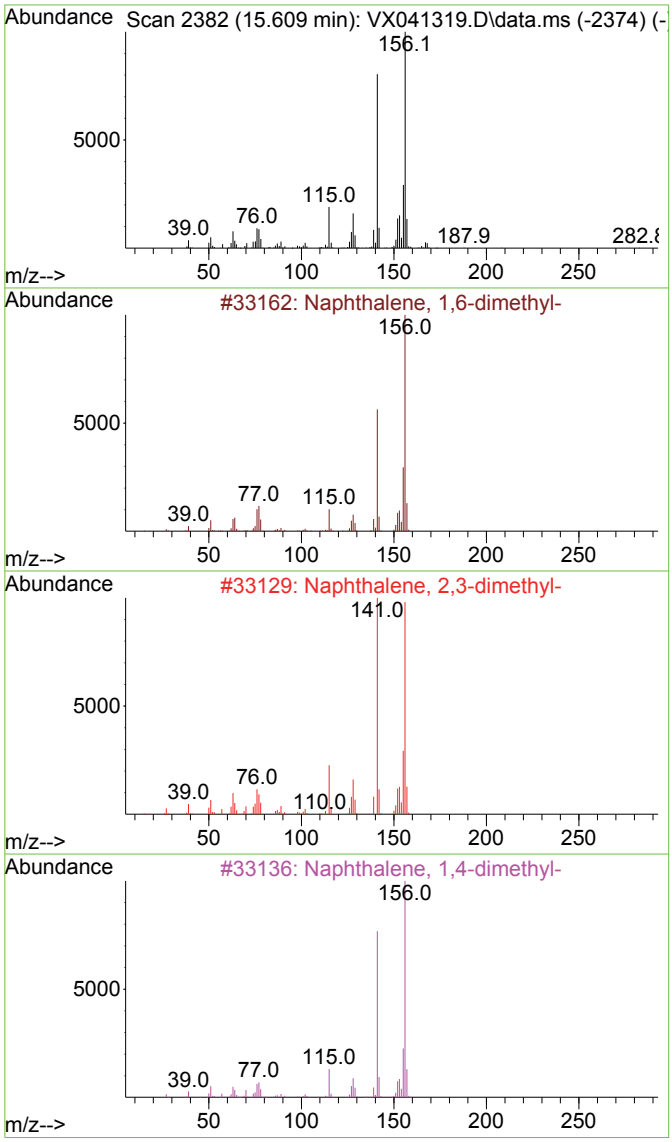
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

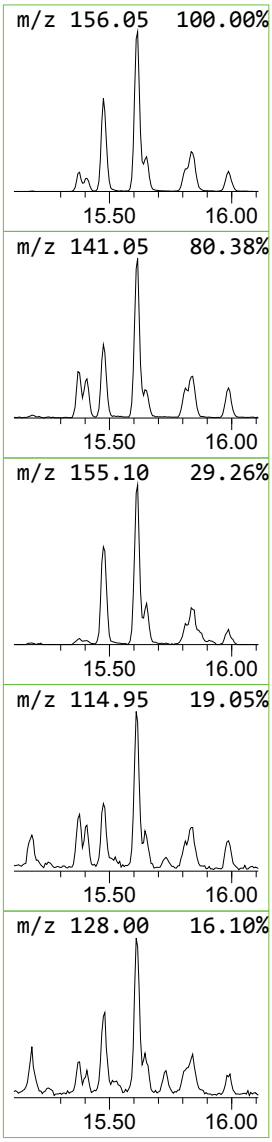
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.609 | 19.55 ug/l | 299203 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-13-8.0-042324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1-ethe... | 12.244 | 47.7 | ug/l | 730498 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, 4-ethy... | 12.609 | 28.5 | ug/l | 435707 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, (1-met... | 12.646 | 10.4 | ug/l | 159629 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, 1-meth... | 12.701 | 35.3 | ug/l | 539501 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 27.4 | ug/l | 419988 | 4 | 12.024 | 765333 | 50.0 |
| 3-Phenylbut-1-ene | 13.286 | 101.1 | ug/l | 1547440 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, (1,2-d... | 13.585 | 13.1 | ug/l | 201079 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, (2-met... | 13.640 | 10.3 | ug/l | 158265 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, 1-meth... | 13.664 | 16.8 | ug/l | 256902 | 4 | 12.024 | 765333 | 50.0 |
| Benzene, (1-met... | 13.926 | 13.8 | ug/l | 211549 | 4 | 12.024 | 765333 | 50.0 |
| Naphthalene, 1,... | 14.225 | 21.1 | ug/l | 323788 | 4 | 12.024 | 765333 | 50.0 |
| Naphthalene, 1,... | 14.481 | 20.4 | ug/l | 312565 | 4 | 12.024 | 765333 | 50.0 |
| Naphthalene, 1-... | 14.780 | 12.6 | ug/l | 193301 | 4 | 12.024 | 765333 | 50.0 |
| Naphthalene, 1,... | 15.475 | 9.9 | ug/l | 151231 | 4 | 12.024 | 765333 | 50.0 |
| Naphthalene, 1,... | 15.609 | 19.6 | ug/l | 299203 | 4 | 12.024 | 765333 | 50.0 |