LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

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_Y\methods\82Y042423S.M
Title : SW846 8260

Signal : TIC: VY013539.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.223 | 61 | 66 | 72 | rBV | 11416 | 20305 | 3.94% | 0.453% |
| 2 | 4.716 | 465 | 475 | 490 | rVB2 | 27701 | 83767 | 16.25% | 1.869% |
| 3 | 5.753 | 632 | 645 | 656 | rBV4 | 10178 | 32935 | 6.39% | 0.735% |
| 4 | 7.716 | 955 | 967 | 973 | rBV2 | 75141 | 184590 | 35.80% | 4.120% |
| 5 | 7.789 | 973 | 979 | 988 | rVB | 134724 | 308640 | 59.86% | 6.888% |
| 6 | 8.136 | 1028 | 1036 | 1048 | rBV | 79818 | 177906 | 34.50% | 3.970% |
| 7 | 8.685 | 1117 | 1126 | 1138 | rBV | 186690 | 383020 | 74.29% | 8.548% |
| 8 | 10.179 | 1364 | 1371 | 1387 | rVB | 297576 | 515607 | 100.00% | 11.507% |
| 9 | 10.581 | 1432 | 1437 | 1442 | rVB | 4326 | 7586 | 1.47% | 0.169% |
| 10 | 11.489 | 1578 | 1586 | 1599 | rBV | 273078 | 445418 | 86.39% | 9.941% |
| 11 | 12.032 | 1664 | 1675 | 1678 | rBV4 | 7843 | 17816 | 3.46% | 0.398% |
| 12 | 12.251 | 1705 | 1711 | 1714 | rVB5 | 2826 | 6292 | 1.22% | 0.140% |
| 13 | 12.483 | 1742 | 1749 | 1760 | rBV2 | 207446 | 333369 | 64.66% | 7.440% |
| 14 | 12.733 | 1784 | 1790 | 1793 | rBV | 17131 | 29142 | 5.65% | 0.650% |
| 15 | 12.770 | 1793 | 1796 | 1799 | rVV2 | 11808 | 19682 | 3.82% | 0.439% |
| 16 | 12.812 | 1799 | 1803 | 1808 | rVV3 | 21823 | 36902 | 7.16% | 0.824% |
| 17 | 12.855 | 1808 | 1810 | 1815 | rVB6 | 4120 | 6036 | 1.17% | 0.135% |
| 18 | 12.971 | 1821 | 1829 | 1833 | rBV2 | 15576 | 28108 | 5.45% | 0.627% |
| 19 | 13.038 | 1836 | 1840 | 1846 | rVB5 | 10914 | 18976 | 3.68% | 0.423% |
| 20 | 13.117 | 1846 | 1853 | 1859 | rBV | 21930 | 35972 | 6.98% | 0.803% |
| 21 | 13.251 | 1871 | 1875 | 1878 | rVB5 | 4801 | 6549 | 1.27% | 0.146% |
| 22 | 13.318 | 1878 | 1886 | 1892 | rBV8 | 13488 | 33661 | 6.53% | 0.751% |
| 23 | 13.367 | 1892 | 1894 | 1898 | rVB4 | 5108 | 5521 | 1.07% | 0.123% |
| 24 | 13.428 | 1898 | 1904 | 1915 | rBV | 248459 | 433260 | 84.03% | 9.669% |
| 25 | 13.623 | 1927 | 1936 | 1940 | rBV | 34426 | 61830 | 11.99% | 1.380% |
| 26 | 13.666 | 1940 | 1943 | 1952 | rVB5 | 24573 | 49549 | 9.61% | 1.106% |
| 27 | 13.751 | 1952 | 1957 | 1961 | rBV4 | 19059 | 34615 | 6.71% | 0.773% |
| 28 | 13.800 | 1961 | 1965 | 1966 | rVV4 | 4265 | 5924 | 1.15% | 0.132% |
| 29 | 13.824 | 1966 | 1969 | 1972 | rVV | 14032 | 19542 | 3.79% | 0.436% |
| 30 | 13.885 | 1976 | 1979 | 1981 | rVV2 | 12049 | 16209 | 3.14% | 0.362% |
| 31 | 13.916 | 1981 | 1984 | 1988 | rVV2 | 17117 | 25268 | 4.90% | 0.564% |
| 32 | 13.971 | 1988 | 1993 | 1998 | rVV2 | 42503 | 73059 | 14.17% | 1.630% |
| 33 | 14.025 | 1998 | 2002 | 2005 | rVB5 | 5705 | 9040 | 1.75% | 0.202% |
| 34 | 14.080 | 2006 | 2011 | 2016 | rVB | 34090 | 53000 | 10.28% | 1.183% |
| 35 | 14.147 | 2016 | 2022 | 2023 | rBV4 | 7021 | 12858 | 2.49% | 0.287% |
| 36 | 14.208 | 2027 | 2032 | 2036 | rBV5 | 9350 | 14765 | 2.86% | 0.330% |

LSC Area Percent Report

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Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

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_Y\methods\82Y042423S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.257 | 2036 | 2040 | 2044 | rVV5 | 16963 | 28328 | 5.49% | 0.632% |
| 38 | 14.294 | 2044 | 2046 | 2050 | rVV2 | 10105 | 15139 | 2.94% | 0.338% |
| 39 | 14.336 | 2050 | 2053 | 2057 | rVB | 20347 | 23492 | 4.56% | 0.524% |
| 40 | 14.379 | 2057 | 2060 | 2063 | rBV3 | 13003 | 16405 | 3.18% | 0.366% |
| 41 | 14.422 | 2063 | 2067 | 2073 | rVB5 | 17521 | 23352 | 4.53% | 0.521% |
| 42 | 14.483 | 2073 | 2077 | 2079 | rBV5 | 7768 | 10371 | 2.01% | 0.231% |
| 43 | 14.519 | 2081 | 2083 | 2087 | rVV2 | 12570 | 14924 | 2.89% | 0.333% |
| 44 | 14.568 | 2087 | 2091 | 2095 | rVV | 23952 | 38944 | 7.55% | 0.869% |
| 45 | 14.617 | 2095 | 2099 | 2103 | rVB3 | 17129 | 23953 | 4.65% | 0.535% |
| 46 | 14.684 | 2103 | 2110 | 2116 | rBV4 | 54562 | 117410 | 22.77% | 2.620% |
| 47 | 14.739 | 2116 | 2119 | 2125 | rVB3 | 15747 | 25156 | 4.88% | 0.561% |
| 48 | 14.836 | 2129 | 2135 | 2141 | rBV | 42290 | 70019 | 13.58% | 1.563% |
| 49 | 14.946 | 2148 | 2153 | 2157 | rBV6 | 16205 | 26605 | 5.16% | 0.594% |
| 50 | 14.976 | 2157 | 2158 | 2164 | rVB5 | 9828 | 10748 | 2.08% | 0.240% |
| 51 | 15.062 | 2166 | 2172 | 2178 | rVB3 | 22191 | 53150 | 10.31% | 1.186% |
| 52 | 15.135 | 2178 | 2184 | 2191 | rVB3 | 6496 | 17889 | 3.47% | 0.399% |
| 53 | 15.214 | 2193 | 2197 | 2198 | rBV4 | 4876 | 6546 | 1.27% | 0.146% |
| 54 | 15.306 | 2206 | 2212 | 2217 | rBV5 | 22772 | 64638 | 12.54% | 1.443% |
| 55 | 15.525 | 2242 | 2248 | 2255 | rBV5 | 15026 | 31935 | 6.19% | 0.713% |
| 56 | 15.604 | 2257 | 2261 | 2267 | rVB9 | 5111 | 8986 | 1.74% | 0.201% |
| 57 | 15.690 | 2267 | 2275 | 2277 | rBV6 | 13588 | 29524 | 5.73% | 0.659% |
| 58 | 15.726 | 2277 | 2281 | 2288 | rVB3 | 38625 | 71863 | 13.94% | 1.604% |
| 59 | 15.818 | 2293 | 2296 | 2302 | rVV8 | 7954 | 18482 | 3.58% | 0.412% |
| 60 | 15.897 | 2304 | 2309 | 2313 | rVV6 | 10791 | 25701 | 4.98% | 0.574% |
| 61 | 15.934 | 2313 | 2315 | 2319 | rVB5 | 5125 | 6913 | 1.34% | 0.154% |
| 62 | 16.037 | 2325 | 2332 | 2340 | rBV4 | 21445 | 46484 | 9.02% | 1.037% |
| 63 | 16.226 | 2354 | 2363 | 2369 | rBV4 | 17389 | 43491 | 8.43% | 0.971% |
| 64 | 16.293 | 2369 | 2374 | 2388 | rVB9 | 9695 | 26529 | 5.15% | 0.592% |
| 65 | 16.501 | 2404 | 2408 | 2414 | rVV9 | 6687 | 16003 | 3.10% | 0.357% |
| 66 | 16.555 | 2414 | 2417 | 2422 | rVB7 | 3877 | 6138 | 1.19% | 0.137% |
| 67 | 16.629 | 2422 | 2429 | 2438 | rVB10 | 5972 | 14964 | 2.90% | 0.334% |

Sum of corrected areas: 4480801

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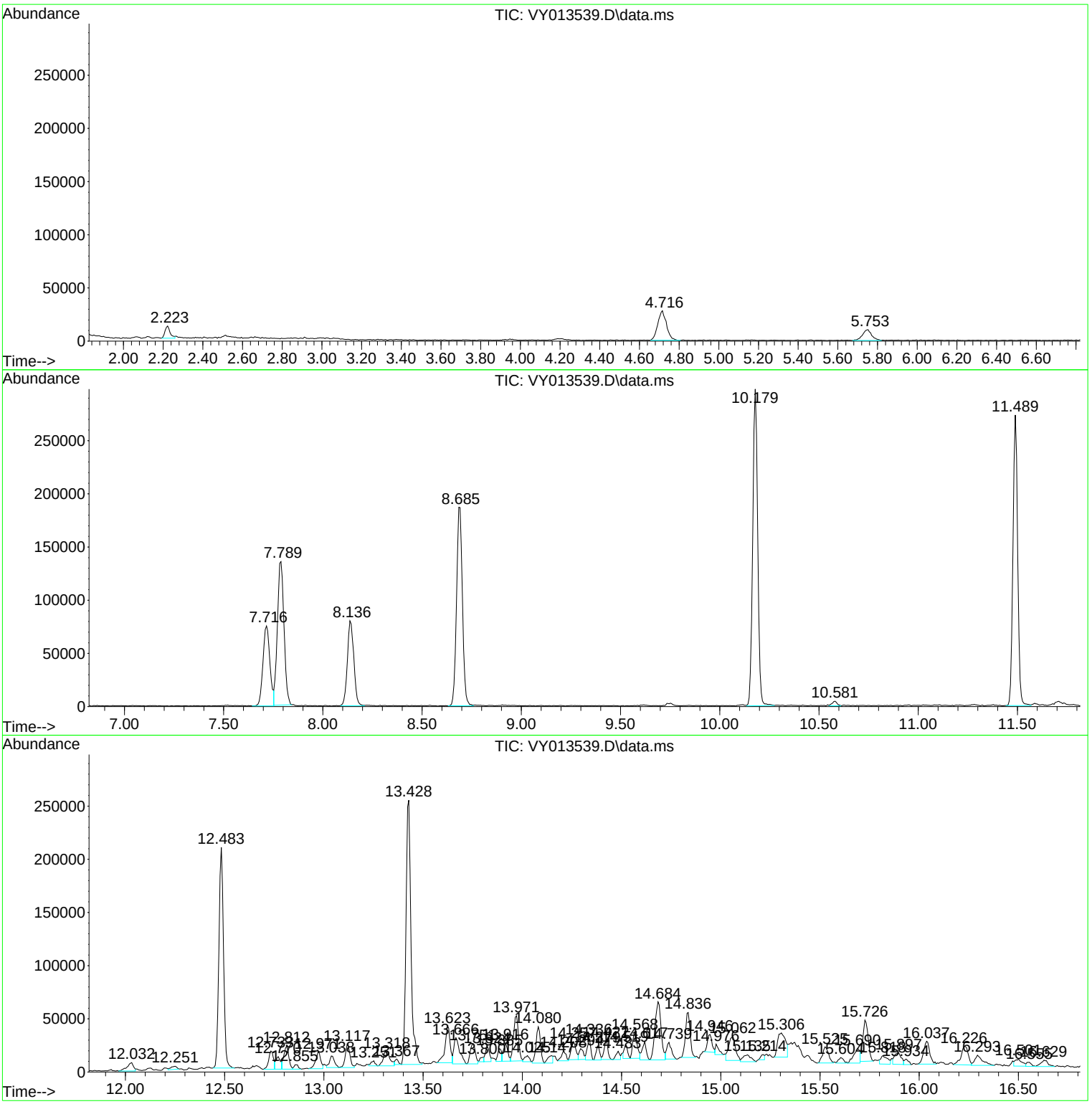
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

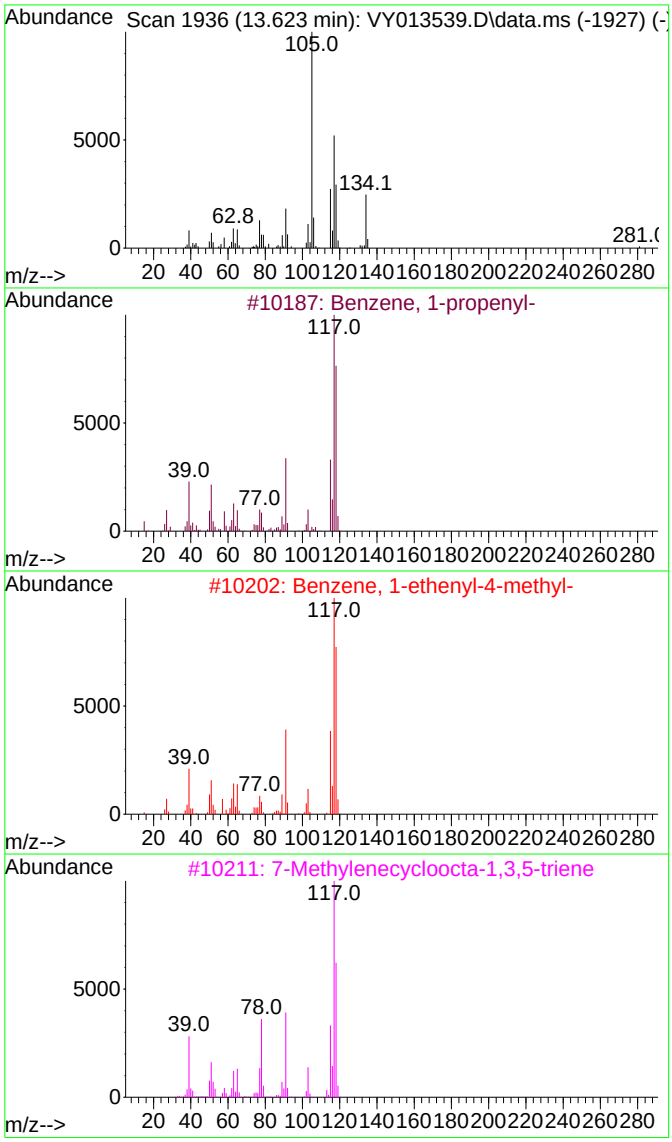
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

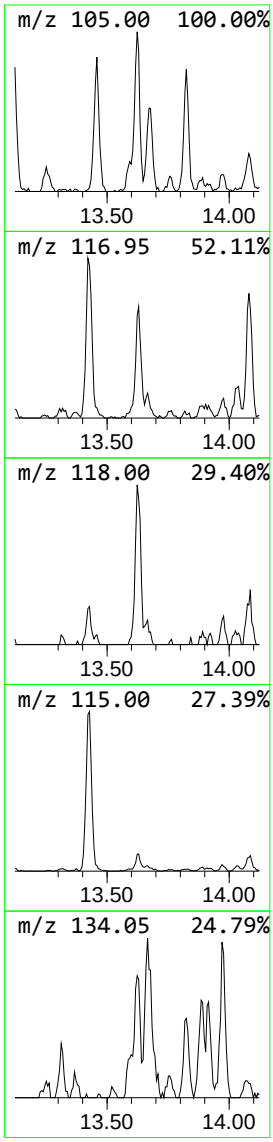
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1-propenyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.623 | 7.14 ug/l | 61830 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 50 |
| 2 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 46 |
| 3 | 7-Methylenecycloocta-1,3,5-triene | 118 | C9H10 | 002570-13-0 | 45 |
| 4 | 2-Indanol | 134 | C9H10O | 004254-29-9 | 45 |
| 5 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 42 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

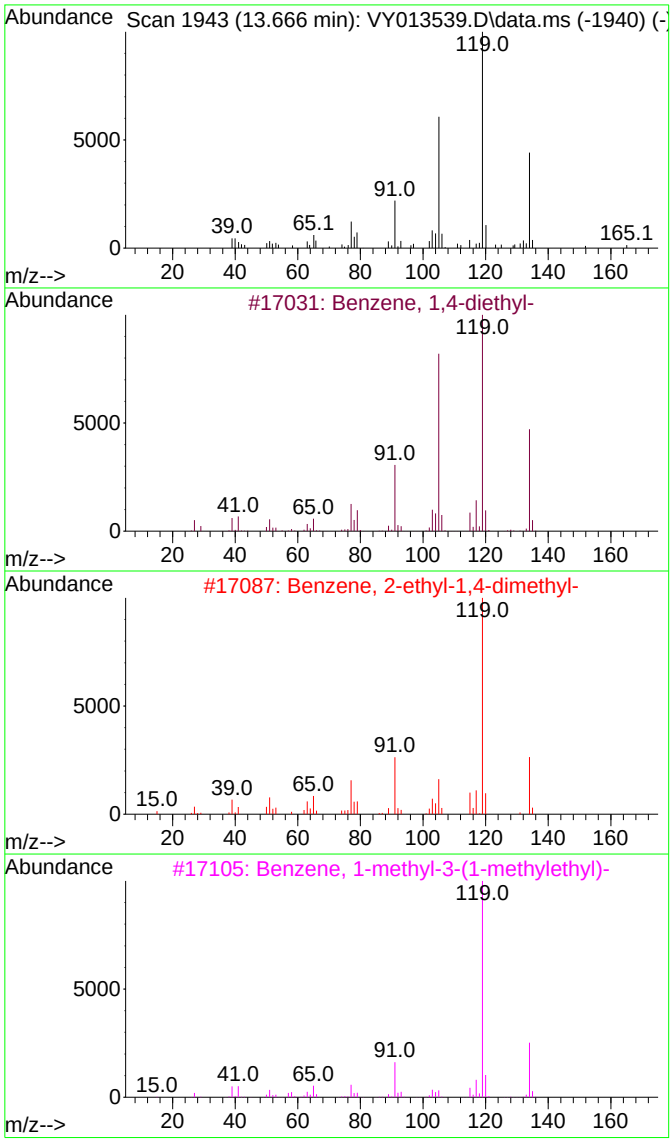
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

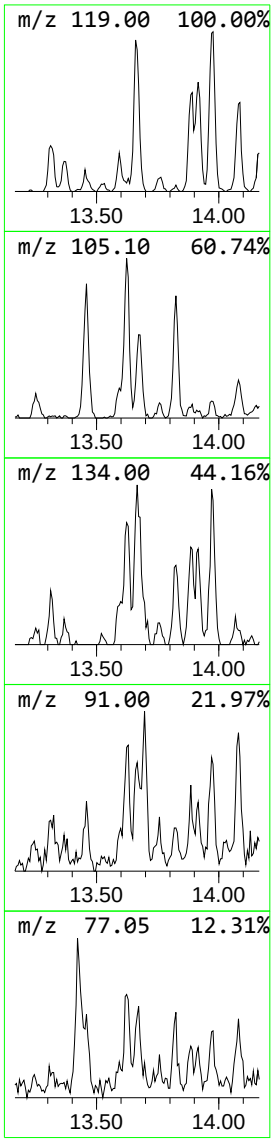
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.666 | 5.72 ug/l | 49549 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 91 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 90 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 87 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 87 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

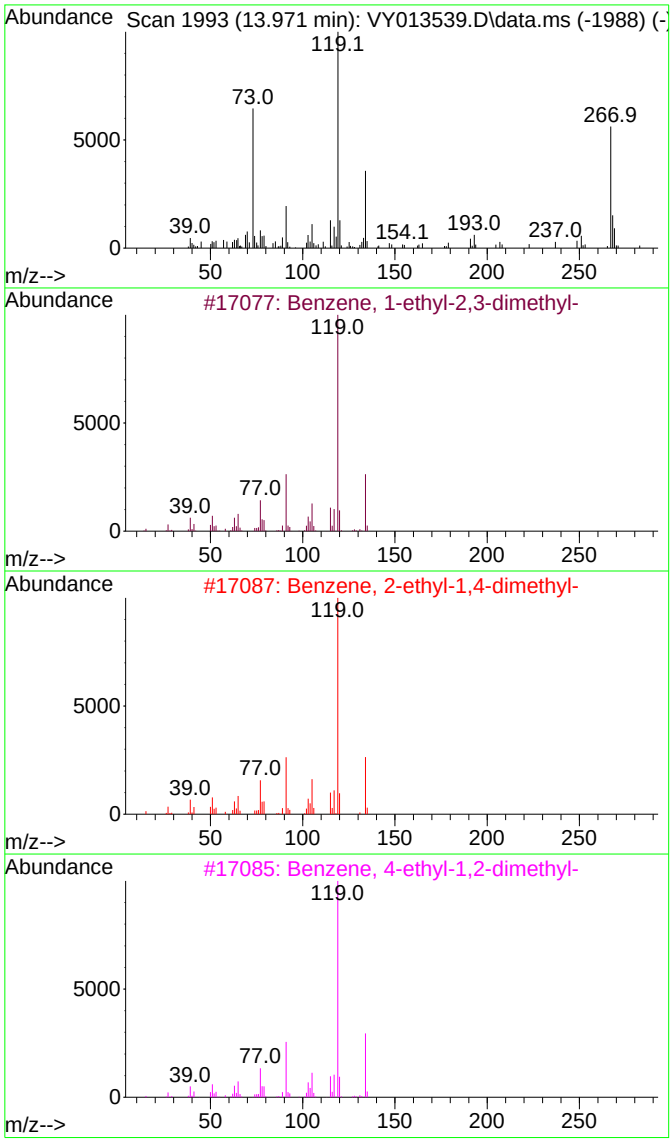
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

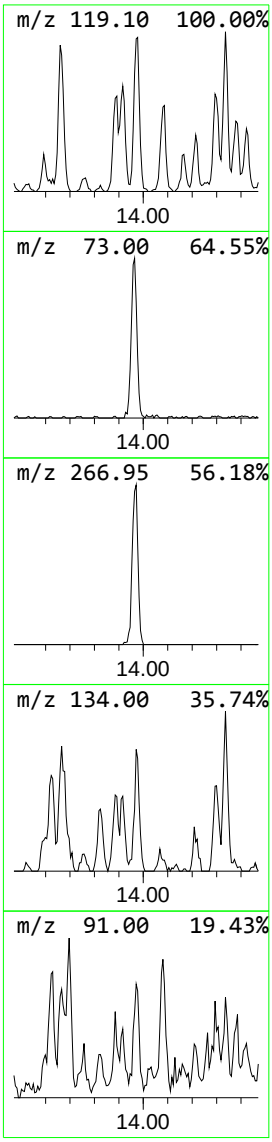
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.971 | 8.43 ug/l | 73059 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 78 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 78 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 78 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 60 |



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Data File : VY013539.D
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Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

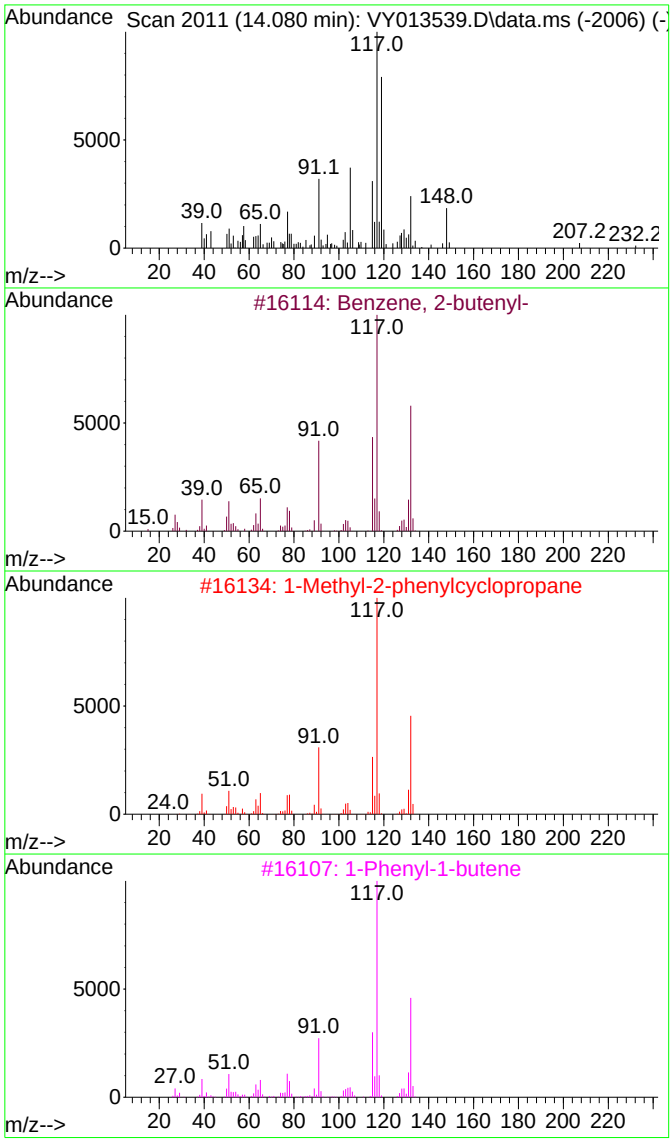
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

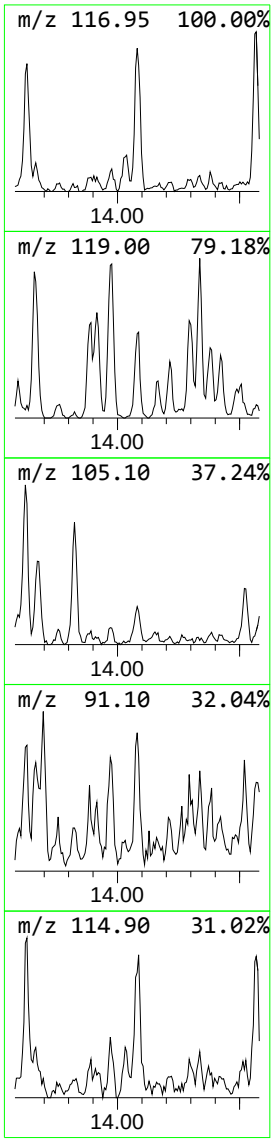
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 2-butenyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.080 | 6.12 ug/l | 53000 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 55 |
| 2 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 55 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 55 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 50 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 49 |



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Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

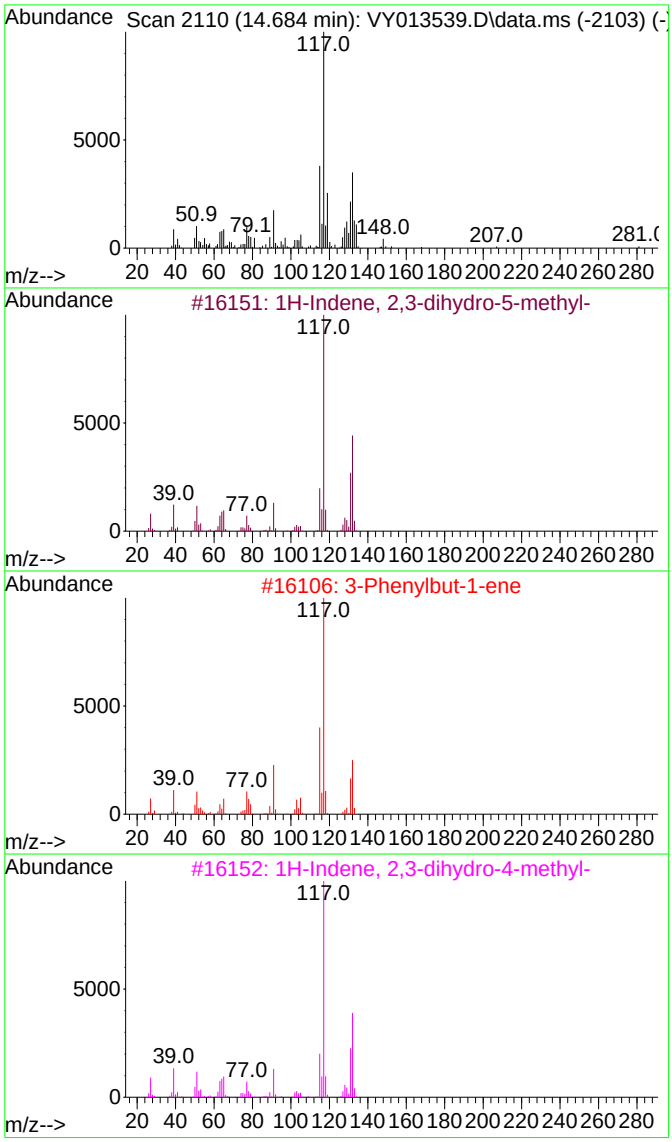
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

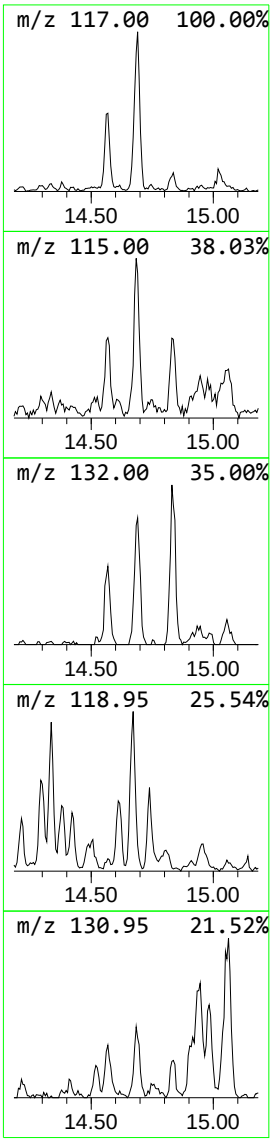
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.684 | 13.55 ug/l | 117410 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 76 |
| 2 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 70 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 68 |
| 4 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 64 |
| 5 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
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Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

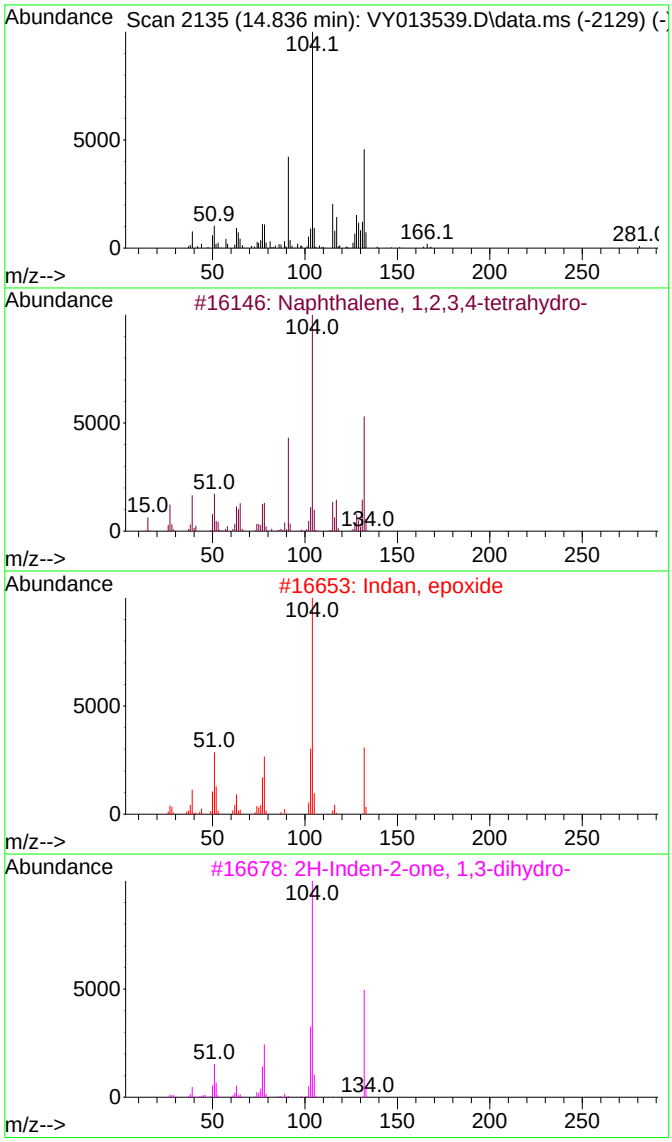
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

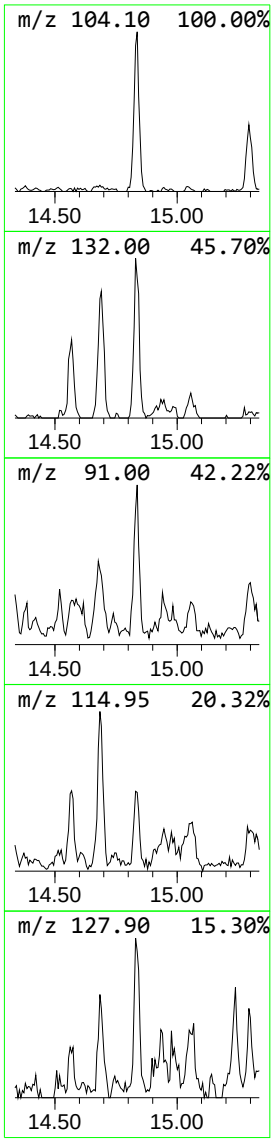
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.836 | 8.08 ug/l | 70019 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 95 |
| 2 | Indan, epoxide | 132 | C9H8O | 000768-22-9 | 49 |
| 3 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 49 |
| 4 | 2-Azetidinone, 4-phenyl- | 147 | C9H9NO | 005661-55-2 | 35 |
| 5 | 2-Phenylethylamine, N,N-di(trifl... | 313 | C12H9F6NO2 | 1000463-67-7 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

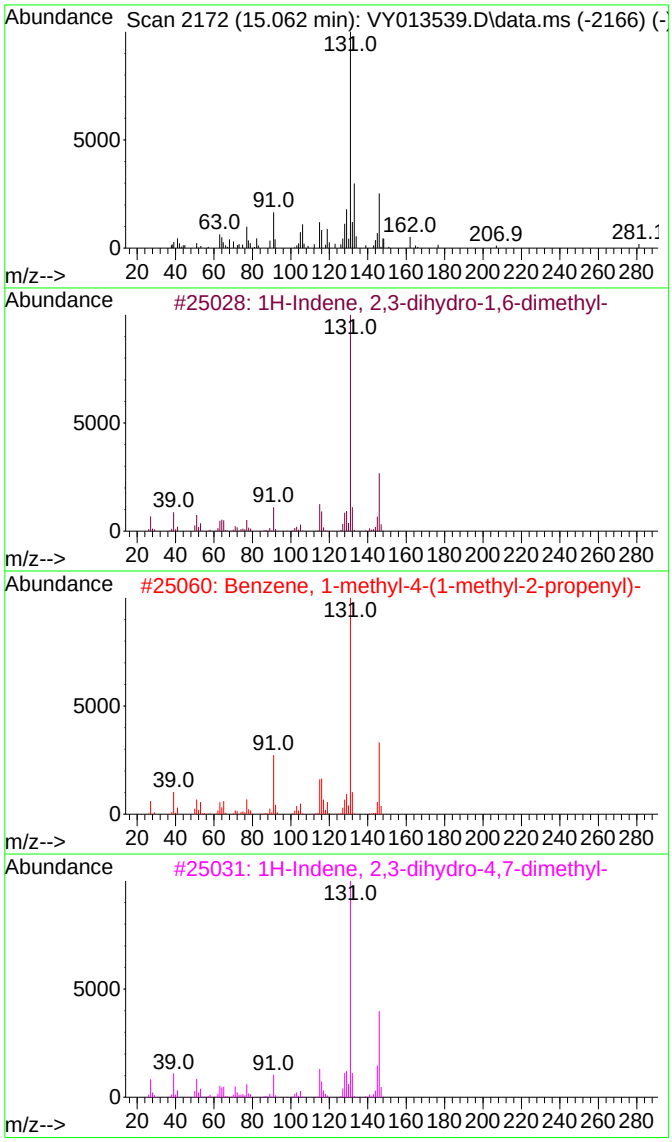
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

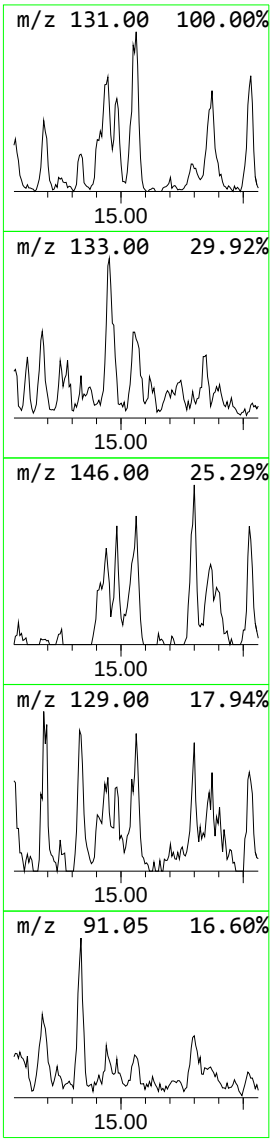
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.062 | 6.13 ug/l | 53150 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 93 |
| 2 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 76 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 76 |
| 4 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 76 |
| 5 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 76 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

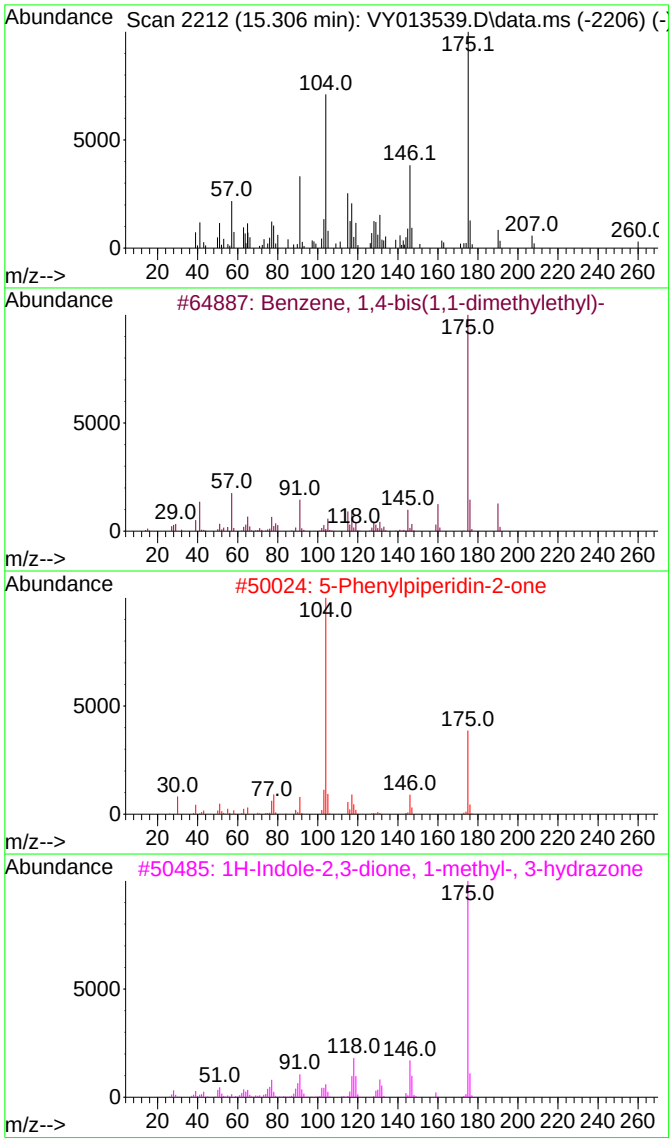
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

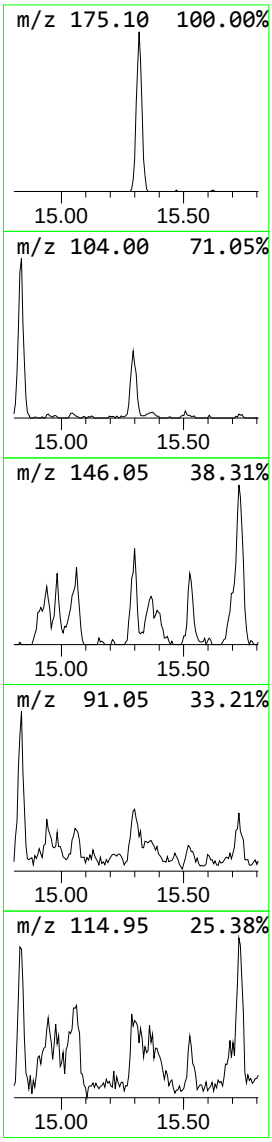
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.306 | 7.46 ug/l | 64638 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-bis(1,1-dimethyleth... | 190 | C14H22 | 001012-72-2 | 60 |
| 2 | 5-Phenylpiperidin-2-one | 175 | C11H13NO | 003973-63-5 | 50 |
| 3 | 1H-Indole-2,3-dione, 1-methyl-, ... | 175 | C9H9N3O | 003265-23-4 | 49 |
| 4 | 4(3H)-Quinazolinone, 3-amino-2-m... | 175 | C9H9N3O | 001898-06-2 | 47 |
| 5 | Methanamine, 5-phenyl-1,3,4-oxad... | 175 | C9H9N3O | 046182-58-5 | 47 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

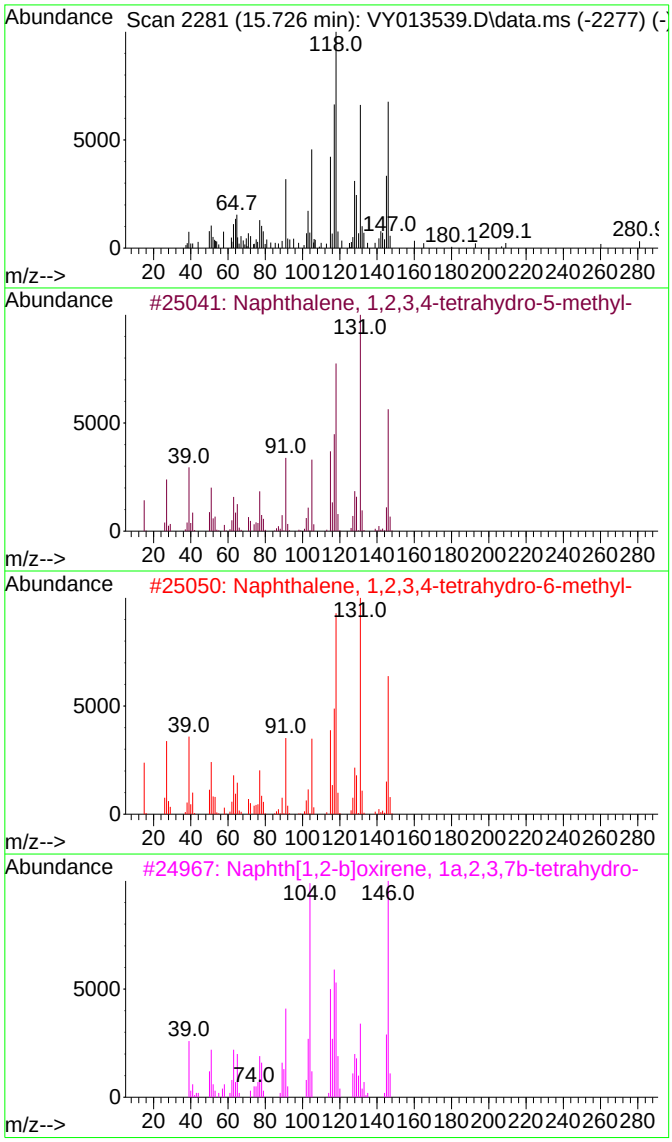
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

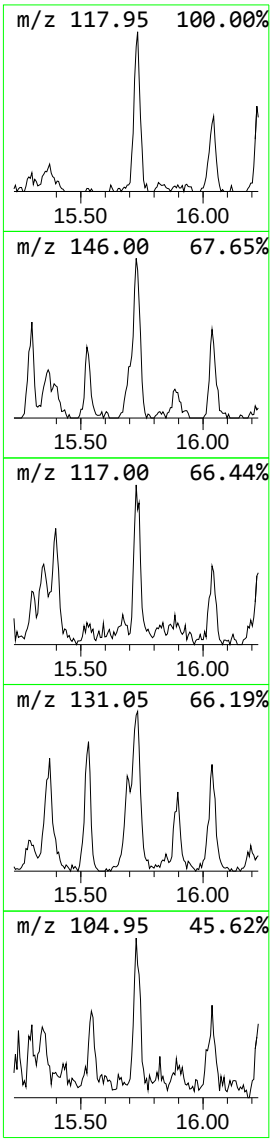
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.726 | 8.29 ug/l | 71863 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 87 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 76 |
| 3 | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 | C10H10O | 002461-34-9 | 58 |
| 4 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 42 |
| 5 | 2,5-Dimethylbenzyl cyanide | 145 | C10H11N | 016213-85-7 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

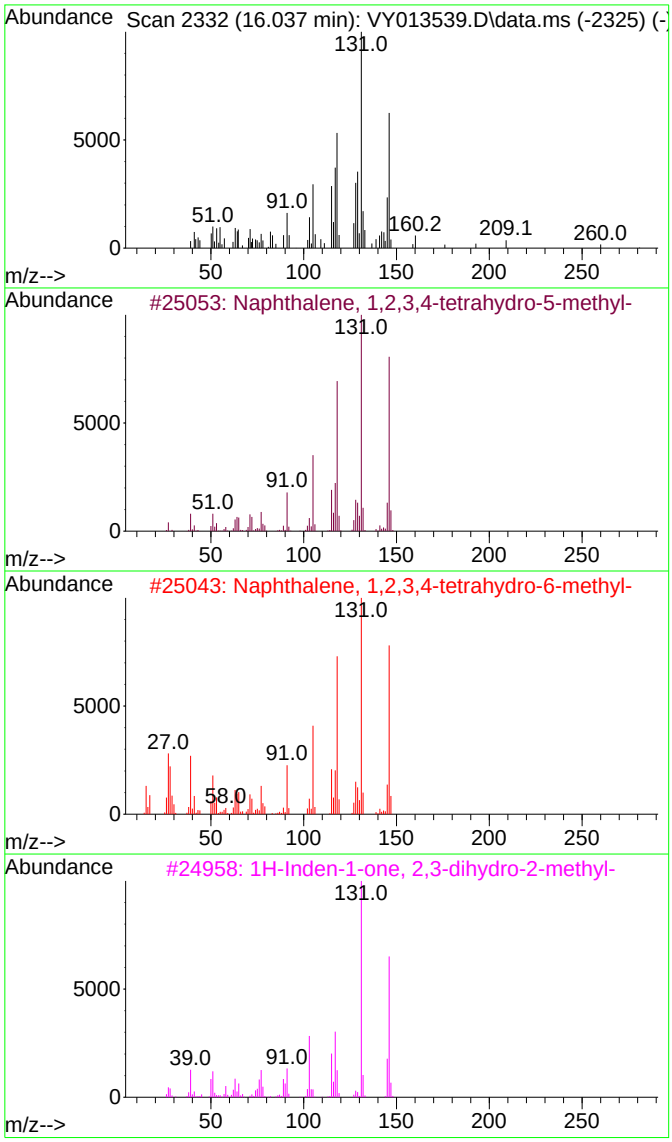
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

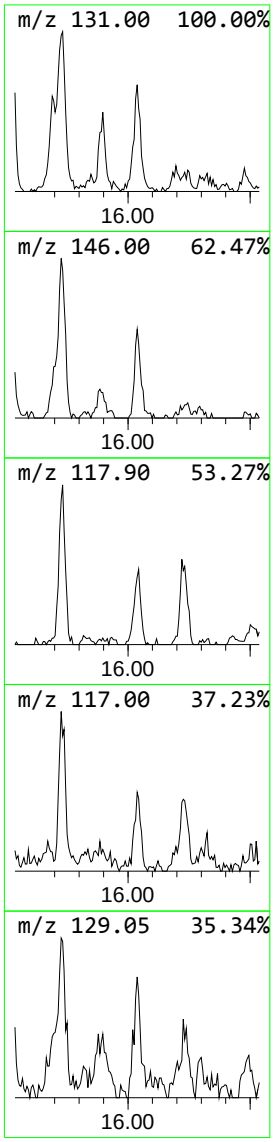
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.037 | 5.36 ug/l | 46484 | 1,4-Dichlorobenzene-d4 | 13.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 74 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 64 |
| 3 | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 53 |
| 4 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 52 |
| 5 | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14 | 1010189-31-0 | 52 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
Data File : VY013539.D
Acq On : 01 May 2023 15:09
Operator : KP/MD
Sample : 02554-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TR-04-42823

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.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-prop... | 13.623 | 7.1 | ug/l | 61830 | 4 | 13.428 | 433260 | 50.0 |
| Benzene, 1,4-di... | 13.666 | 5.7 | ug/l | 49549 | 4 | 13.428 | 433260 | 50.0 |
| Benzene, 1-ethy... | 13.971 | 8.4 | ug/l | 73059 | 4 | 13.428 | 433260 | 50.0 |
| Benzene, 2-bute... | 14.080 | 6.1 | ug/l | 53000 | 4 | 13.428 | 433260 | 50.0 |
| 1H-Indene, 2,3-... | 14.684 | 13.6 | ug/l | 117410 | 4 | 13.428 | 433260 | 50.0 |
| Naphthalene, 1,... | 14.836 | 8.1 | ug/l | 70019 | 4 | 13.428 | 433260 | 50.0 |
| 1H-Indene, 2,3-... | 15.062 | 6.1 | ug/l | 53150 | 4 | 13.428 | 433260 | 50.0 |
| Benzene, 1,4-bi... | 15.306 | 7.5 | ug/l | 64638 | 4 | 13.428 | 433260 | 50.0 |
| Naphthalene, 1,... | 15.726 | 8.3 | ug/l | 71863 | 4 | 13.428 | 433260 | 50.0 |
| Naphthalene, 1,... | 16.037 | 5.4 | ug/l | 46484 | 4 | 13.428 | 433260 | 50.0 |