LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

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: VX041309.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 | 321 | 333 | 349 | rVB3 | 37687 | 106546 | 1.94% | 0.278% |
| 2 | 5.385 | 692 | 705 | 712 | rBV2 | 94674 | 278256 | 5.07% | 0.725% |
| 3 | 5.464 | 712 | 718 | 724 | rVV | 53846 | 162733 | 2.96% | 0.424% |
| 4 | 5.550 | 724 | 732 | 760 | rVB2 | 169423 | 513502 | 9.35% | 1.338% |
| 5 | 5.952 | 788 | 798 | 811 | rBV | 95685 | 259070 | 4.72% | 0.675% |
| 6 | 6.757 | 921 | 930 | 941 | rBV | 245398 | 678948 | 12.37% | 1.770% |
| 7 | 7.165 | 989 | 997 | 1016 | rVB2 | 50842 | 122735 | 2.24% | 0.320% |
| 8 | 7.373 | 1020 | 1031 | 1045 | rBV2 | 90946 | 234810 | 4.28% | 0.612% |
| 9 | 8.141 | 1143 | 1157 | 1162 | rBV | 130291 | 240450 | 4.38% | 0.627% |
| 10 | 8.501 | 1209 | 1216 | 1228 | rVB | 102331 | 170126 | 3.10% | 0.443% |
| 11 | 8.647 | 1234 | 1240 | 1249 | rVB | 513869 | 797482 | 14.52% | 2.078% |
| 12 | 9.159 | 1319 | 1324 | 1333 | rVB | 58529 | 96364 | 1.75% | 0.251% |
| 13 | 10.055 | 1465 | 1471 | 1476 | rBV | 523540 | 719000 | 13.09% | 1.874% |
| 14 | 10.964 | 1614 | 1620 | 1628 | rBV | 670186 | 857194 | 15.61% | 2.234% |
| 15 | 11.079 | 1634 | 1639 | 1653 | rBV | 488792 | 641921 | 11.69% | 1.673% |
| 16 | 11.305 | 1670 | 1676 | 1683 | rBV | 1924645 | 2406470 | 43.83% | 6.272% |
| 17 | 11.610 | 1721 | 1726 | 1735 | rVB | 75078 | 106175 | 1.93% | 0.277% |
| 18 | 11.866 | 1762 | 1768 | 1769 | rBV | 98346 | 115953 | 2.11% | 0.302% |
| 19 | 11.890 | 1769 | 1772 | 1779 | rVB | 172720 | 215069 | 3.92% | 0.561% |
| 20 | 12.018 | 1788 | 1793 | 1801 | rBV | 595085 | 786316 | 14.32% | 2.049% |
| 21 | 12.177 | 1814 | 1819 | 1824 | rBV | 74903 | 88350 | 1.61% | 0.230% |
| 22 | 12.244 | 1824 | 1830 | 1837 | rBV | 4430588 | 5490835 | 100.00% | 14.311% |
| 23 | 12.311 | 1837 | 1841 | 1843 | rBV | 248602 | 325486 | 5.93% | 0.848% |
| 24 | 12.402 | 1851 | 1856 | 1862 | rBV | 226422 | 278205 | 5.07% | 0.725% |
| 25 | 12.610 | 1883 | 1890 | 1894 | rBV | 2311888 | 2844975 | 51.81% | 7.415% |
| 26 | 12.646 | 1894 | 1896 | 1900 | rVV | 551027 | 561493 | 10.23% | 1.463% |
| 27 | 12.701 | 1900 | 1905 | 1912 | rVV2 | 1648922 | 2342859 | 42.67% | 6.106% |
| 28 | 12.841 | 1922 | 1928 | 1933 | rVB | 94942 | 135712 | 2.47% | 0.354% |
| 29 | 12.920 | 1933 | 1941 | 1946 | rBV | 1446601 | 1692658 | 30.83% | 4.412% |
| 30 | 13.024 | 1953 | 1958 | 1964 | rVB3 | 95153 | 137861 | 2.51% | 0.359% |
| 31 | 13.097 | 1965 | 1970 | 1973 | rBV | 42935 | 69901 | 1.27% | 0.182% |
| 32 | 13.134 | 1973 | 1976 | 1978 | rVV2 | 105661 | 136303 | 2.48% | 0.355% |
| 33 | 13.170 | 1978 | 1982 | 1992 | rVB | 1178633 | 1528864 | 27.84% | 3.985% |
| 34 | 13.292 | 1992 | 2002 | 2008 | rBV2 | 3336859 | 4744377 | 86.41% | 12.365% |
| 35 | 13.341 | 2008 | 2010 | 2013 | rVV2 | 72063 | 108289 | 1.97% | 0.282% |
| 36 | 13.372 | 2013 | 2015 | 2019 | rVV | 78147 | 87566 | 1.59% | 0.228% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
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Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

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 | 13.420 | 2019 | 2023 | 2029 | rVB | 159038 | 214625 | 3.91% | 0.559% |
| 38 | 13.506 | 2029 | 2037 | 2039 | rBV2 | 119672 | 162814 | 2.97% | 0.424% |
| 39 | 13.542 | 2039 | 2043 | 2046 | rVV | 264705 | 354245 | 6.45% | 0.923% |
| 40 | 13.579 | 2046 | 2049 | 2054 | rVV3 | 333386 | 509561 | 9.28% | 1.328% |
| 41 | 13.640 | 2054 | 2059 | 2060 | rVV2 | 199164 | 280886 | 5.12% | 0.732% |
| 42 | 13.664 | 2060 | 2063 | 2071 | rVB2 | 320759 | 552583 | 10.06% | 1.440% |
| 43 | 13.792 | 2080 | 2084 | 2089 | rVB | 87101 | 113570 | 2.07% | 0.296% |
| 44 | 13.853 | 2089 | 2094 | 2098 | rVB | 138906 | 167954 | 3.06% | 0.438% |
| 45 | 13.926 | 2098 | 2106 | 2110 | rBV2 | 268615 | 398232 | 7.25% | 1.038% |
| 46 | 13.969 | 2110 | 2113 | 2117 | rVB | 142511 | 163472 | 2.98% | 0.426% |
| 47 | 14.073 | 2125 | 2130 | 2133 | rBV | 232200 | 292983 | 5.34% | 0.764% |
| 48 | 14.103 | 2133 | 2135 | 2139 | rVB | 54239 | 57021 | 1.04% | 0.149% |
| 49 | 14.225 | 2148 | 2155 | 2163 | rBV2 | 413609 | 790483 | 14.40% | 2.060% |
| 50 | 14.317 | 2166 | 2170 | 2175 | rVV | 125619 | 174221 | 3.17% | 0.454% |
| 51 | 14.371 | 2175 | 2179 | 2184 | rVV3 | 232016 | 354610 | 6.46% | 0.924% |
| 52 | 14.481 | 2192 | 2197 | 2202 | rBV2 | 347703 | 468709 | 8.54% | 1.222% |
| 53 | 14.609 | 2210 | 2218 | 2225 | rBV4 | 63345 | 187796 | 3.42% | 0.489% |
| 54 | 14.670 | 2225 | 2228 | 2233 | rVB | 59152 | 79918 | 1.46% | 0.208% |
| 55 | 14.786 | 2242 | 2247 | 2250 | rBV2 | 77603 | 127718 | 2.33% | 0.333% |
| 56 | 15.182 | 2306 | 2312 | 2319 | rBV | 65046 | 108855 | 1.98% | 0.284% |
| 57 | 15.371 | 2336 | 2343 | 2346 | rBV | 113704 | 177087 | 3.23% | 0.462% |
| 58 | 15.408 | 2346 | 2349 | 2353 | rVB | 79800 | 107860 | 1.96% | 0.281% |
| 59 | 15.475 | 2353 | 2360 | 2365 | rBV | 386742 | 595956 | 10.85% | 1.553% |
| 60 | 15.609 | 2374 | 2382 | 2387 | rBV | 604557 | 981354 | 17.87% | 2.558% |
| 61 | 15.731 | 2396 | 2402 | 2409 | rBV3 | 28115 | 55086 | 1.00% | 0.144% |
| 62 | 15.835 | 2409 | 2419 | 2437 | rVB | 172502 | 458080 | 8.34% | 1.194% |
| 63 | 15.987 | 2437 | 2444 | 2455 | rVB | 89594 | 157179 | 2.86% | 0.410% |
| 64 | 16.328 | 2491 | 2500 | 2508 | rBV3 | 20145 | 67342 | 1.23% | 0.176% |
| 65 | 16.597 | 2529 | 2544 | 2549 | rBV3 | 24052 | 69370 | 1.26% | 0.181% |
| 66 | 16.658 | 2549 | 2554 | 2564 | rVB2 | 21138 | 56145 | 1.02% | 0.146% |

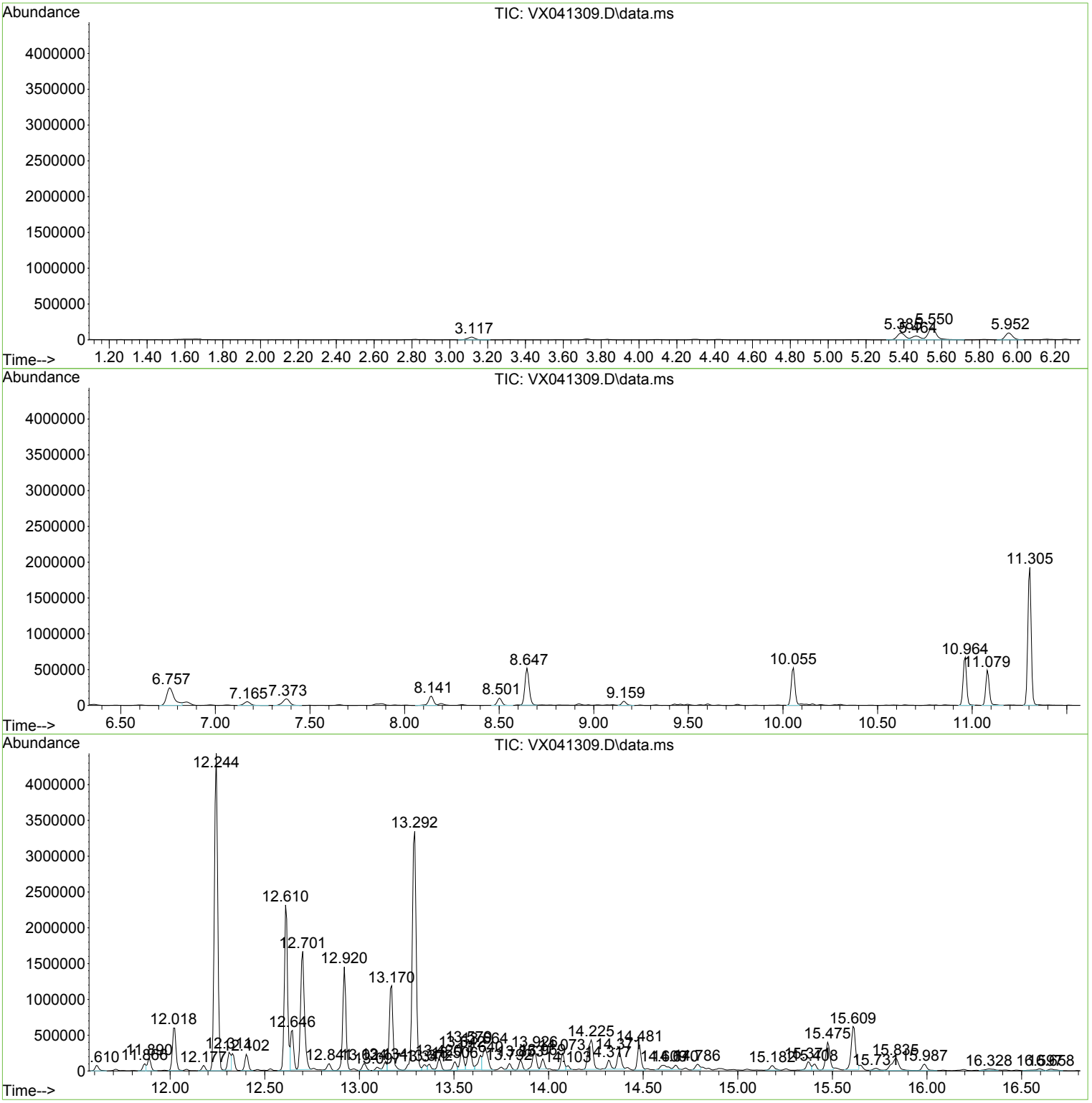
Sum of corrected areas: 38368569

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

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\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

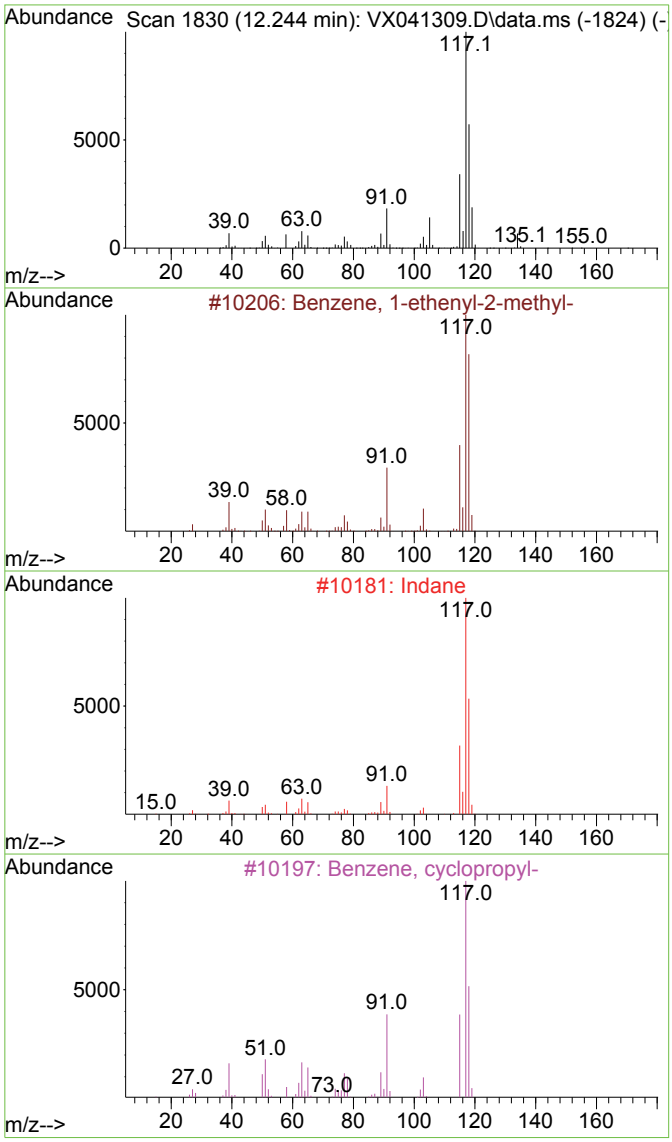
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

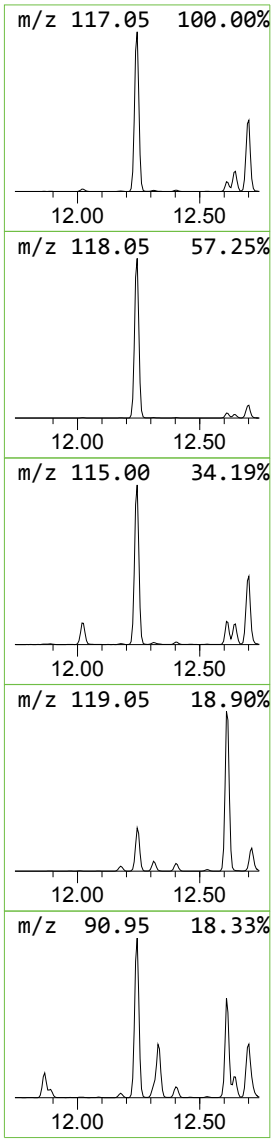
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 349.15 ug/l | 5490840 | 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 | 87 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |
| 5 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 58 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

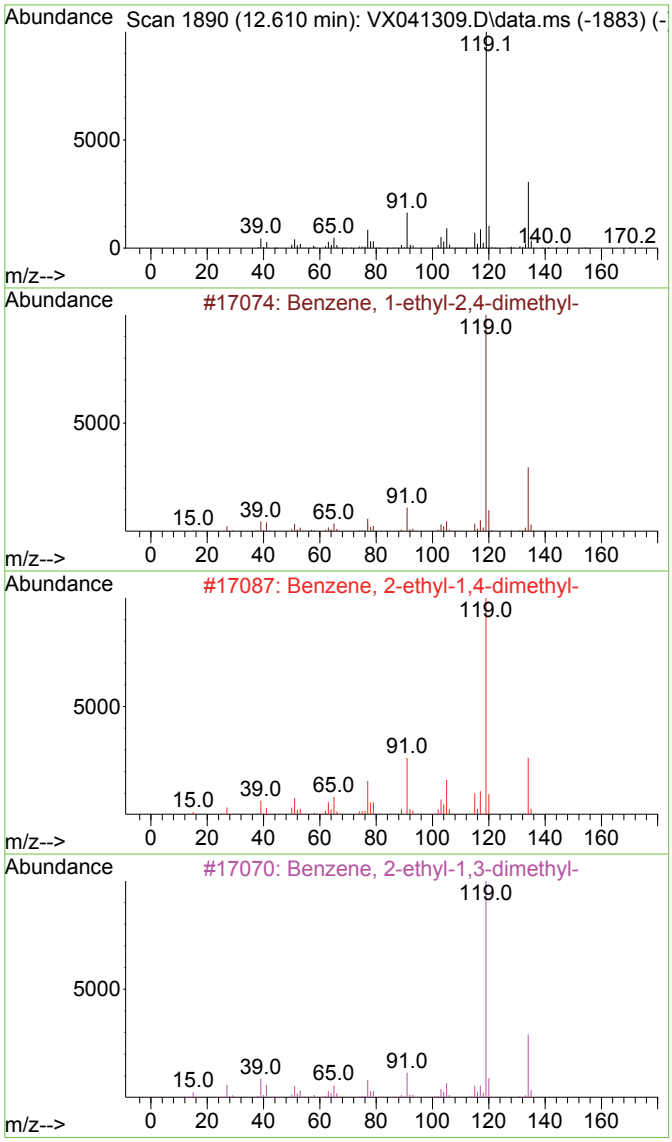
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

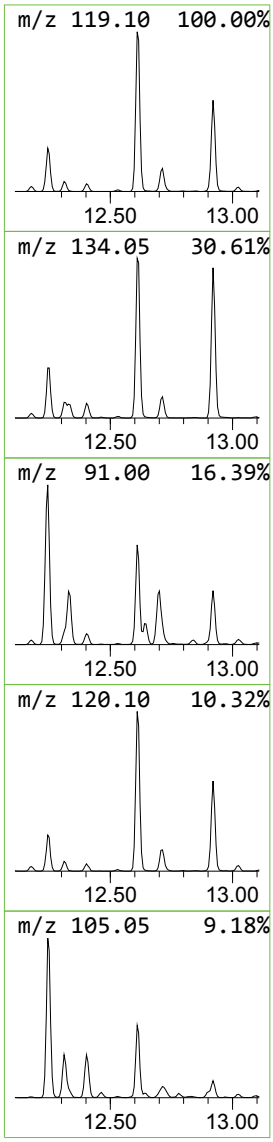
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.610 | 180.91 ug/l | 2844980 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 97 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 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 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

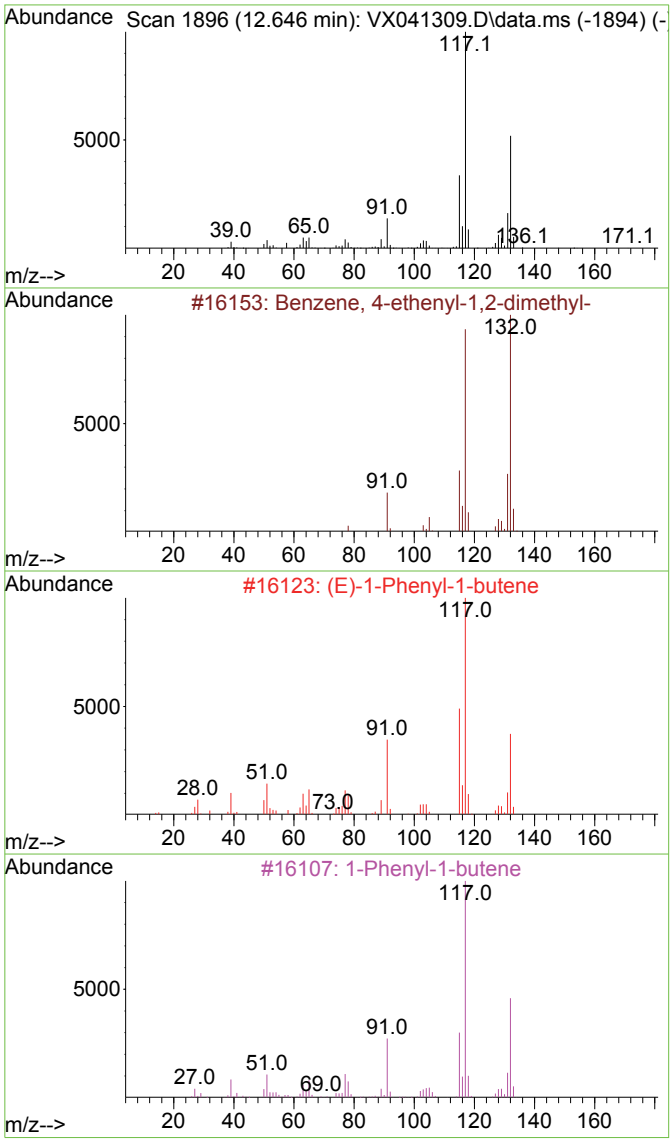
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

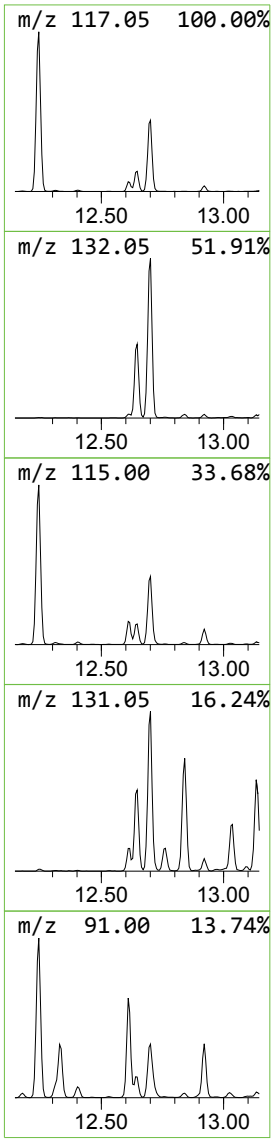
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.646 | 35.70 ug/l | 561493 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12 | 027831-13-6 | 95 |
| 2 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 95 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 94 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 93 |
| 5 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

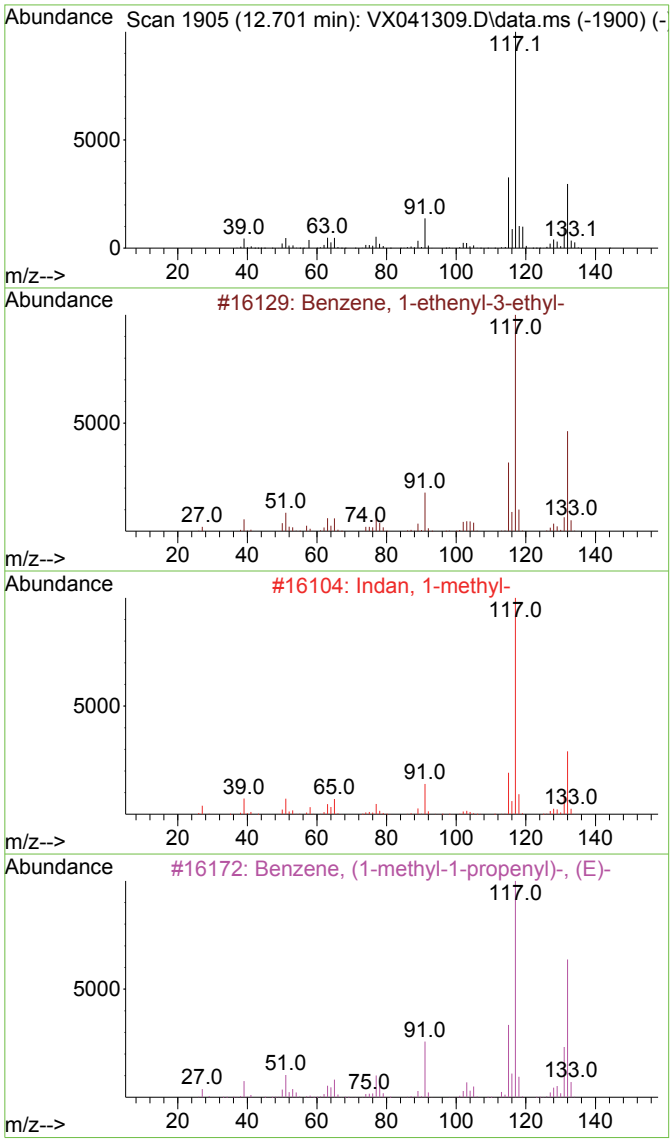
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

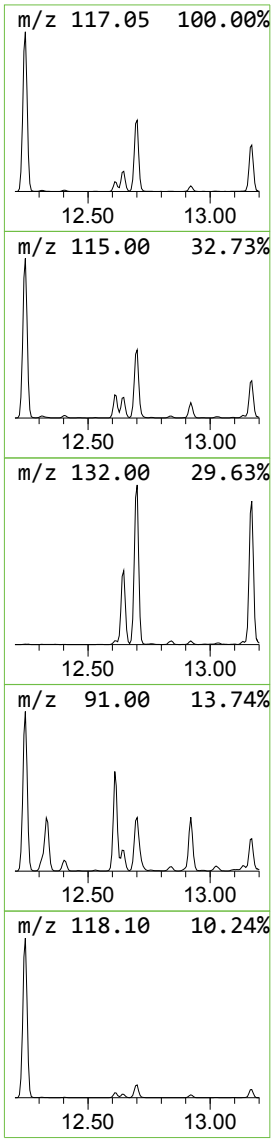
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 148.98 ug/l | 2342860 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 90 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 87 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 83 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 83 |
| 5 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

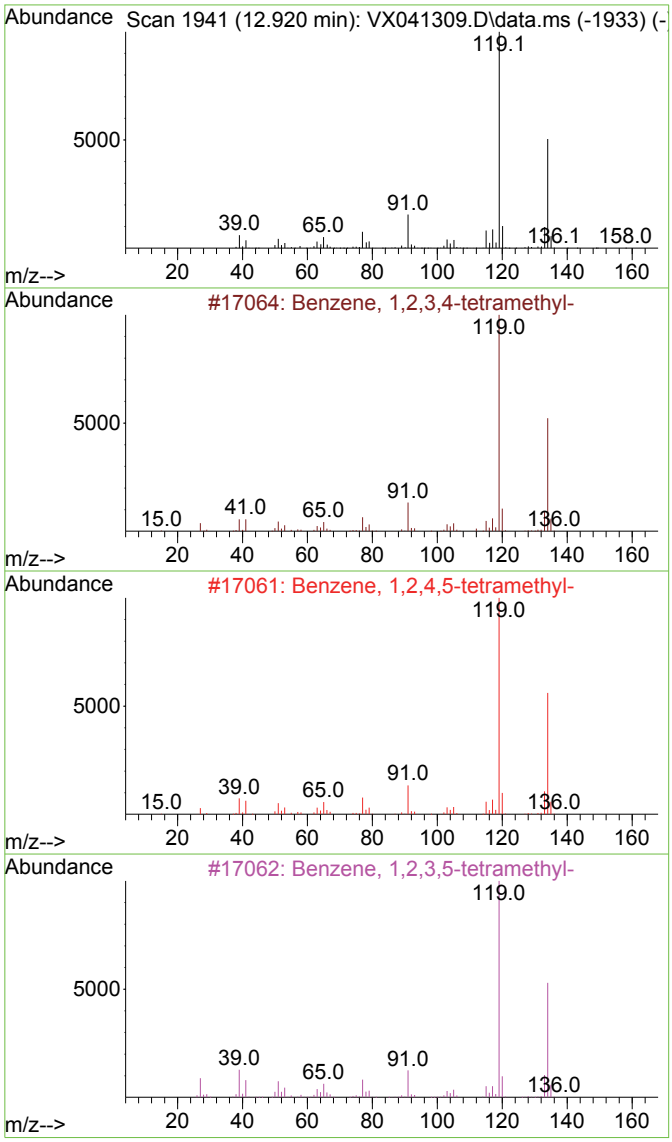
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

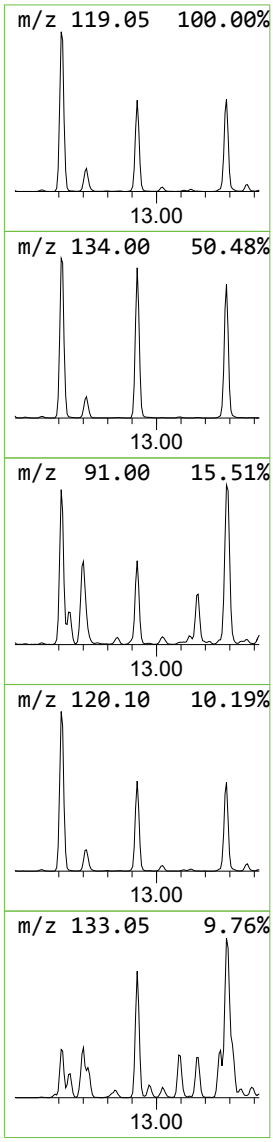
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.921 | 107.63 ug/l | 1692660 | 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 | 96 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

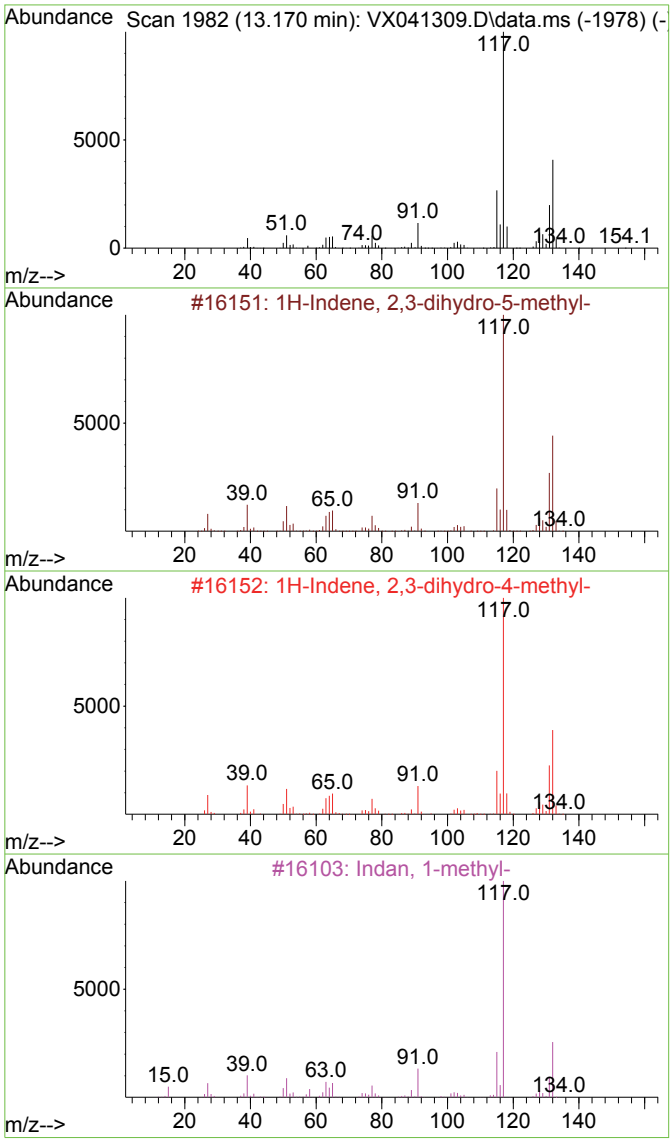
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

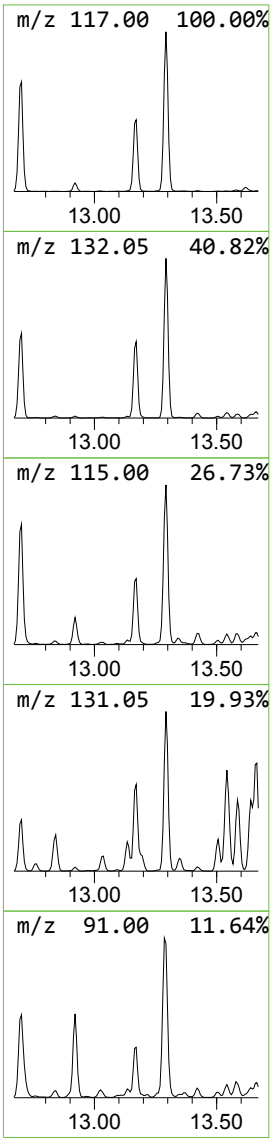
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.170 | 97.22 ug/l | 1528860 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 93 |
| 2 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 87 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

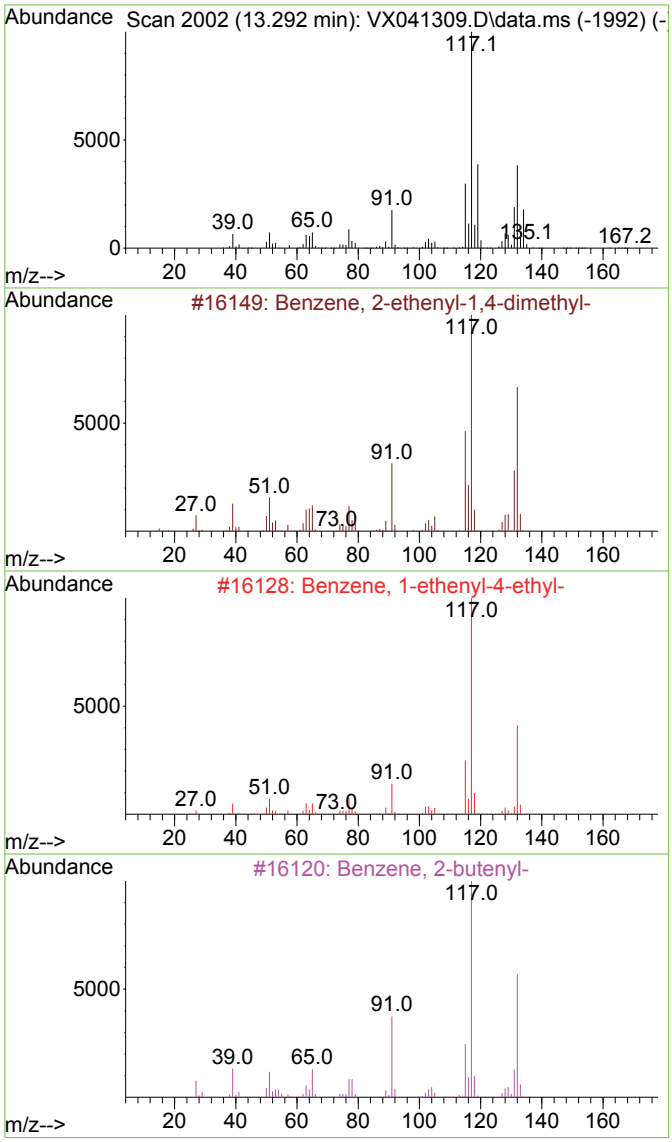
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

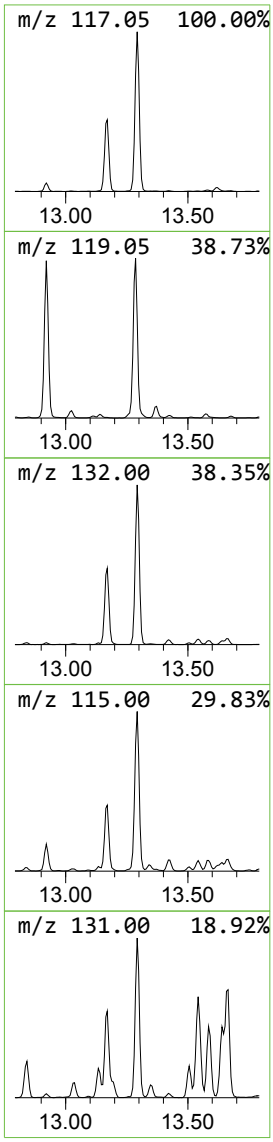
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 301.68 ug/l | 4744380 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 2 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 93 |
| 3 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 76 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 76 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

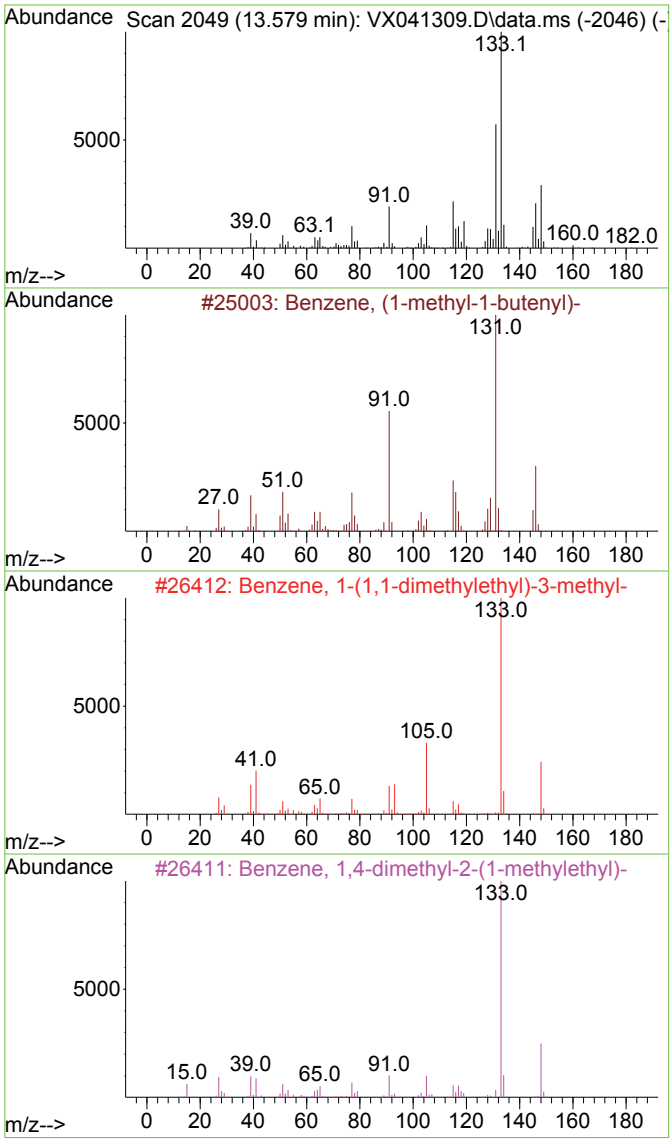
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

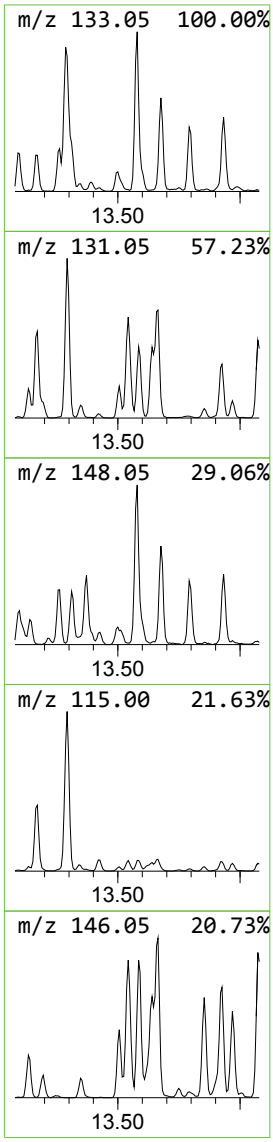
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (1-methyl-1-butenyl)- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.579 | 32.40 ug/l | 509561 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 84 |
| 2 | Benzene, 1-(1,1-dimethylethyl)-3... | 148 | C11H16 | 001075-38-3 | 49 |
| 3 | Benzene, 1,4-dimethyl-2-(1-methy... | 148 | C11H16 | 004132-72-3 | 49 |
| 4 | 4-tert-Butyltoluene | 148 | C11H16 | 000098-51-1 | 49 |
| 5 | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16 | 134329-46-7 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

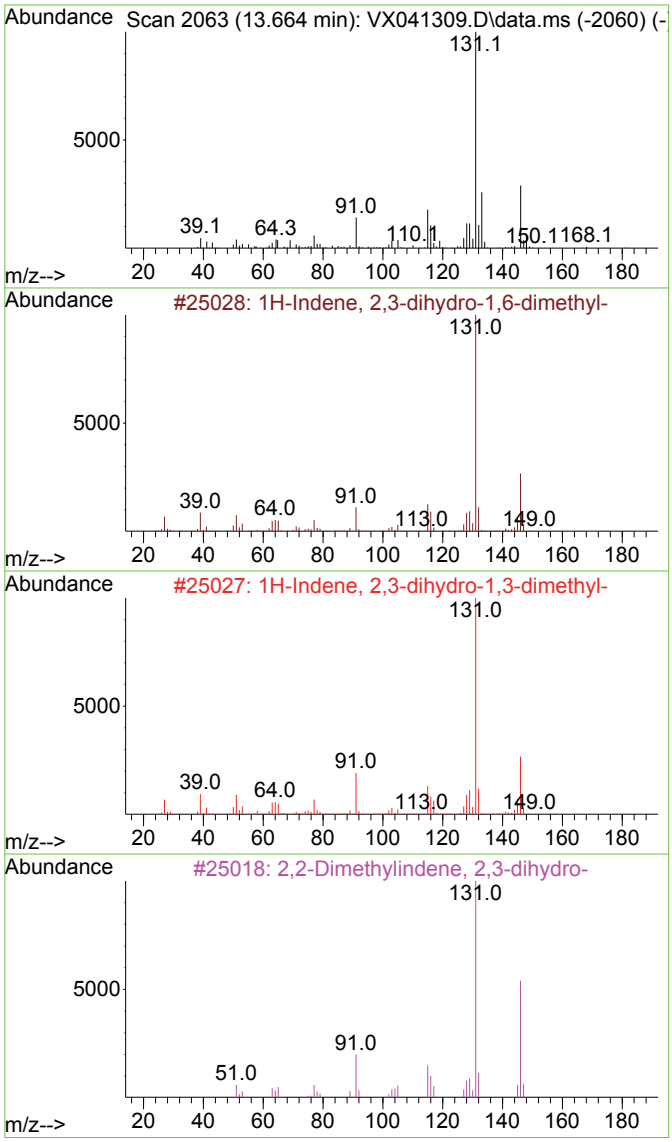
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

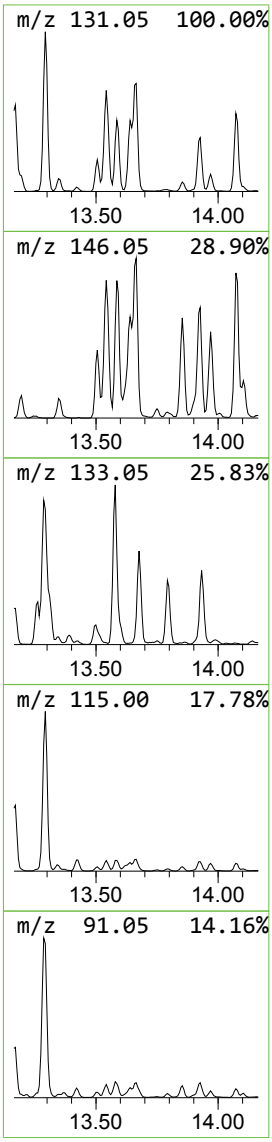
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.664 | 35.14 ug/l | 552583 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 91 |
| 2 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 87 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 87 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

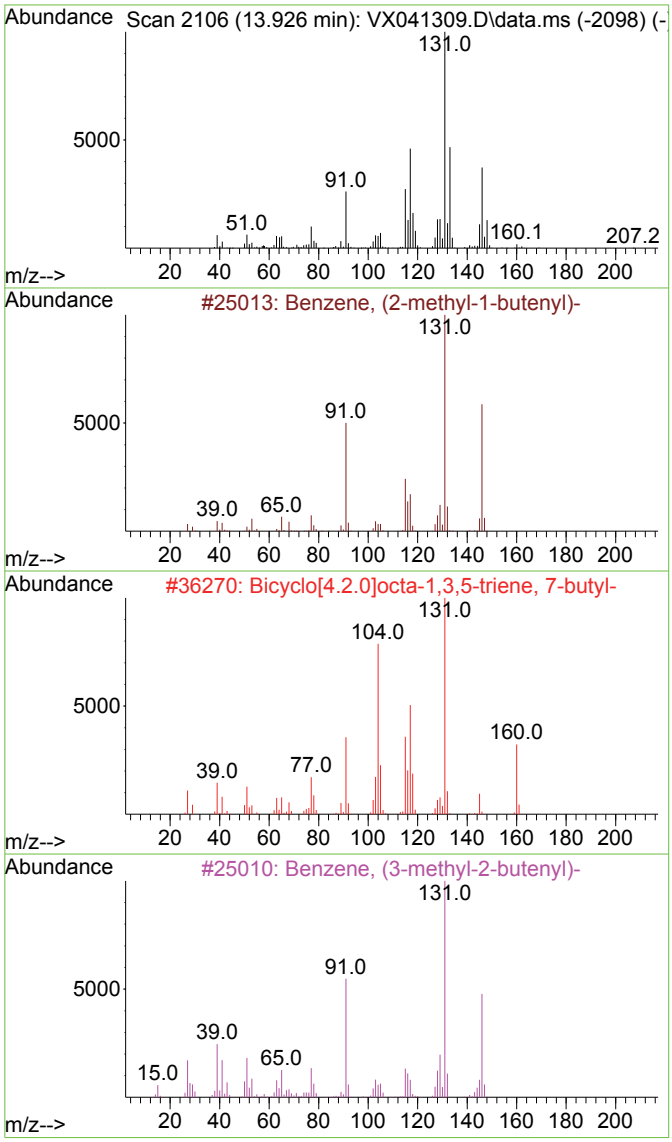
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

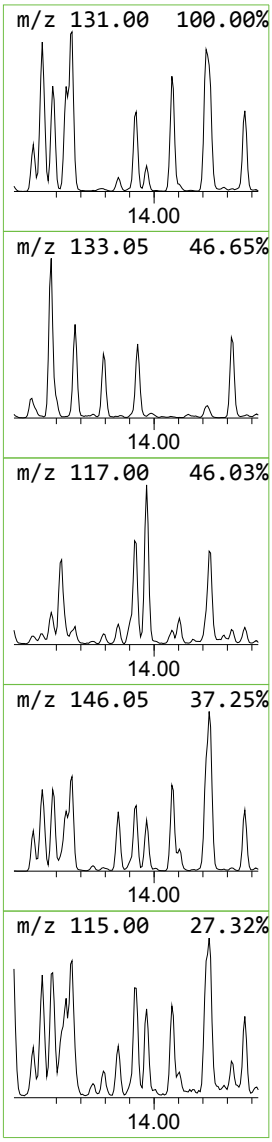
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.926 | 25.32 ug/l | 398232 | 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 | 91 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 160 | C12H16 | 078920-29-3 | 91 |
| 3 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 78 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 60 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 60 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

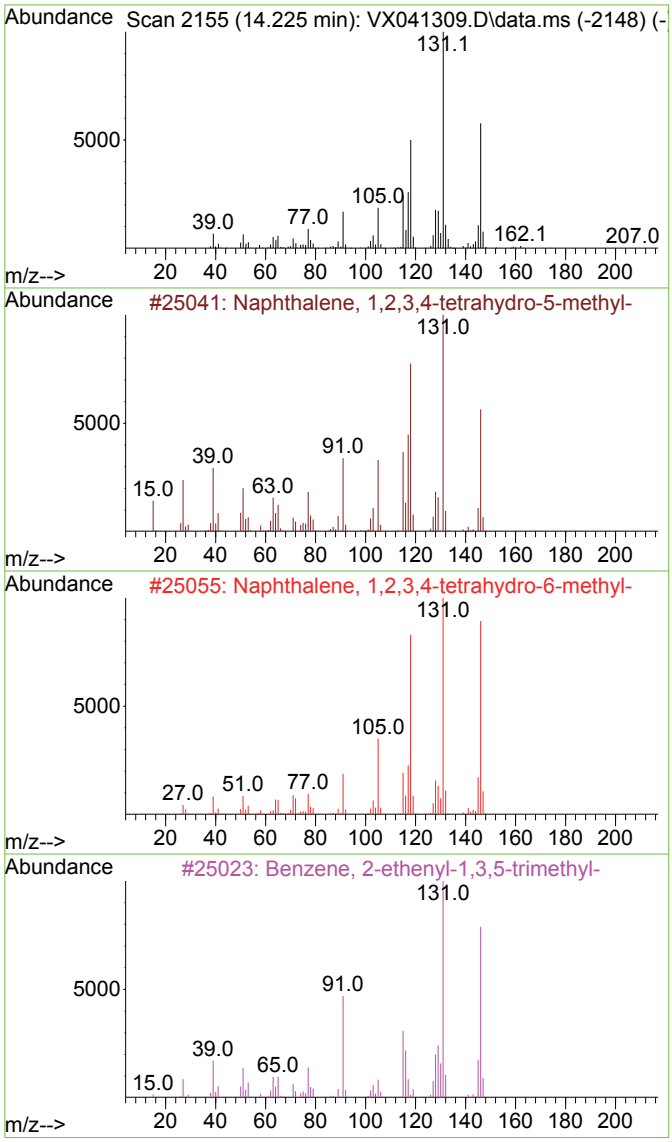
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

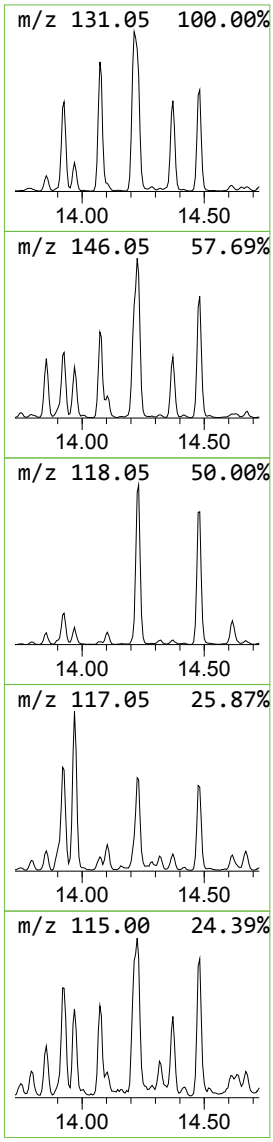
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.225 | 50.27 ug/l | 790483 | 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 | 97 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 92 |
| 3 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 78 |
| 4 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 76 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

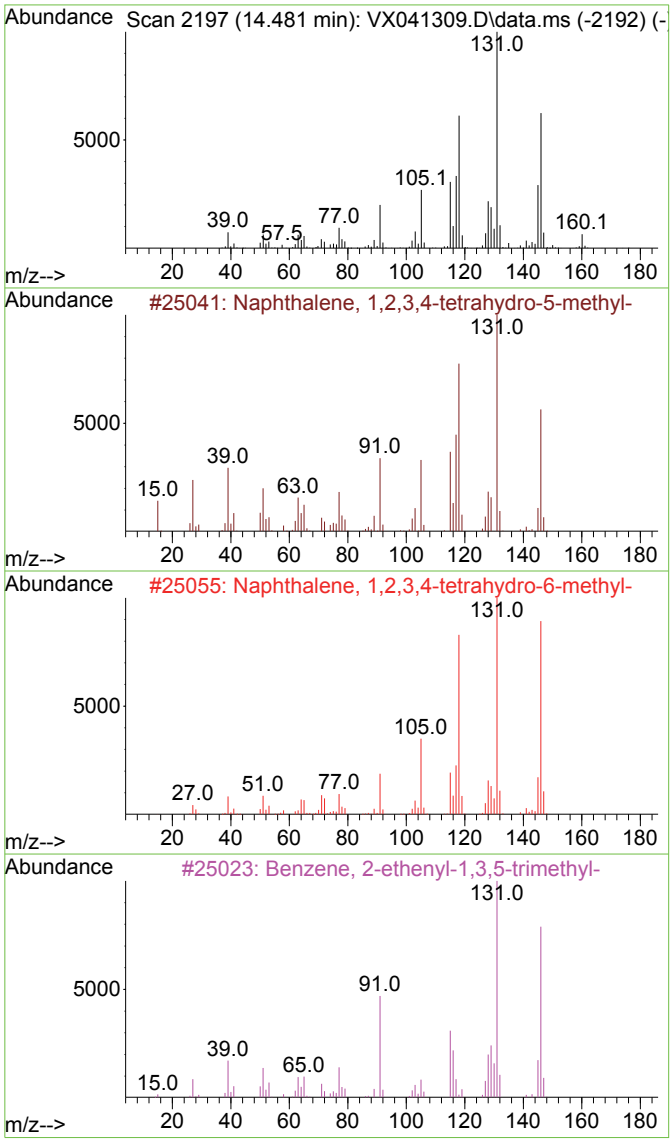
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

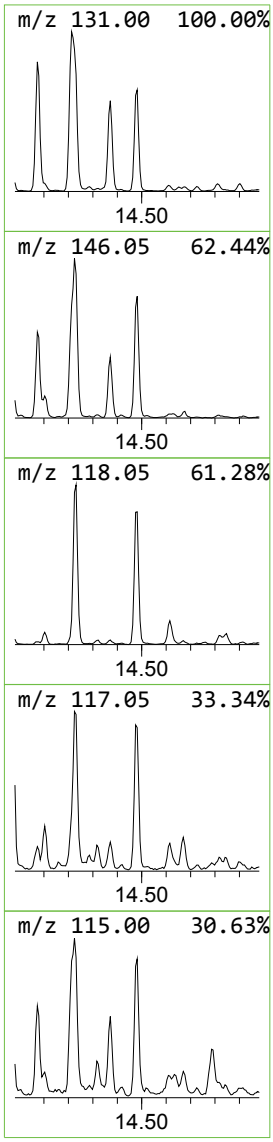
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.481 | 29.80 ug/l | 468709 | 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 | 94 |
| 3 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 86 |
| 4 | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3 | 83 |
| 5 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

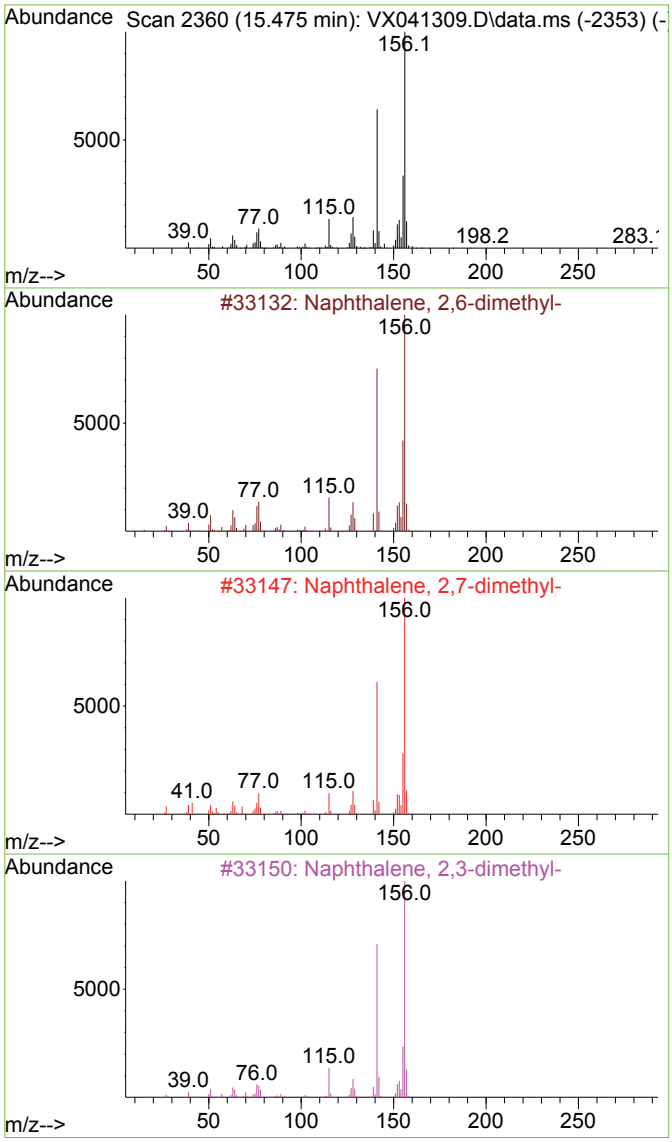
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

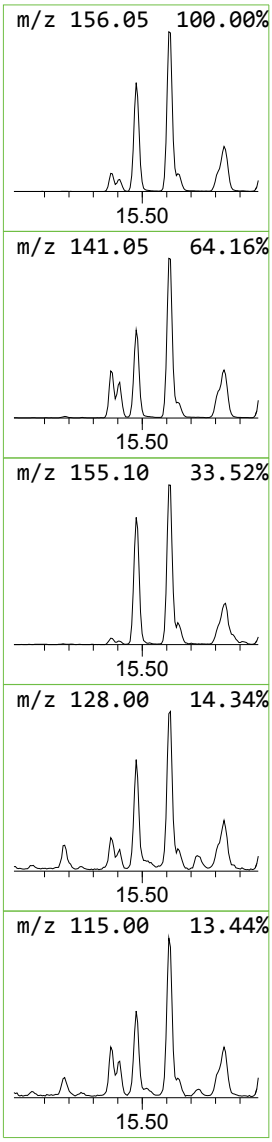
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.475 | 37.90 ug/l | 595956 | 1,4-Dichlorobenzene-d4 | 12.024 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

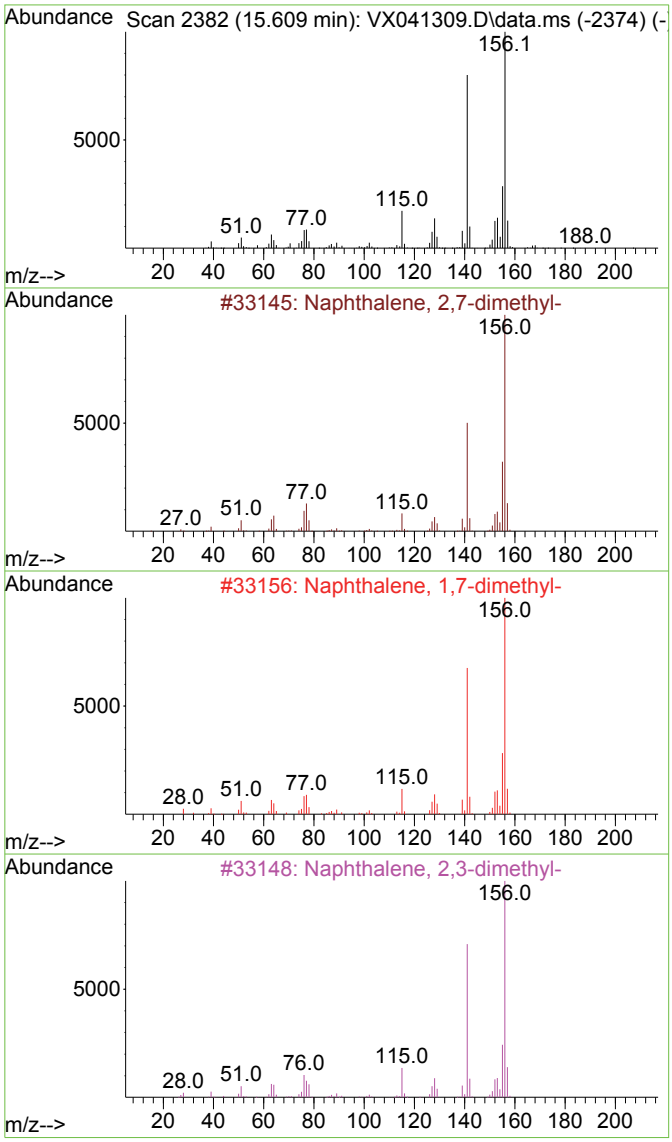
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

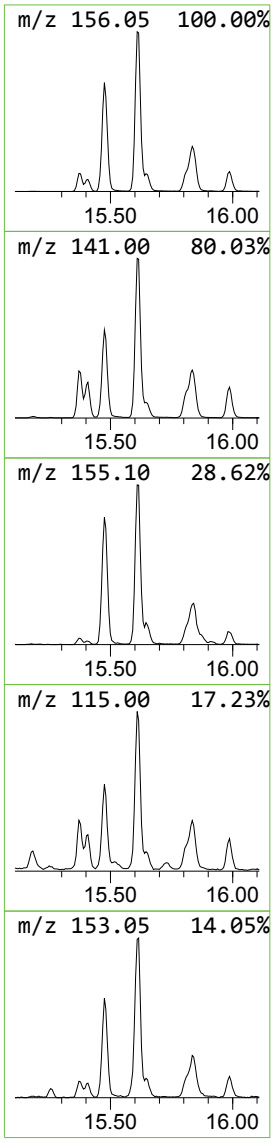
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.609 | 62.40 ug/l | 981354 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

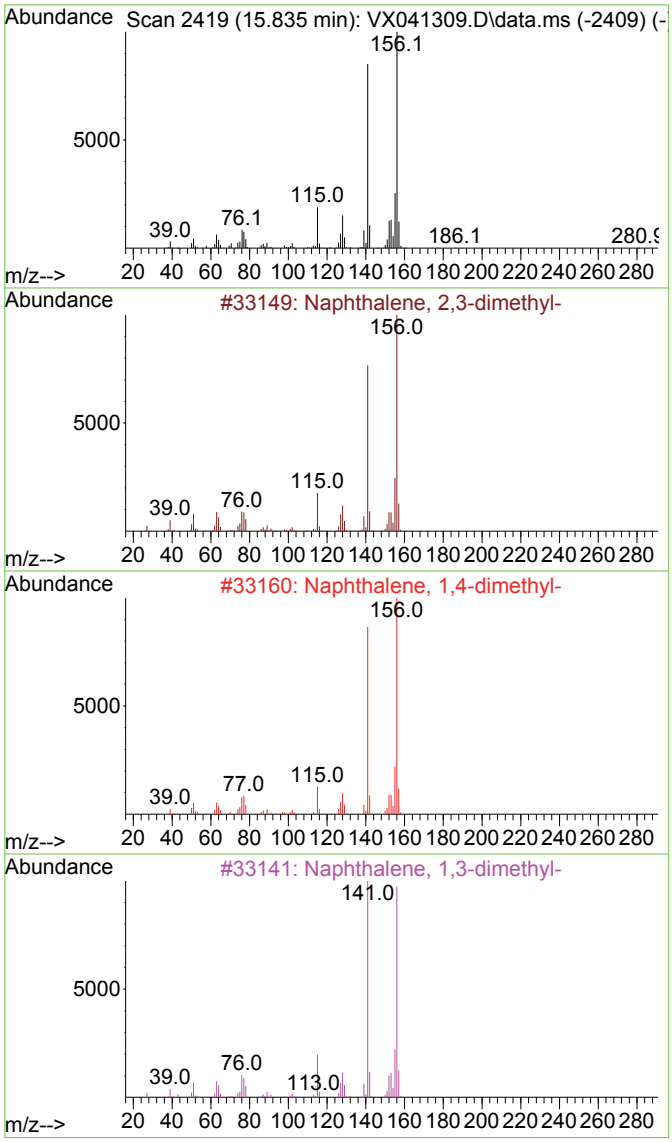
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

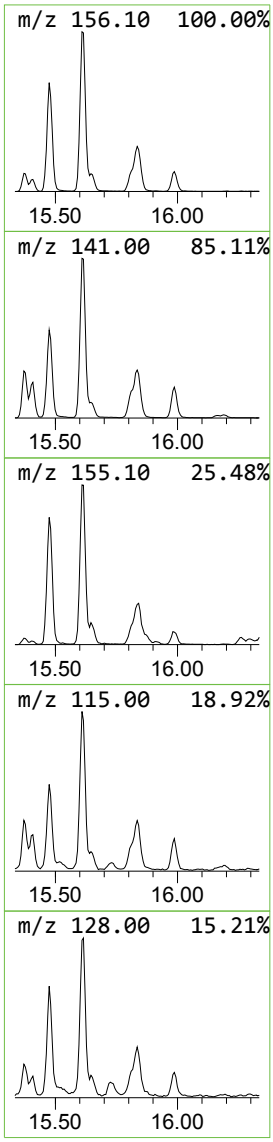
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.835 | 29.13 ug/l | 458080 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |
| 5 | Naphthalene, 1,8-dimethyl- | 156 | C12H12 | 000569-41-5 | 95 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
Data File : VX041309.D
Acq On : 30 Apr 2024 18:58
Operator : JC/MD
Sample : P2264-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T11-MW-5-9.0-042324

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 | 349.1 | ug/l | 5490840 | 4 | 12.024 | 786316 | 50.0 |
| Benzene, 1-ethy... | 12.610 | 180.9 | ug/l | 2844980 | 4 | 12.024 | 786316 | 50.0 |
| Benzene, 4-ethe... | 12.646 | 35.7 | ug/l | 561493 | 4 | 12.024 | 786316 | 50.0 |
| Benzene, 1-ethe... | 12.701 | 149.0 | ug/l | 2342860 | 4 | 12.024 | 786316 | 50.0 |
| Benzene, 1,2,3,... | 12.921 | 107.6 | ug/l | 1692660 | 4 | 12.024 | 786316 | 50.0 |
| 1H-Indene, 2,3-... | 13.170 | 97.2 | ug/l | 1528860 | 4 | 12.024 | 786316 | 50.0 |
| Benzene, 2-ethe... | 13.292 | 301.7 | ug/l | 4744380 | 4 | 12.024 | 786316 | 50.0 |
| Benzene, (1-met... | 13.579 | 32.4 | ug/l | 509561 | 4 | 12.024 | 786316 | 50.0 |
| 1H-Indene, 2,3-... | 13.664 | 35.1 | ug/l | 552583 | 4 | 12.024 | 786316 | 50.0 |
| Benzene, (2-met... | 13.926 | 25.3 | ug/l | 398232 | 4 | 12.024 | 786316 | 50.0 |
| Naphthalene, 1,... | 14.225 | 50.3 | ug/l | 790483 | 4 | 12.024 | 786316 | 50.0 |
| Naphthalene, 1,... | 14.481 | 29.8 | ug/l | 468709 | 4 | 12.024 | 786316 | 50.0 |
| Naphthalene, 2,... | 15.475 | 37.9 | ug/l | 595956 | 4 | 12.024 | 786316 | 50.0 |
| Naphthalene, 2,... | 15.609 | 62.4 | ug/l | 981354 | 4 | 12.024 | 786316 | 50.0 |
| Naphthalene, 2,... | 15.835 | 29.1 | ug/l | 458080 | 4 | 12.024 | 786316 | 50.0 |