LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

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: VX041323.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.093 | 321 | 329 | 340 | rVB | 21282 | 47111 | 1.12% | 0.153% |
| 2 | 4.294 | 517 | 526 | 539 | rVB | 87383 | 248096 | 5.89% | 0.808% |
| 3 | 5.385 | 692 | 705 | 712 | rBV2 | 86690 | 260650 | 6.19% | 0.849% |
| 4 | 5.471 | 712 | 719 | 724 | rVV4 | 41568 | 124889 | 2.97% | 0.407% |
| 5 | 5.550 | 725 | 732 | 740 | rVB | 132563 | 346876 | 8.24% | 1.130% |
| 6 | 5.818 | 765 | 776 | 789 | rBV4 | 38622 | 123006 | 2.92% | 0.401% |
| 7 | 5.952 | 790 | 798 | 810 | rBV2 | 87290 | 231213 | 5.49% | 0.753% |
| 8 | 6.153 | 817 | 831 | 840 | rBV4 | 35962 | 127452 | 3.03% | 0.415% |
| 9 | 6.251 | 840 | 847 | 856 | rVV3 | 44207 | 129668 | 3.08% | 0.422% |
| 10 | 6.348 | 856 | 863 | 876 | rVB3 | 38810 | 114824 | 2.73% | 0.374% |
| 11 | 6.757 | 922 | 930 | 939 | rBV2 | 206448 | 580216 | 13.79% | 1.889% |
| 12 | 7.165 | 988 | 997 | 1006 | rBV | 51389 | 121632 | 2.89% | 0.396% |
| 13 | 7.373 | 1018 | 1031 | 1044 | rBV3 | 235186 | 620803 | 14.75% | 2.022% |
| 14 | 7.653 | 1070 | 1077 | 1089 | rVB | 54387 | 107489 | 2.55% | 0.350% |
| 15 | 7.879 | 1111 | 1114 | 1121 | rVV4 | 27619 | 55076 | 1.31% | 0.179% |
| 16 | 7.982 | 1121 | 1131 | 1143 | rVB6 | 25068 | 88988 | 2.11% | 0.290% |
| 17 | 8.104 | 1143 | 1151 | 1153 | rBV3 | 54521 | 104798 | 2.49% | 0.341% |
| 18 | 8.141 | 1153 | 1157 | 1162 | rVV | 138829 | 240297 | 5.71% | 0.782% |
| 19 | 8.190 | 1162 | 1165 | 1174 | rVB3 | 18749 | 45895 | 1.09% | 0.149% |
| 20 | 8.305 | 1181 | 1184 | 1191 | rVB3 | 24276 | 47339 | 1.12% | 0.154% |
| 21 | 8.501 | 1211 | 1216 | 1226 | rVB2 | 84018 | 157803 | 3.75% | 0.514% |
| 22 | 8.598 | 1226 | 1232 | 1235 | rBV2 | 45868 | 83728 | 1.99% | 0.273% |
| 23 | 8.647 | 1235 | 1240 | 1250 | rVB | 419042 | 674945 | 16.04% | 2.198% |
| 24 | 8.921 | 1278 | 1285 | 1290 | rBV | 47392 | 80931 | 1.92% | 0.264% |
| 25 | 9.098 | 1306 | 1314 | 1319 | rBV2 | 51225 | 97230 | 2.31% | 0.317% |
| 26 | 9.159 | 1319 | 1324 | 1335 | rVB | 117992 | 196501 | 4.67% | 0.640% |
| 27 | 9.500 | 1376 | 1380 | 1386 | rVB4 | 37302 | 74834 | 1.78% | 0.244% |
| 28 | 9.604 | 1393 | 1397 | 1402 | rVV2 | 35969 | 55859 | 1.33% | 0.182% |
| 29 | 9.762 | 1416 | 1423 | 1429 | rBV3 | 32777 | 58991 | 1.40% | 0.192% |
| 30 | 10.055 | 1466 | 1471 | 1476 | rBV | 417781 | 586104 | 13.93% | 1.909% |
| 31 | 10.585 | 1546 | 1558 | 1565 | rBV3 | 19199 | 45066 | 1.07% | 0.147% |
| 32 | 10.963 | 1614 | 1620 | 1628 | rBV | 487433 | 638150 | 15.16% | 2.078% |
| 33 | 11.079 | 1634 | 1639 | 1644 | rBV | 396037 | 502888 | 11.95% | 1.638% |
| 34 | 11.305 | 1666 | 1676 | 1686 | rBV | 1144664 | 1420964 | 33.76% | 4.627% |
| 35 | 11.610 | 1721 | 1726 | 1736 | rVB | 103230 | 140695 | 3.34% | 0.458% |
| 36 | 11.866 | 1762 | 1768 | 1770 | rBV | 101132 | 142839 | 3.39% | 0.465% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

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 | 11.890 | 1770 | 1772 | 1778 | rVB | 130533 | 141697 | 3.37% | 0.461% |
| 38 | 12.018 | 1788 | 1793 | 1801 | rBV | 494580 | 652650 | 15.51% | 2.125% |
| 39 | 12.177 | 1815 | 1819 | 1824 | rVB | 43471 | 52149 | 1.24% | 0.170% |
| 40 | 12.244 | 1824 | 1830 | 1837 | rBV | 3376253 | 4208942 | 100.00% | 13.706% |
| 41 | 12.311 | 1837 | 1841 | 1850 | rVB2 | 259862 | 567382 | 13.48% | 1.848% |
| 42 | 12.402 | 1851 | 1856 | 1862 | rVB | 192094 | 233190 | 5.54% | 0.759% |
| 43 | 12.463 | 1862 | 1866 | 1872 | rVB | 38744 | 48293 | 1.15% | 0.157% |
| 44 | 12.530 | 1872 | 1877 | 1883 | rBV | 56942 | 69889 | 1.66% | 0.228% |
| 45 | 12.610 | 1883 | 1890 | 1894 | rBV | 1834795 | 2326633 | 55.28% | 7.576% |
| 46 | 12.646 | 1894 | 1896 | 1900 | rVB | 422253 | 425937 | 10.12% | 1.387% |
| 47 | 12.701 | 1900 | 1905 | 1912 | rBV2 | 1331475 | 1931476 | 45.89% | 6.290% |
| 48 | 12.841 | 1923 | 1928 | 1933 | rVB | 96347 | 133501 | 3.17% | 0.435% |
| 49 | 12.920 | 1933 | 1941 | 1945 | rBV | 1161361 | 1388746 | 33.00% | 4.522% |
| 50 | 12.963 | 1945 | 1948 | 1953 | rVB2 | 69835 | 91438 | 2.17% | 0.298% |
| 51 | 13.024 | 1953 | 1958 | 1964 | rBV4 | 153523 | 251717 | 5.98% | 0.820% |
| 52 | 13.134 | 1973 | 1976 | 1978 | rBV | 106572 | 118293 | 2.81% | 0.385% |
| 53 | 13.170 | 1978 | 1982 | 1991 | rVB | 1072051 | 1384639 | 32.90% | 4.509% |
| 54 | 13.256 | 1991 | 1996 | 1997 | rBV2 | 104107 | 111677 | 2.65% | 0.364% |
| 55 | 13.292 | 1997 | 2002 | 2008 | rVV2 | 2204345 | 3015375 | 71.64% | 9.819% |
| 56 | 13.341 | 2008 | 2010 | 2012 | rVV2 | 77017 | 90491 | 2.15% | 0.295% |
| 57 | 13.372 | 2012 | 2015 | 2020 | rVB | 114931 | 145773 | 3.46% | 0.475% |
| 58 | 13.426 | 2020 | 2024 | 2030 | rVB | 118458 | 164802 | 3.92% | 0.537% |
| 59 | 13.506 | 2032 | 2037 | 2039 | rBV2 | 133457 | 168226 | 4.00% | 0.548% |
| 60 | 13.542 | 2039 | 2043 | 2046 | rVV | 331602 | 442399 | 10.51% | 1.441% |
| 61 | 13.579 | 2046 | 2049 | 2054 | rVV2 | 351990 | 543379 | 12.91% | 1.769% |
| 62 | 13.664 | 2054 | 2063 | 2070 | rVB3 | 327215 | 761050 | 18.08% | 2.478% |
| 63 | 13.792 | 2079 | 2084 | 2090 | rVB3 | 41065 | 66819 | 1.59% | 0.218% |
| 64 | 13.853 | 2090 | 2094 | 2098 | rVB | 75367 | 94117 | 2.24% | 0.306% |
| 65 | 13.926 | 2098 | 2106 | 2110 | rBV2 | 159782 | 240975 | 5.73% | 0.785% |
| 66 | 13.969 | 2110 | 2113 | 2117 | rVB | 110737 | 129892 | 3.09% | 0.423% |
| 67 | 14.073 | 2125 | 2130 | 2137 | rBV | 199712 | 253464 | 6.02% | 0.825% |
| 68 | 14.213 | 2148 | 2153 | 2159 | rBV2 | 173045 | 291994 | 6.94% | 0.951% |
| 69 | 14.317 | 2166 | 2170 | 2175 | rBV | 71455 | 99855 | 2.37% | 0.325% |
| 70 | 14.371 | 2175 | 2179 | 2184 | rVB | 108024 | 134798 | 3.20% | 0.439% |
| 71 | 14.481 | 2191 | 2197 | 2202 | rBV2 | 67318 | 96850 | 2.30% | 0.315% |
| 72 | 14.634 | 2210 | 2222 | 2233 | rBV | 461792 | 660496 | 15.69% | 2.151% |
| 73 | 14.780 | 2241 | 2246 | 2255 | rBV | 293535 | 390489 | 9.28% | 1.272% |
| 74 | 15.615 | 2375 | 2383 | 2386 | rBV2 | 32874 | 55848 | 1.33% | 0.182% |

Sum of corrected areas: 30709187

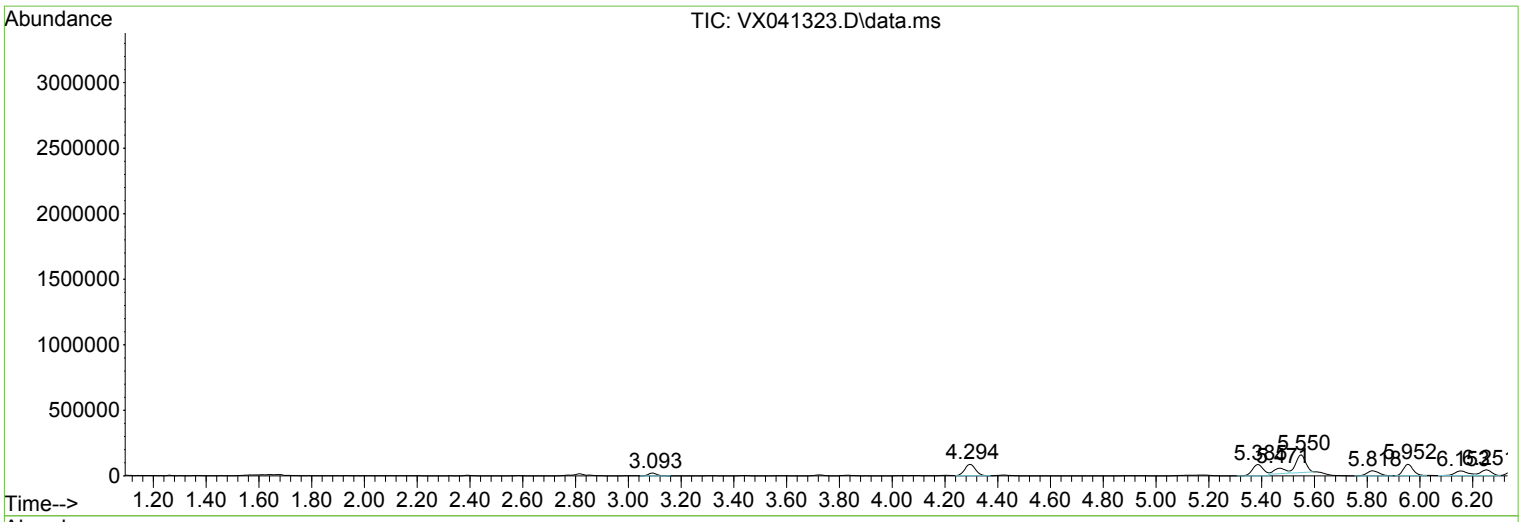
**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

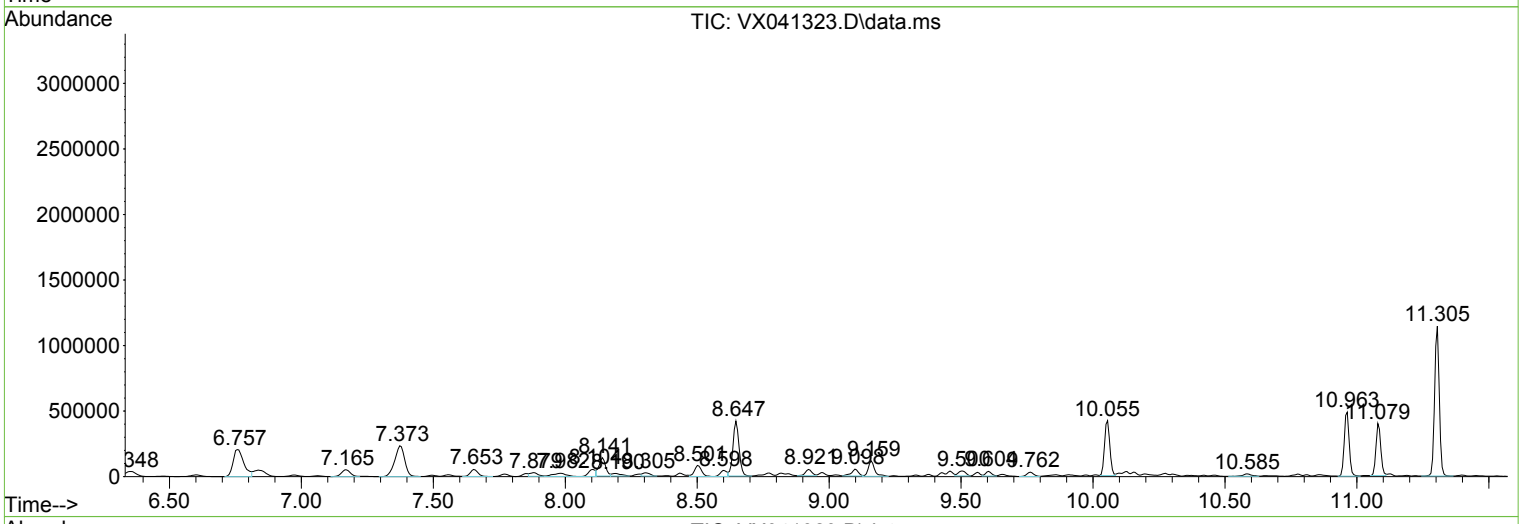
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

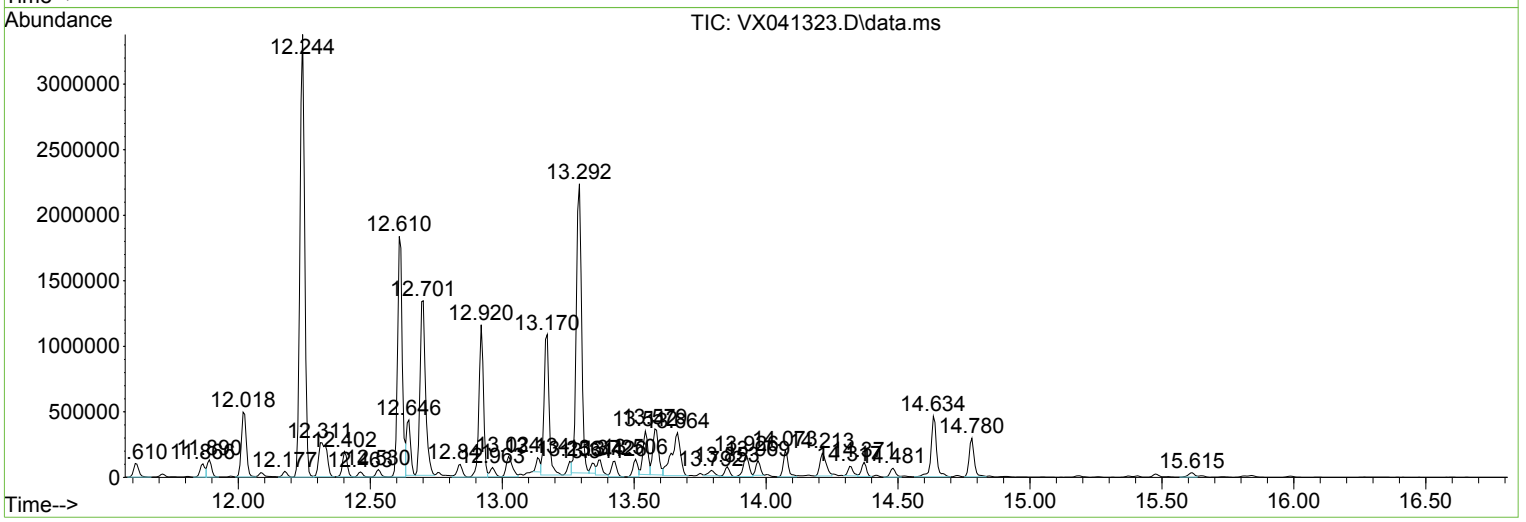
**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

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 : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

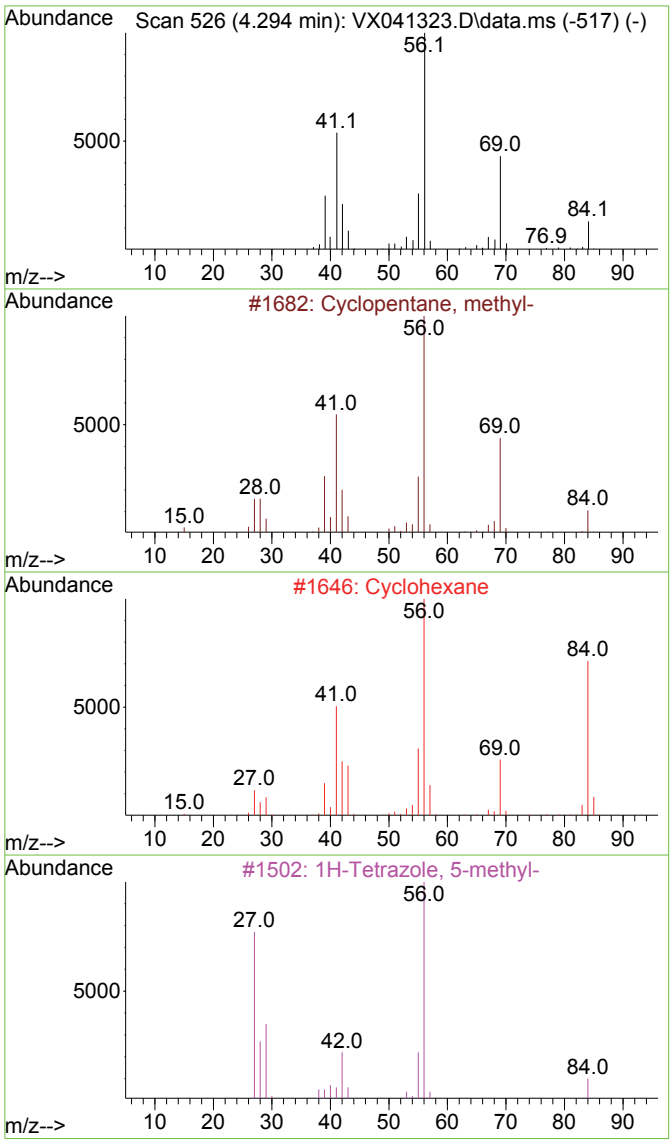
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

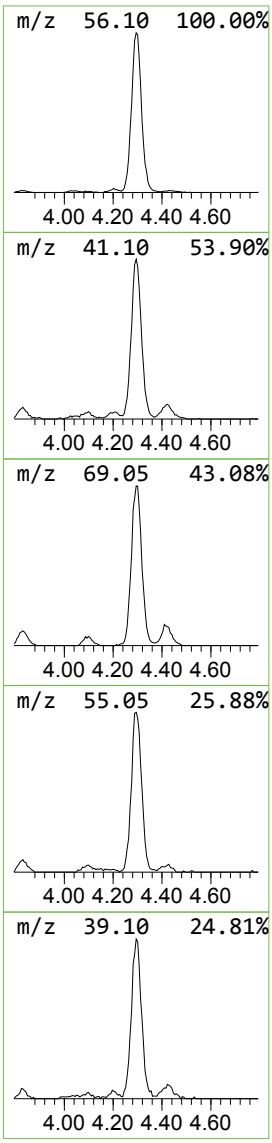
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Cyclopentane, methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.294 | 35.76 ug/l | 248096 | Pentafluorobenzene | 5.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 94 |
| 2 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 78 |
| 3 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 72 |
| 4 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 64 |
| 5 | Cyclobutane | 56 | C4H8 | 000287-23-0 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

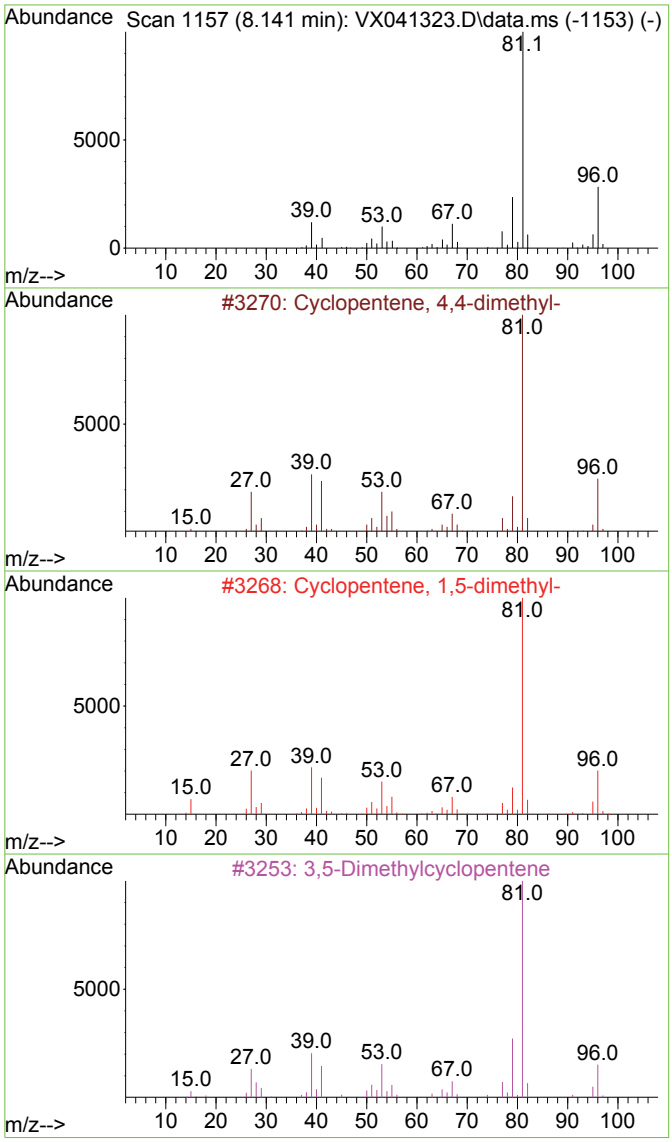
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

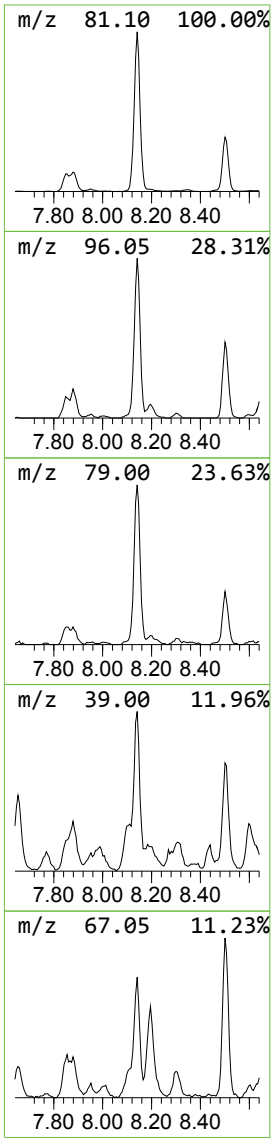
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Cyclopentene, 4,4-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.141 | 20.71 ug/l | 240297 | 1,4-Difluorobenzene | 6.757 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 4,4-dimethyl- | 96 | C7H12 | 019037-72-0 | 80 |
| 2 | Cyclopentene, 1,5-dimethyl- | 96 | C7H12 | 016491-15-9 | 78 |
| 3 | 3,5-Dimethylcyclopentene | 96 | C7H12 | 007459-71-4 | 78 |
| 4 | 1,4-Pentadiene, 3,3-dimethyl- | 96 | C7H12 | 001112-35-2 | 78 |
| 5 | Cyclopropane, 1-methyl-1-isoprop... | 96 | C7H12 | 003422-07-9 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

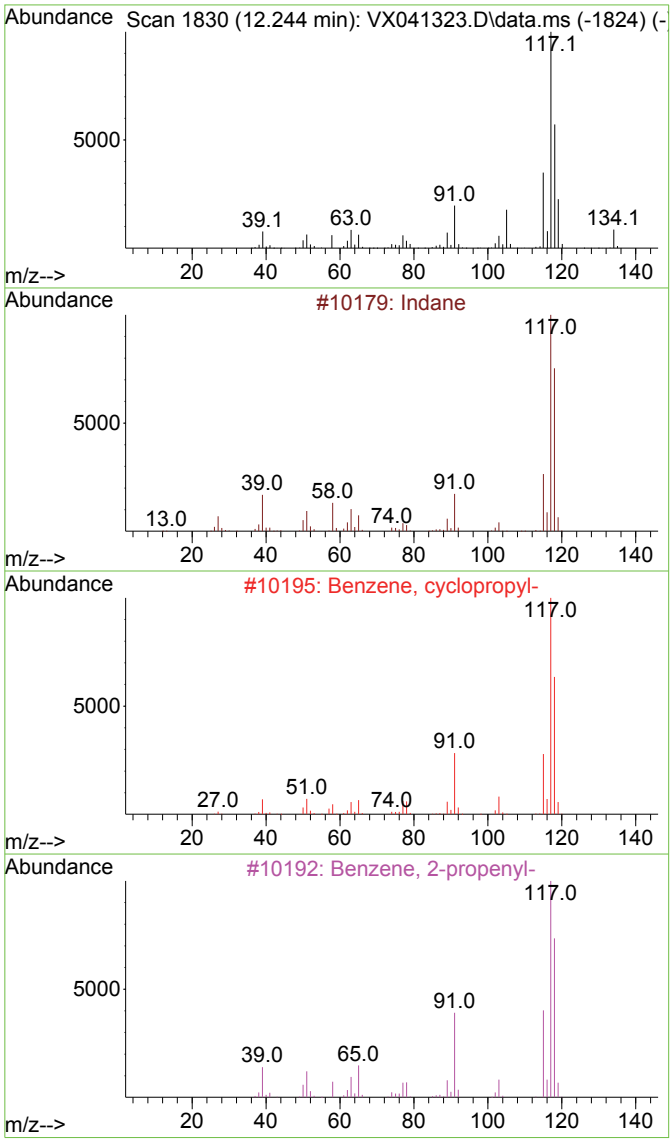
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

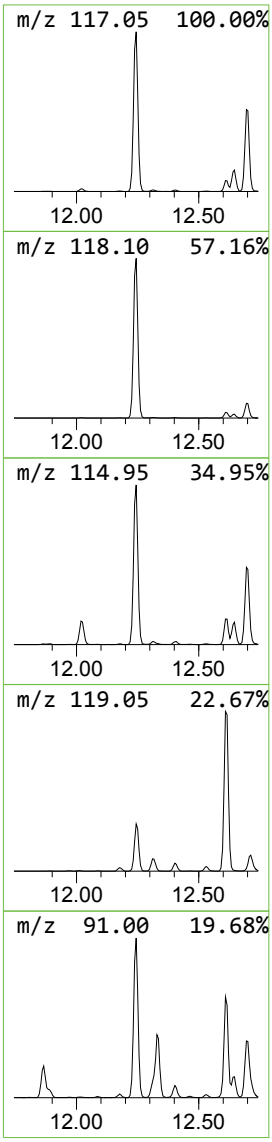
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 322.45 ug/l | 4208940 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 70 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 52 |
| 5 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

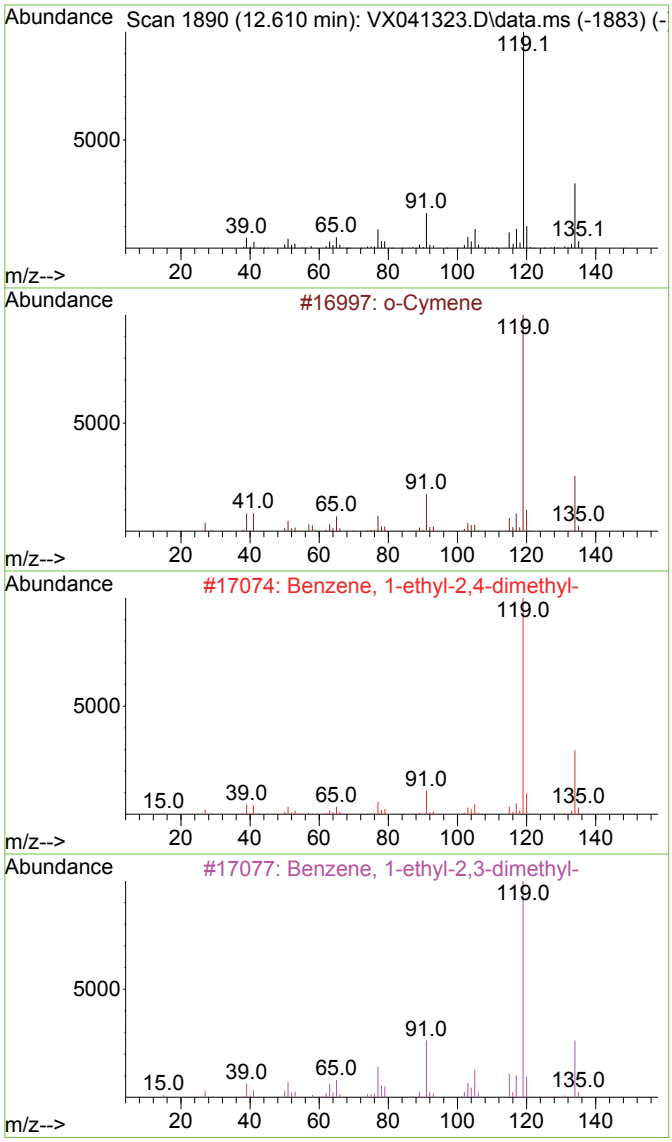
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

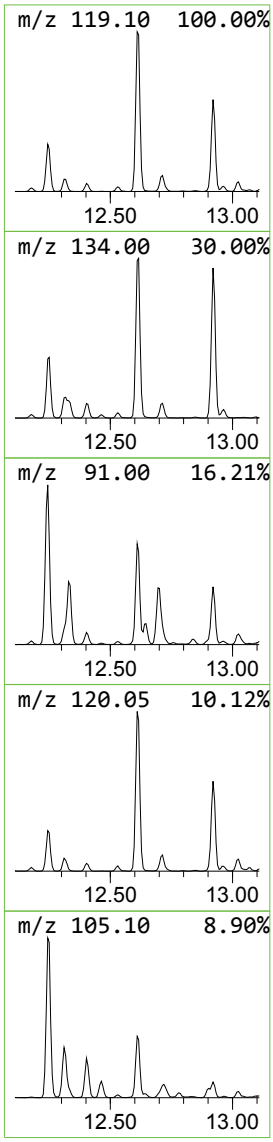
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 o-Cymene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.610 | 178.25 ug/l | 2326630 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 97 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 96 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

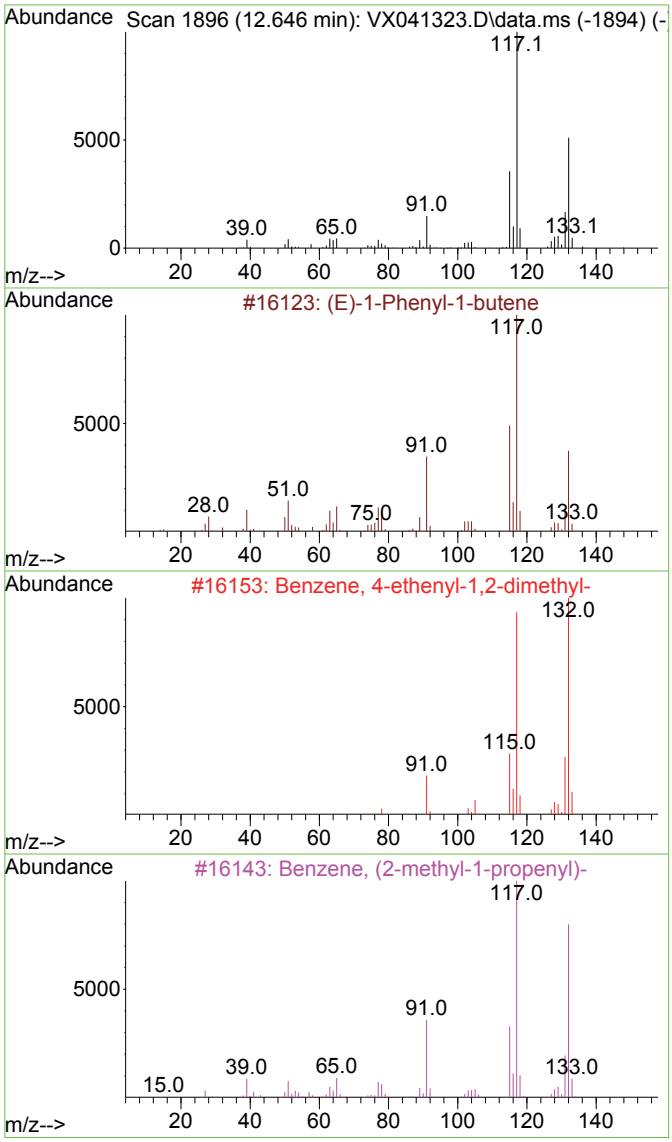
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

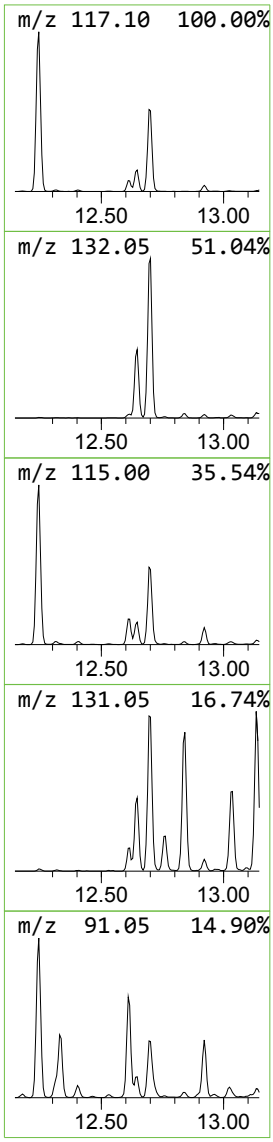
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (E)-1-Phenyl-1-butene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.646 | 32.63 ug/l | 425937 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 93 |
| 2 | Benzene, 4-ethenyl-1,2-dimethyl- | 132 | C10H12 | 027831-13-6 | 91 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 91 |
| 4 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

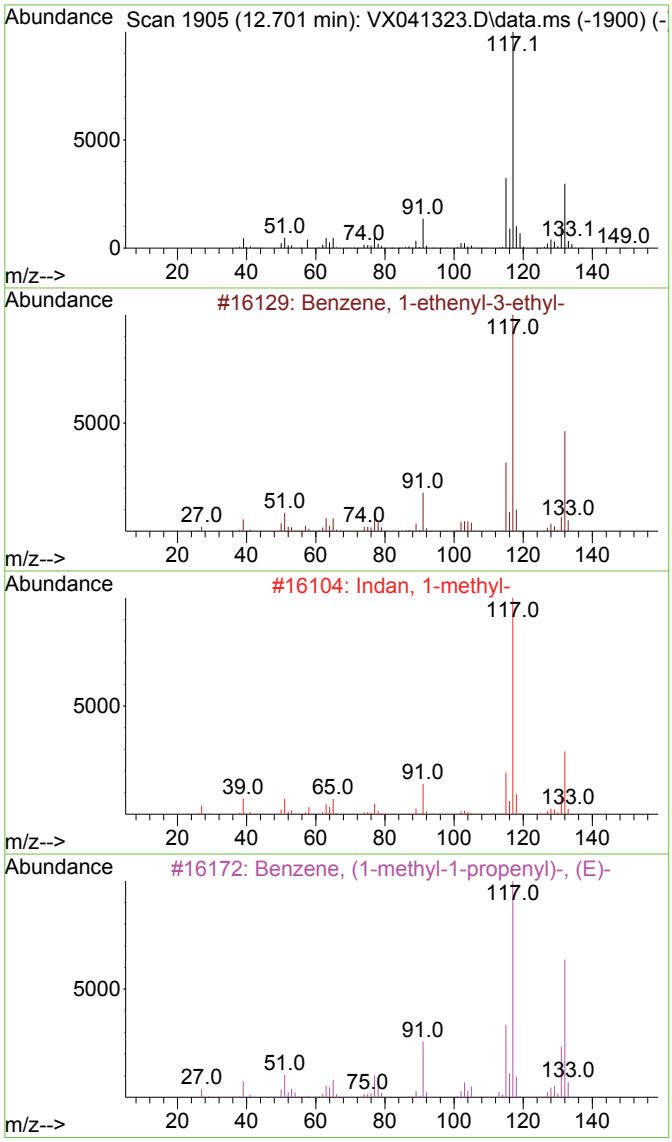
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

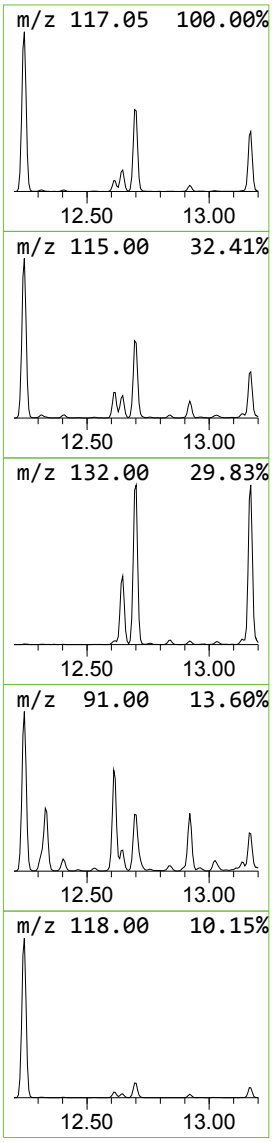
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 147.97 ug/l | 1931480 | 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 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

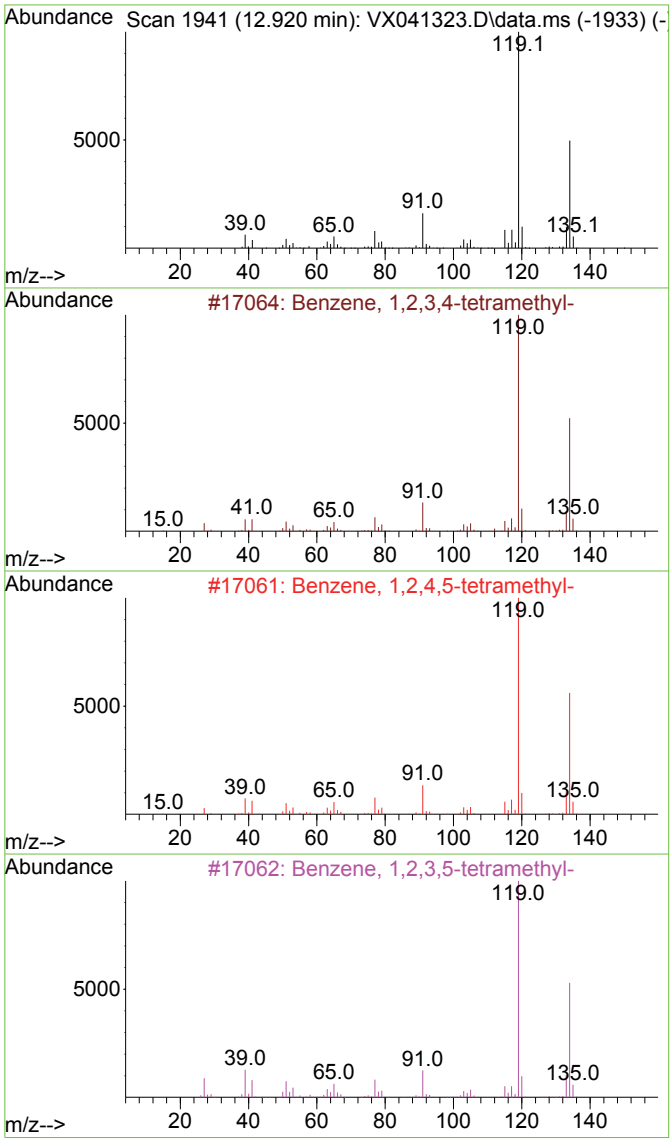
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

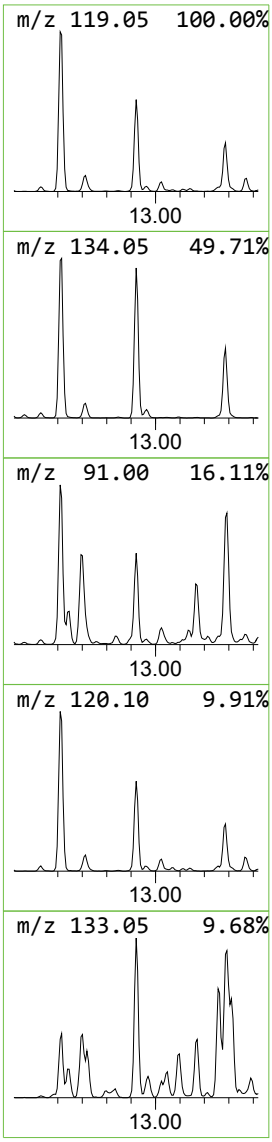
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.920 | 106.39 ug/l | 1388750 | 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 | 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\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

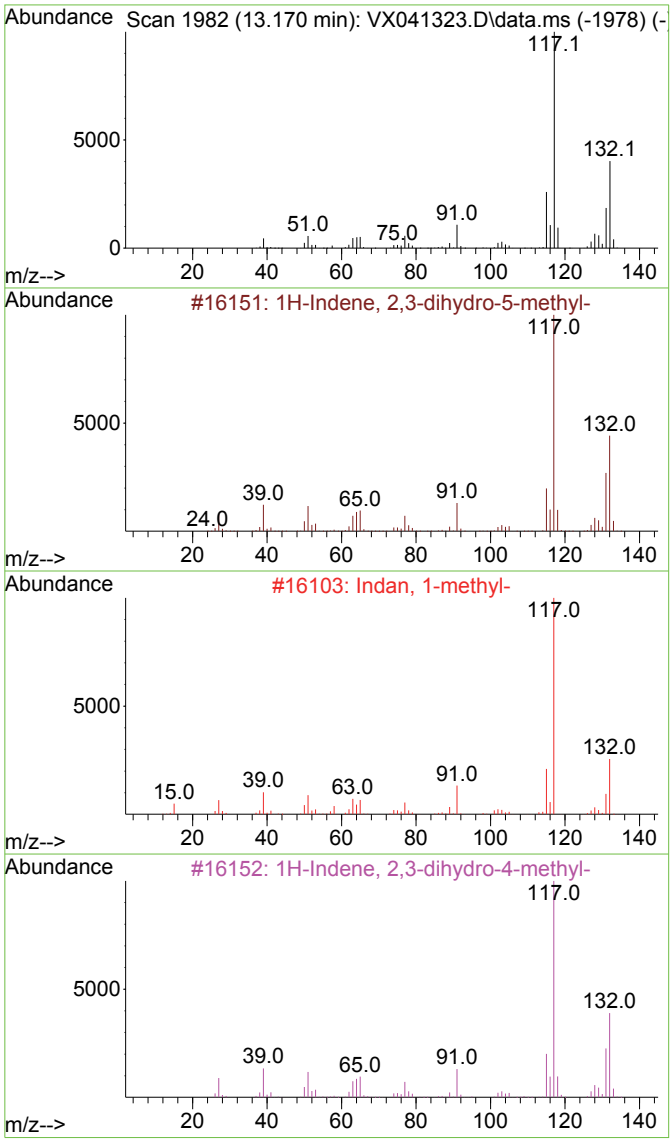
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

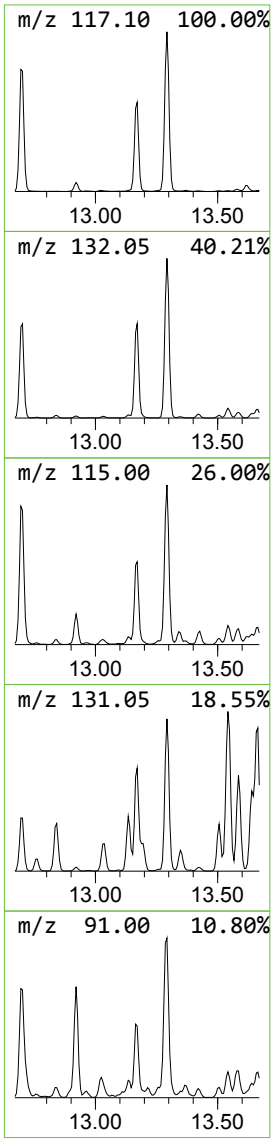
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.170 | 106.08 ug/l | 1384640 | 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 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 90 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 90 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 87 |
| 5 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

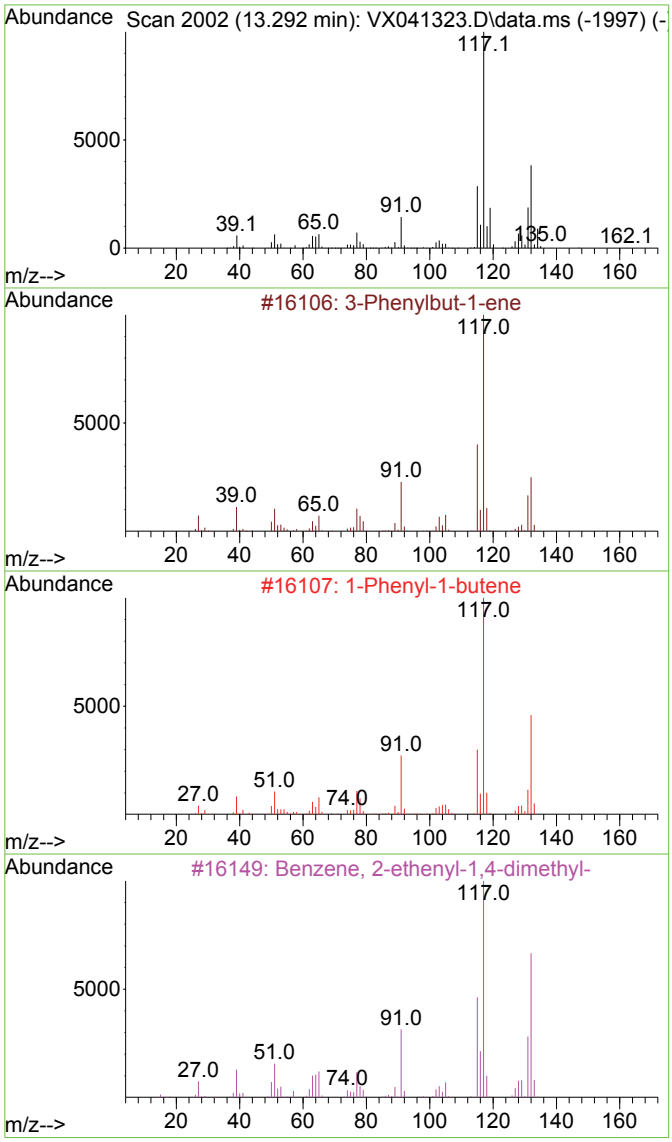
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

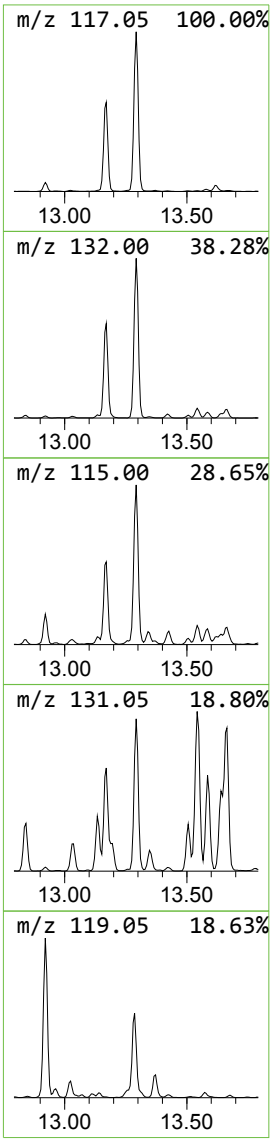
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 3-Phenylbut-1-ene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 231.01 ug/l | 3015380 | 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 | 87 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 83 |
| 3 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 83 |
| 4 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 81 |
| 5 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 81 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

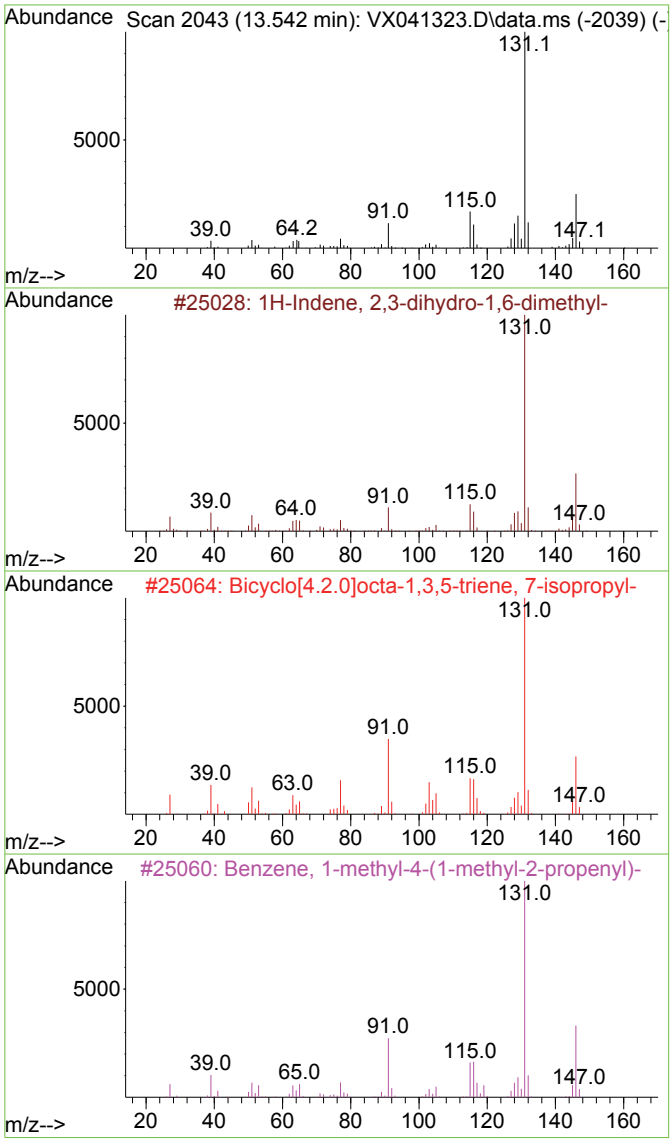
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

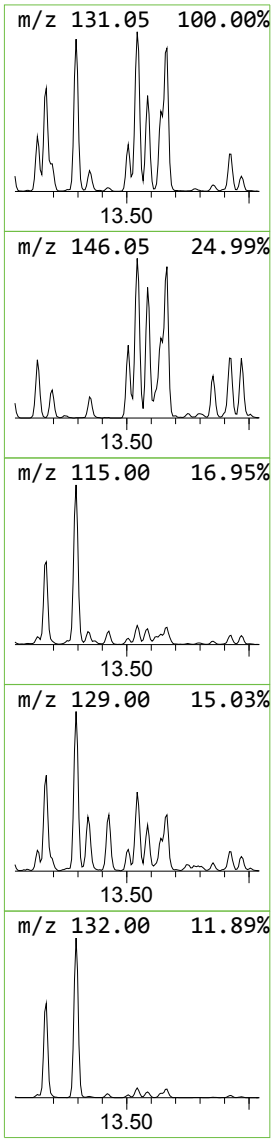
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.542 | 33.89 ug/l | 442399 | 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 | 95 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14 | 027087-54-3 | 91 |
| 3 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

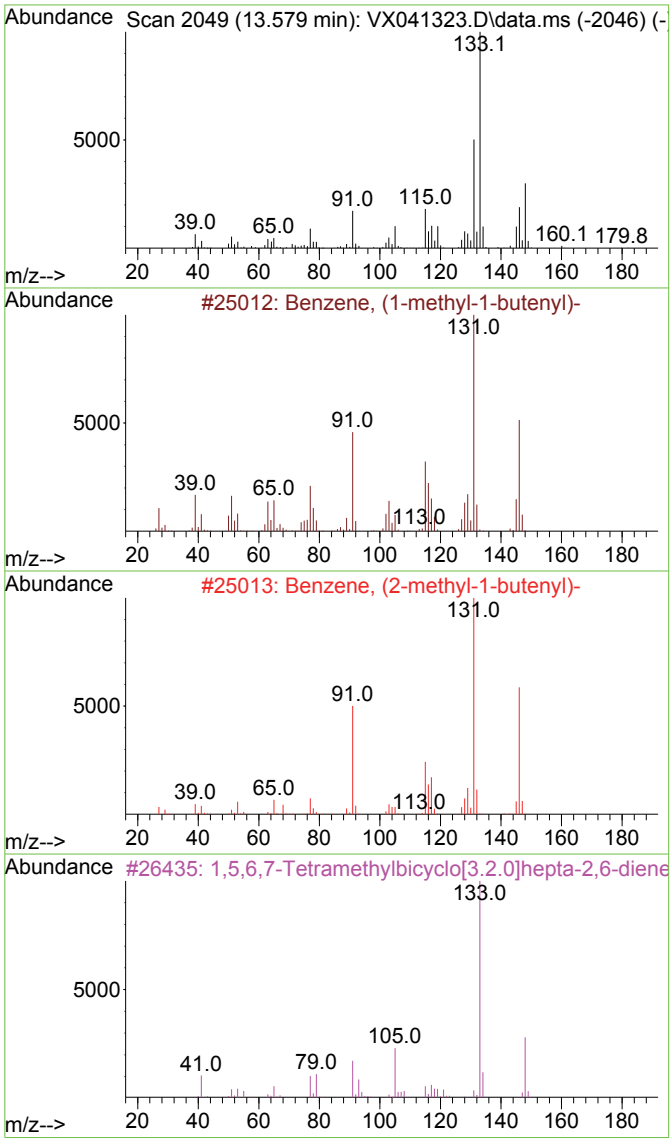
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

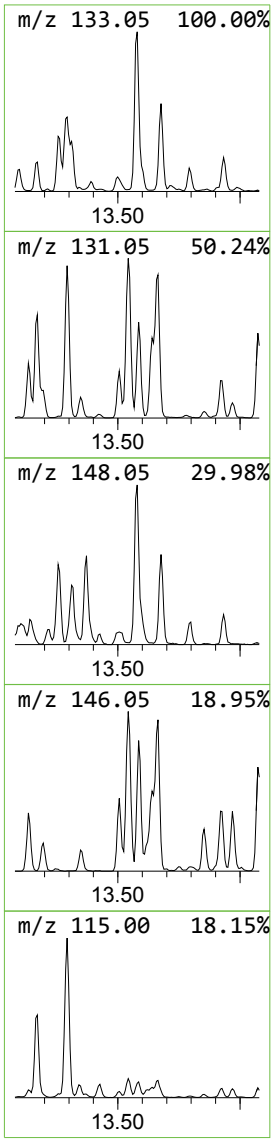
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, (1-methyl-1-butenyl)- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.579 | 41.63 ug/l | 543379 | 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 | 83 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 70 |
| 3 | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16 | 134329-46-7 | 58 |
| 4 | Benzene, pentamethyl- | 148 | C11H16 | 000700-12-9 | 53 |
| 5 | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16 | 004706-90-5 | 52 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

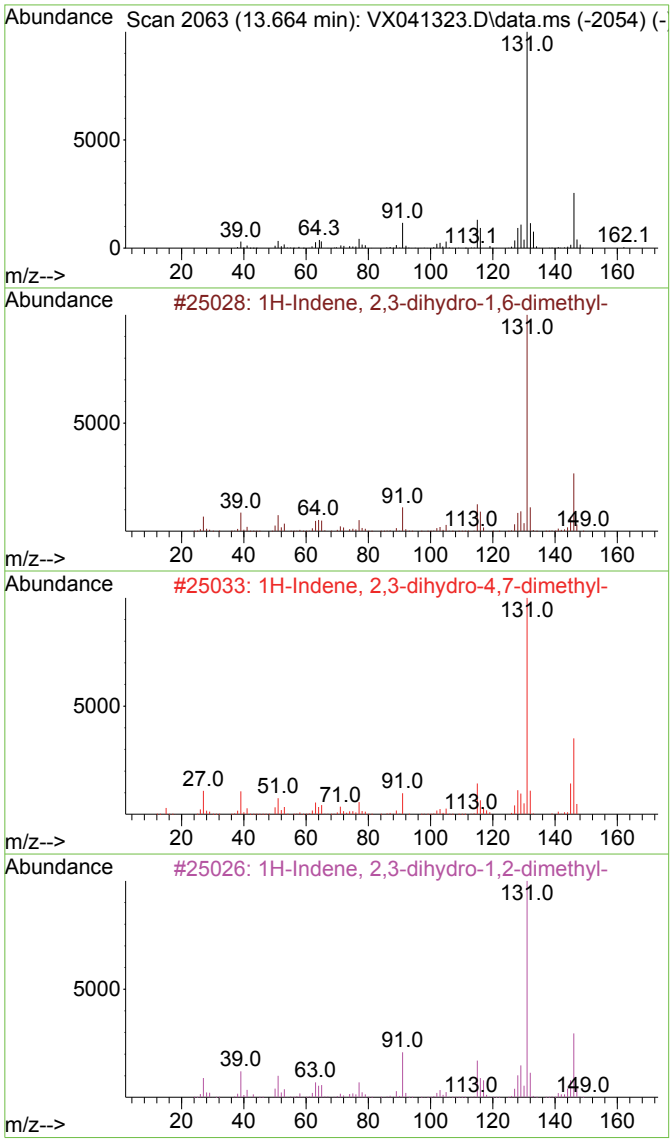
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

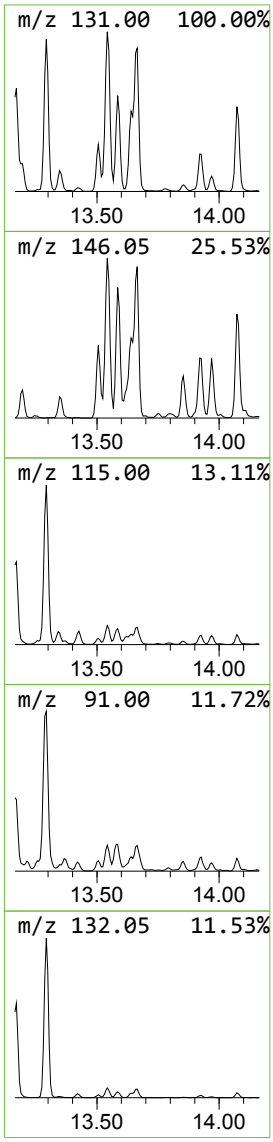
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.664 | 58.30 ug/l | 761050 | 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 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 91 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 5 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

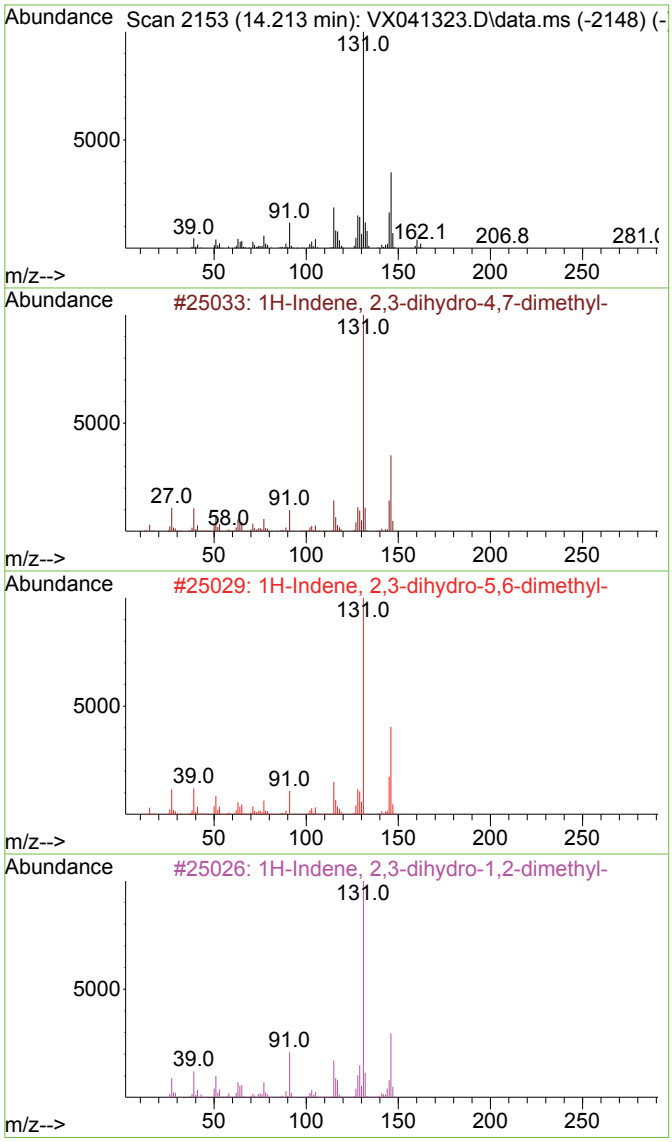
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

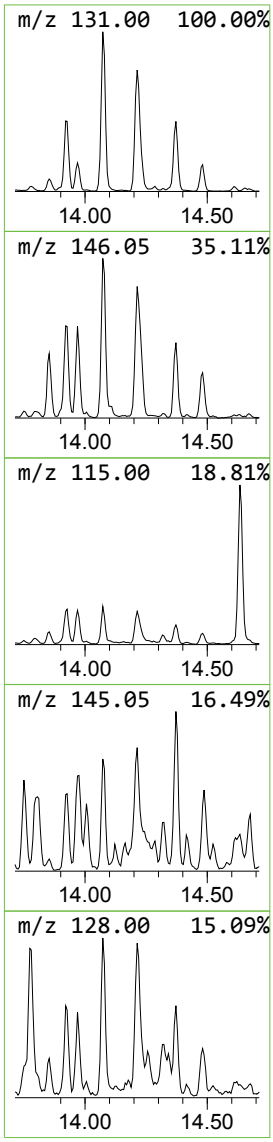
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.213 | 22.37 ug/l | 291994 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 95 |
| 2 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 93 |
| 4 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 90 |
| 5 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

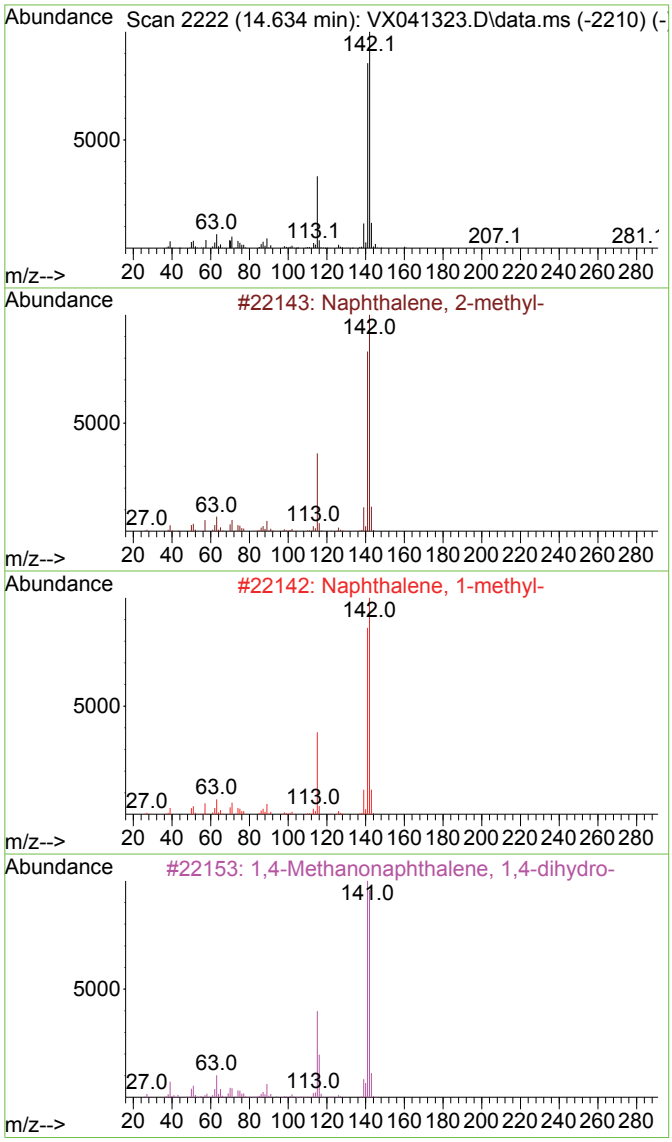
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

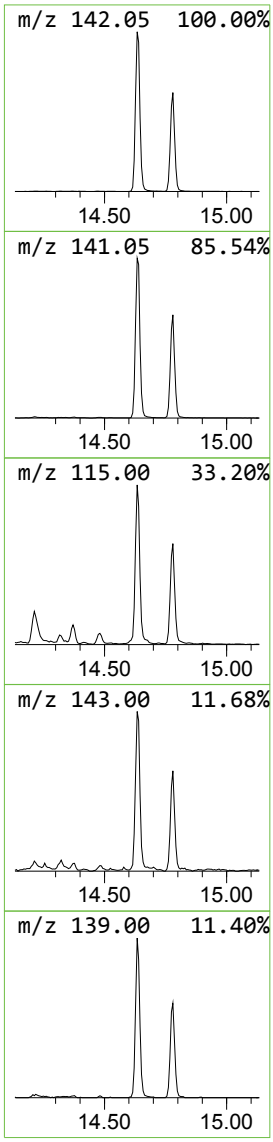
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.634 | 50.60 ug/l | 660496 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 4 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 5 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

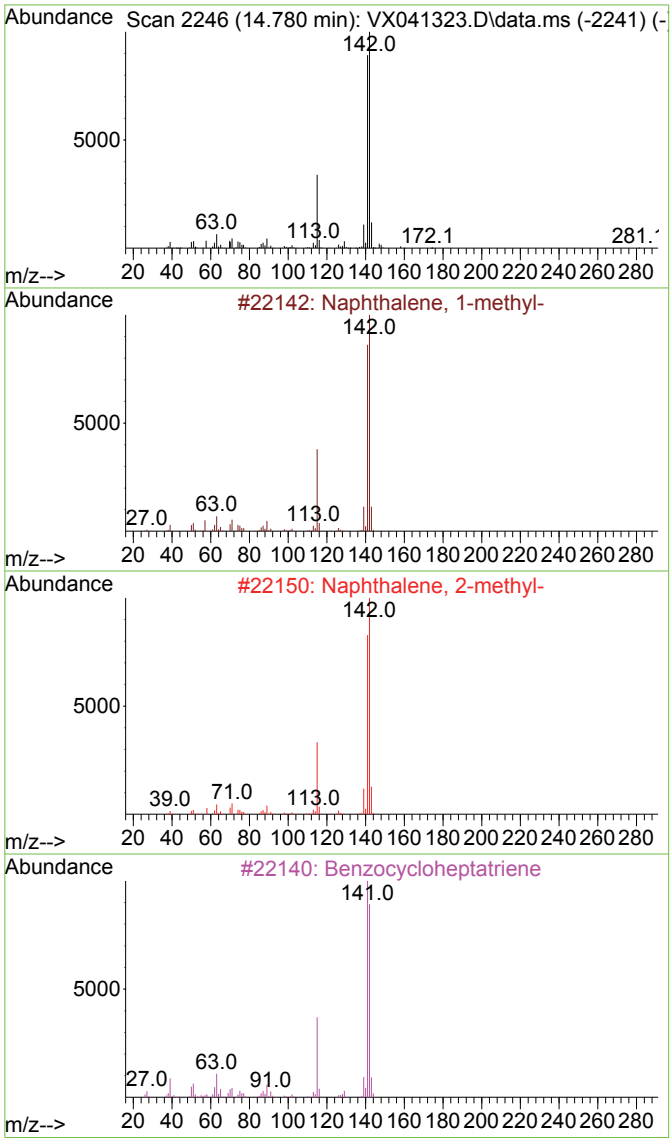
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260

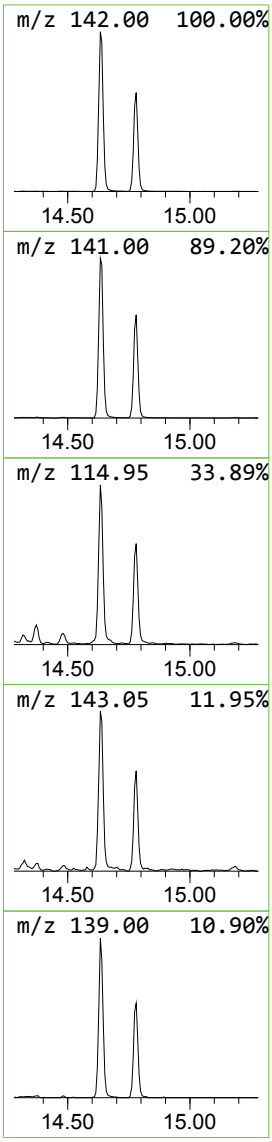
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.780 | 29.92 ug/l | 390489 | 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 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 5 | 1H-Indene, 1-ethylidene- | 142 | C11H10 | 002471-83-2 | 59 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041323.D
Acq On : 01 May 2024 13:58
Operator : JC/MD
Sample : P2264-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
T2-MW-2-8.0-042424

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 |
| Cyclopentane, m... | 4.294 | 35.8 | ug/l | 248096 | 1 | 5.550 | 346876 | 50.0 |
| Cyclopentene, 4... | 8.141 | 20.7 | ug/l | 240297 | 2 | 6.757 | 580216 | 50.0 |
| Indane | 12.244 | 322.4 | ug/l | 4208940 | 4 | 12.024 | 652650 | 50.0 |
| o-Cymene | 12.610 | 178.3 | ug/l | 2326630 | 4 | 12.024 | 652650 | 50.0 |
| (E)-1-Phenyl-1-... | 12.646 | 32.6 | ug/l | 425937 | 4 | 12.024 | 652650 | 50.0 |
| Benzene, 1-ethe... | 12.701 | 148.0 | ug/l | 1931480 | 4 | 12.024 | 652650 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 106.4 | ug/l | 1388750 | 4 | 12.024 | 652650 | 50.0 |
| 1H-Indene, 2,3-... | 13.170 | 106.1 | ug/l | 1384640 | 4 | 12.024 | 652650 | 50.0 |
| 3-Phenylbut-1-ene | 13.292 | 231.0 | ug/l | 3015380 | 4 | 12.024 | 652650 | 50.0 |
| 1H-Indene, 2,3-... | 13.542 | 33.9 | ug/l | 442399 | 4 | 12.024 | 652650 | 50.0 |
| Benzene, (1-met... | 13.579 | 41.6 | ug/l | 543379 | 4 | 12.024 | 652650 | 50.0 |
| 1H-Indene, 2,3-... | 13.664 | 58.3 | ug/l | 761050 | 4 | 12.024 | 652650 | 50.0 |
| 1H-Indene, 2,3-... | 14.213 | 22.4 | ug/l | 291994 | 4 | 12.024 | 652650 | 50.0 |
| Naphthalene, 2-... | 14.634 | 50.6 | ug/l | 660496 | 4 | 12.024 | 652650 | 50.0 |
| Naphthalene, 1-... | 14.780 | 29.9 | ug/l | 390489 | 4 | 12.024 | 652650 | 50.0 |