LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

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\82Y060225S.M
Title : SW846 8260

Signal : TIC: VY022592.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.080 | 49 | 59 | 61 | rBV2 | 11924 | 27468 | 6.07% | 0.514% |
| 2 | 2.166 | 68 | 73 | 84 | rBV2 | 31652 | 61647 | 13.62% | 1.153% |
| 3 | 2.458 | 117 | 121 | 129 | rVV4 | 9824 | 22734 | 5.02% | 0.425% |
| 4 | 3.940 | 357 | 364 | 370 | rVB5 | 3074 | 7544 | 1.67% | 0.141% |
| 5 | 7.628 | 960 | 969 | 975 | rBV2 | 63362 | 153017 | 33.80% | 2.863% |
| 6 | 7.707 | 975 | 982 | 997 | rVB | 116267 | 270362 | 59.71% | 5.058% |
| 7 | 8.061 | 1031 | 1040 | 1052 | rBV2 | 58117 | 132758 | 29.32% | 2.484% |
| 8 | 8.610 | 1122 | 1130 | 1140 | rBV | 176046 | 349632 | 77.22% | 6.541% |
| 9 | 9.103 | 1206 | 1211 | 1218 | rVB5 | 3339 | 6834 | 1.51% | 0.128% |
| 10 | 10.103 | 1366 | 1375 | 1383 | rBV | 263664 | 452764 | 100.00% | 8.471% |
| 11 | 10.170 | 1383 | 1386 | 1393 | rVB | 5353 | 7855 | 1.73% | 0.147% |
| 12 | 10.542 | 1442 | 1447 | 1453 | rVB4 | 3850 | 7881 | 1.74% | 0.147% |
| 13 | 10.963 | 1507 | 1516 | 1521 | rVV5 | 8219 | 17660 | 3.90% | 0.330% |
| 14 | 11.219 | 1551 | 1558 | 1565 | rVB6 | 3073 | 6121 | 1.35% | 0.115% |
| 15 | 11.414 | 1583 | 1590 | 1600 | rBV | 207090 | 337735 | 74.59% | 6.319% |
| 16 | 11.518 | 1600 | 1607 | 1611 | rBV2 | 14438 | 24451 | 5.40% | 0.457% |
| 17 | 11.621 | 1616 | 1624 | 1635 | rVV | 74474 | 148488 | 32.80% | 2.778% |
| 18 | 11.707 | 1635 | 1638 | 1642 | rVB4 | 3680 | 5198 | 1.15% | 0.097% |
| 19 | 11.950 | 1667 | 1678 | 1687 | rBV2 | 41932 | 90114 | 19.90% | 1.686% |
| 20 | 12.085 | 1696 | 1700 | 1703 | rBV4 | 7634 | 11627 | 2.57% | 0.218% |
| 21 | 12.121 | 1703 | 1706 | 1709 | rVV4 | 4383 | 6493 | 1.43% | 0.121% |
| 22 | 12.176 | 1709 | 1715 | 1724 | rVV6 | 11369 | 26771 | 5.91% | 0.501% |
| 23 | 12.249 | 1724 | 1727 | 1732 | rVB3 | 6019 | 8471 | 1.87% | 0.158% |
| 24 | 12.402 | 1746 | 1752 | 1759 | rBV | 128530 | 197158 | 43.55% | 3.689% |
| 25 | 12.591 | 1775 | 1783 | 1787 | rVB2 | 12141 | 24591 | 5.43% | 0.460% |
| 26 | 12.658 | 1787 | 1794 | 1797 | rBV | 53791 | 92341 | 20.39% | 1.728% |
| 27 | 12.688 | 1797 | 1799 | 1802 | rVV | 27549 | 36215 | 8.00% | 0.678% |
| 28 | 12.731 | 1802 | 1806 | 1811 | rVV | 53117 | 82764 | 18.28% | 1.548% |
| 29 | 12.780 | 1811 | 1814 | 1818 | rVB4 | 6552 | 7967 | 1.76% | 0.149% |
| 30 | 12.889 | 1825 | 1832 | 1837 | rBV | 23674 | 41877 | 9.25% | 0.783% |
| 31 | 12.962 | 1840 | 1844 | 1850 | rVB6 | 10626 | 20214 | 4.46% | 0.378% |
| 32 | 13.036 | 1850 | 1856 | 1863 | rBV | 136936 | 215767 | 47.66% | 4.037% |
| 33 | 13.170 | 1872 | 1878 | 1881 | rBV4 | 10789 | 17520 | 3.87% | 0.328% |
| 34 | 13.231 | 1882 | 1888 | 1893 | rBV4 | 20393 | 36753 | 8.12% | 0.688% |
| 35 | 13.286 | 1893 | 1897 | 1900 | rBV3 | 11465 | 14436 | 3.19% | 0.270% |
| 36 | 13.340 | 1900 | 1906 | 1909 | rBV | 113433 | 180199 | 39.80% | 3.371% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

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\82Y060225S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.371 | 1909 | 1911 | 1917 | rVB | 67022 | 90808 | 20.06% | 1.699% |
| 38 | 13.450 | 1919 | 1924 | 1926 | rBV4 | 6383 | 11587 | 2.56% | 0.217% |
| 39 | 13.542 | 1931 | 1939 | 1943 | rBV | 44871 | 78924 | 17.43% | 1.477% |
| 40 | 13.584 | 1943 | 1946 | 1954 | rVB4 | 29432 | 58393 | 12.90% | 1.092% |
| 41 | 13.664 | 1954 | 1959 | 1966 | rBV5 | 35475 | 62876 | 13.89% | 1.176% |
| 42 | 13.737 | 1968 | 1971 | 1977 | rBV | 11498 | 18989 | 4.19% | 0.355% |
| 43 | 13.798 | 1978 | 1981 | 1984 | rVV2 | 19659 | 28029 | 6.19% | 0.524% |
| 44 | 13.834 | 1984 | 1987 | 1991 | rVB2 | 23214 | 30814 | 6.81% | 0.577% |
| 45 | 13.889 | 1991 | 1996 | 2000 | rVB2 | 37086 | 56381 | 12.45% | 1.055% |
| 46 | 13.944 | 2003 | 2005 | 2008 | rVB3 | 5755 | 5203 | 1.15% | 0.097% |
| 47 | 13.993 | 2008 | 2013 | 2018 | rBV2 | 59114 | 93768 | 20.71% | 1.754% |
| 48 | 14.042 | 2018 | 2021 | 2029 | rVB8 | 20902 | 41218 | 9.10% | 0.771% |
| 49 | 14.127 | 2029 | 2035 | 2039 | rBV4 | 22857 | 40864 | 9.03% | 0.765% |
| 50 | 14.176 | 2039 | 2043 | 2044 | rVV3 | 25015 | 35958 | 7.94% | 0.673% |
| 51 | 14.200 | 2044 | 2047 | 2052 | rVV3 | 35963 | 68495 | 15.13% | 1.281% |
| 52 | 14.249 | 2052 | 2055 | 2059 | rVB | 21814 | 29329 | 6.48% | 0.549% |
| 53 | 14.304 | 2059 | 2064 | 2067 | rBV3 | 27089 | 47609 | 10.52% | 0.891% |
| 54 | 14.334 | 2067 | 2069 | 2072 | rVV3 | 20764 | 24738 | 5.46% | 0.463% |
| 55 | 14.389 | 2074 | 2078 | 2082 | rVV7 | 13999 | 27037 | 5.97% | 0.506% |
| 56 | 14.432 | 2083 | 2085 | 2090 | rVB5 | 11091 | 15403 | 3.40% | 0.288% |
| 57 | 14.480 | 2090 | 2093 | 2098 | rBV4 | 16257 | 31290 | 6.91% | 0.585% |
| 58 | 14.529 | 2098 | 2101 | 2105 | rVB4 | 26352 | 34810 | 7.69% | 0.651% |
| 59 | 14.590 | 2105 | 2111 | 2117 | rBV4 | 61366 | 143756 | 31.75% | 2.690% |
| 60 | 14.645 | 2117 | 2120 | 2125 | rVB5 | 22433 | 36801 | 8.13% | 0.689% |
| 61 | 14.749 | 2132 | 2137 | 2141 | rBV | 99265 | 159782 | 35.29% | 2.989% |
| 62 | 14.785 | 2141 | 2143 | 2148 | rVV4 | 27899 | 38489 | 8.50% | 0.720% |
| 63 | 14.852 | 2150 | 2154 | 2158 | rVV4 | 38577 | 60938 | 13.46% | 1.140% |
| 64 | 14.907 | 2158 | 2163 | 2167 | rVV8 | 20856 | 51083 | 11.28% | 0.956% |
| 65 | 14.968 | 2167 | 2173 | 2178 | rVB3 | 32066 | 74006 | 16.35% | 1.385% |
| 66 | 15.096 | 2192 | 2194 | 2195 | rBV2 | 7382 | 5669 | 1.25% | 0.106% |
| 67 | 15.194 | 2203 | 2210 | 2215 | rBV4 | 57847 | 121308 | 26.79% | 2.270% |
| 68 | 15.267 | 2215 | 2222 | 2230 | rVB4 | 41997 | 135304 | 29.88% | 2.531% |
| 69 | 15.334 | 2231 | 2233 | 2239 | rBV7 | 6726 | 9112 | 2.01% | 0.170% |
| 70 | 15.572 | 2269 | 2272 | 2273 | rBV3 | 10035 | 11305 | 2.50% | 0.212% |
| 71 | 15.627 | 2276 | 2281 | 2287 | rVB3 | 65404 | 120055 | 26.52% | 2.246% |
| 72 | 15.925 | 2324 | 2330 | 2336 | rVB4 | 43482 | 88239 | 19.49% | 1.651% |
| 73 | 16.114 | 2355 | 2361 | 2366 | rBV | 43475 | 92169 | 20.36% | 1.724% |
| 74 | 16.181 | 2368 | 2372 | 2381 | rVB4 | 18634 | 59578 | 13.16% | 1.115% |
| 75 | 16.352 | 2396 | 2400 | 2409 | rBV4 | 21192 | 53426 | 11.80% | 1.000% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

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\82Y060225S.M
Title : SW846 8260

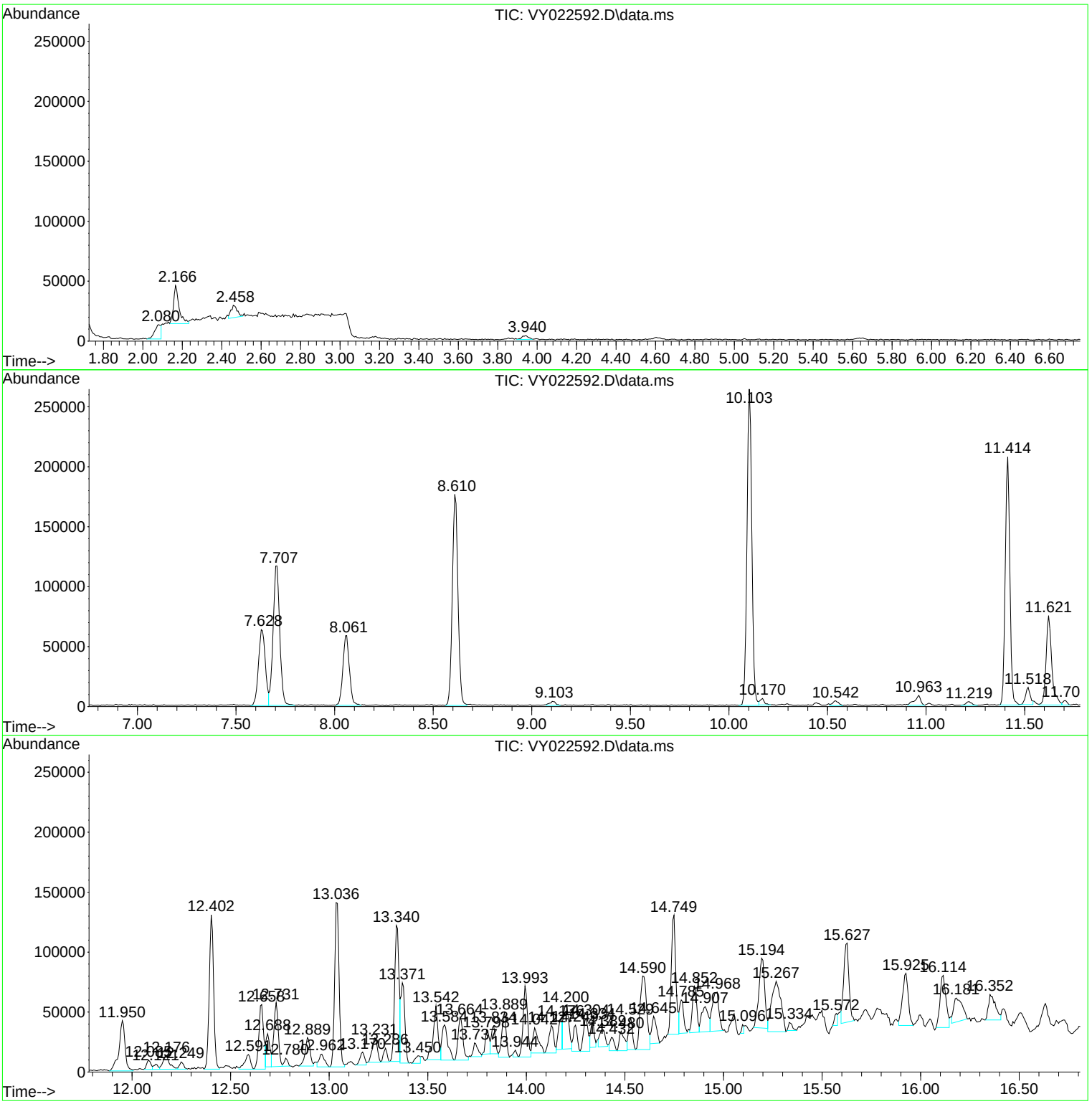
Sum of corrected areas: 5344970

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

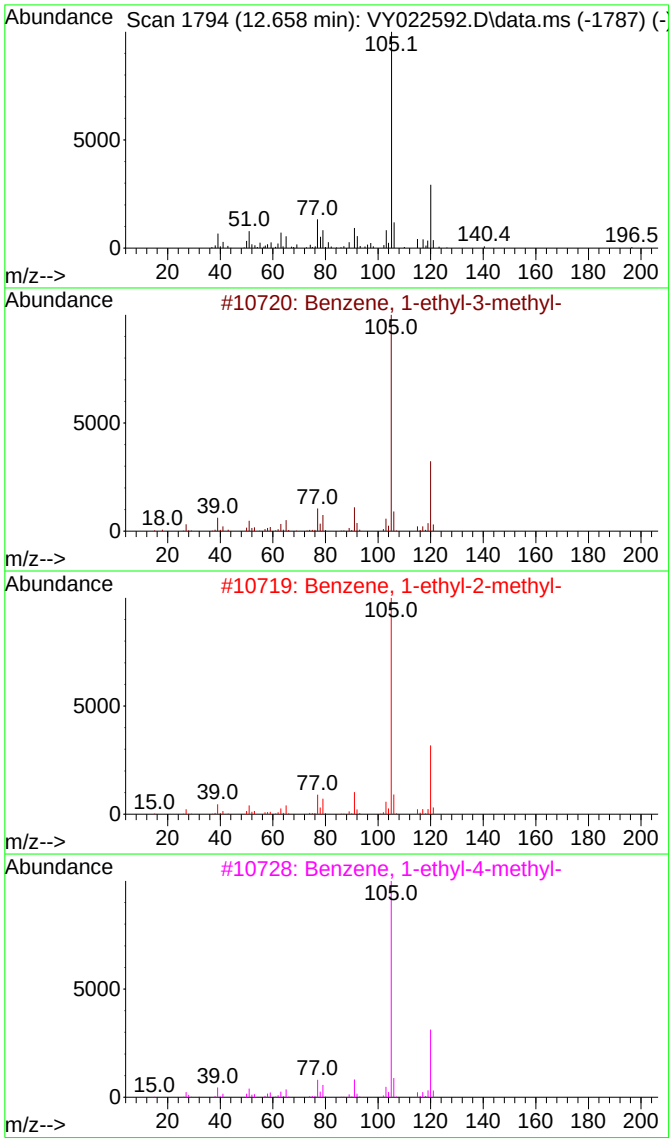
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

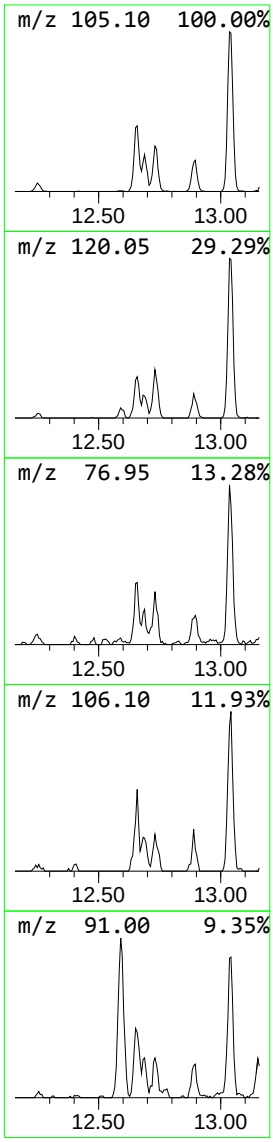
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.658 | 25.62 ug/l | 92341 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 87 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

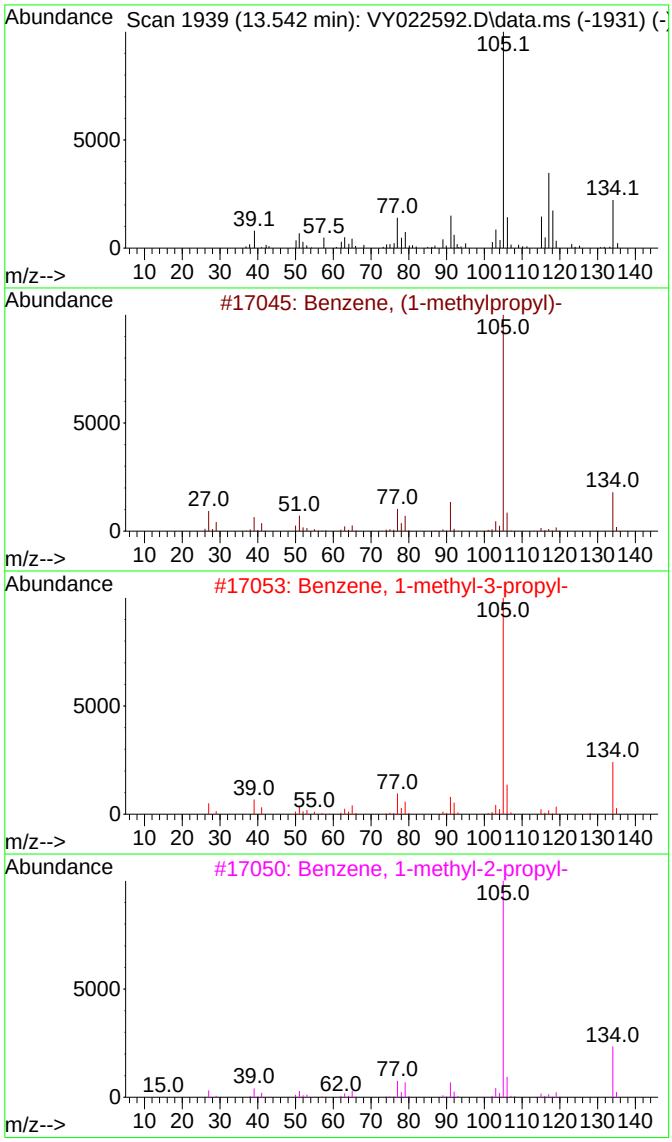
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

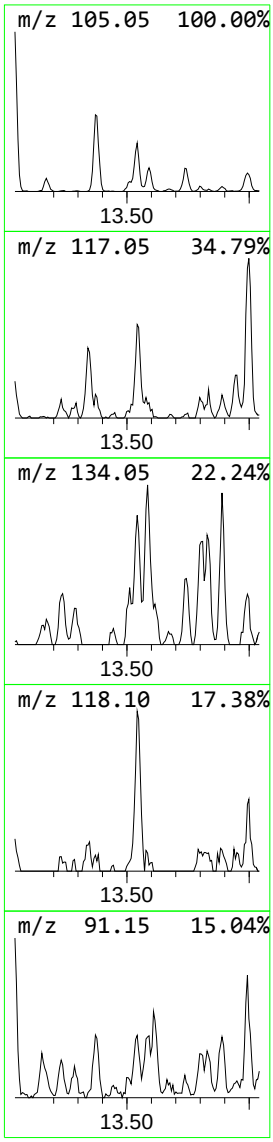
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, (1-methylpropyl)- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.542 | 21.90 ug/l | 78924 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 60 |
| 2 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 60 |
| 3 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 53 |
| 4 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 49 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 49 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

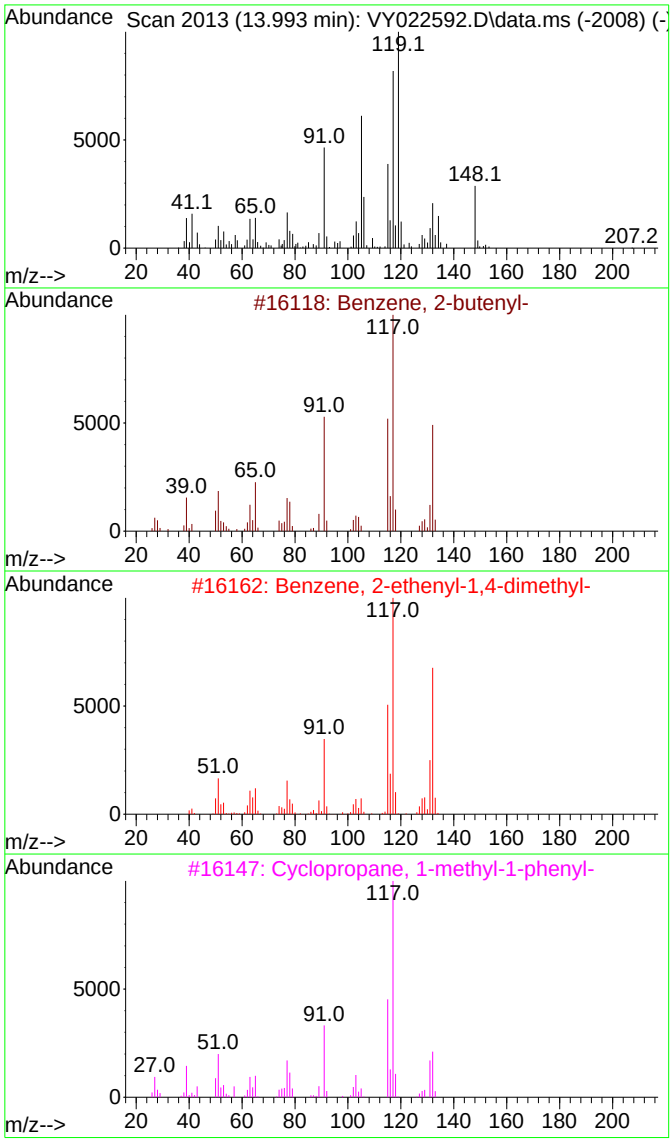
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

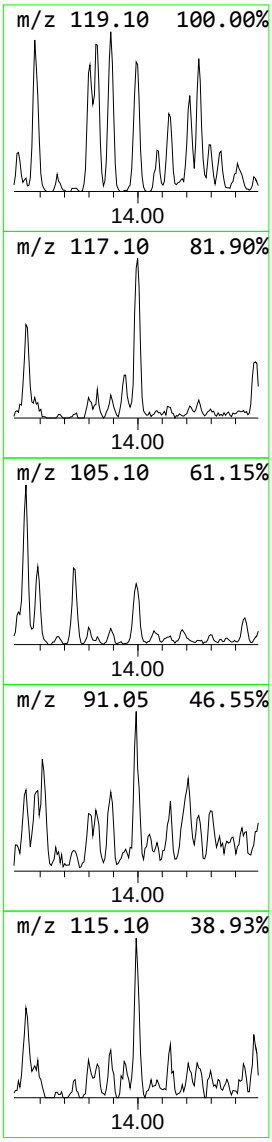
**********

Peak Number 3 Benzene, 2-butenyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.993 | 26.02 ug/l | 93768 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 90 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 87 |
| 3 | Cyclopropane, 1-methyl-1-phenyl- | 132 | C10H12 | 002214-14-4 | 64 |
| 4 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 64 |
| 5 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

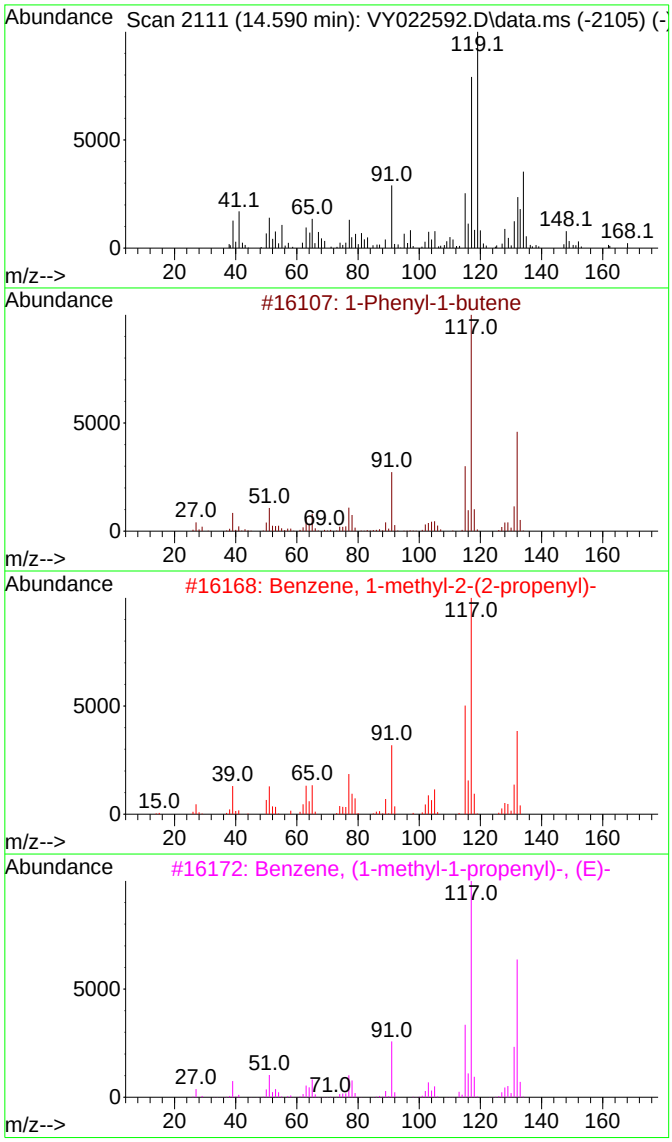
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

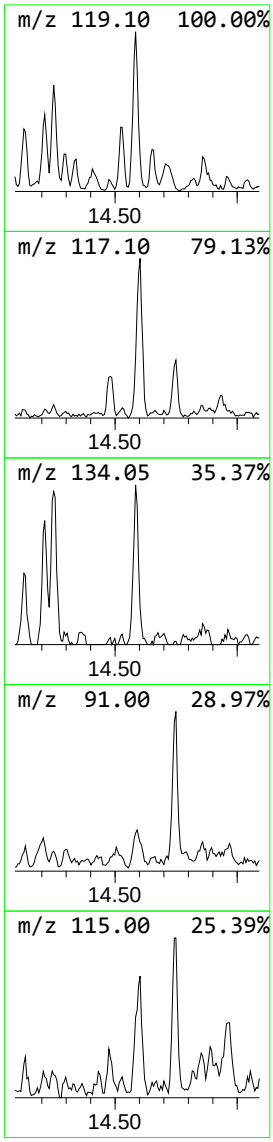
**********

Peak Number 4 1-Phenyl-1-butene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.590 | 39.89 ug/l | 143756 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |
| 2 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 83 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 70 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 55 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 55 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

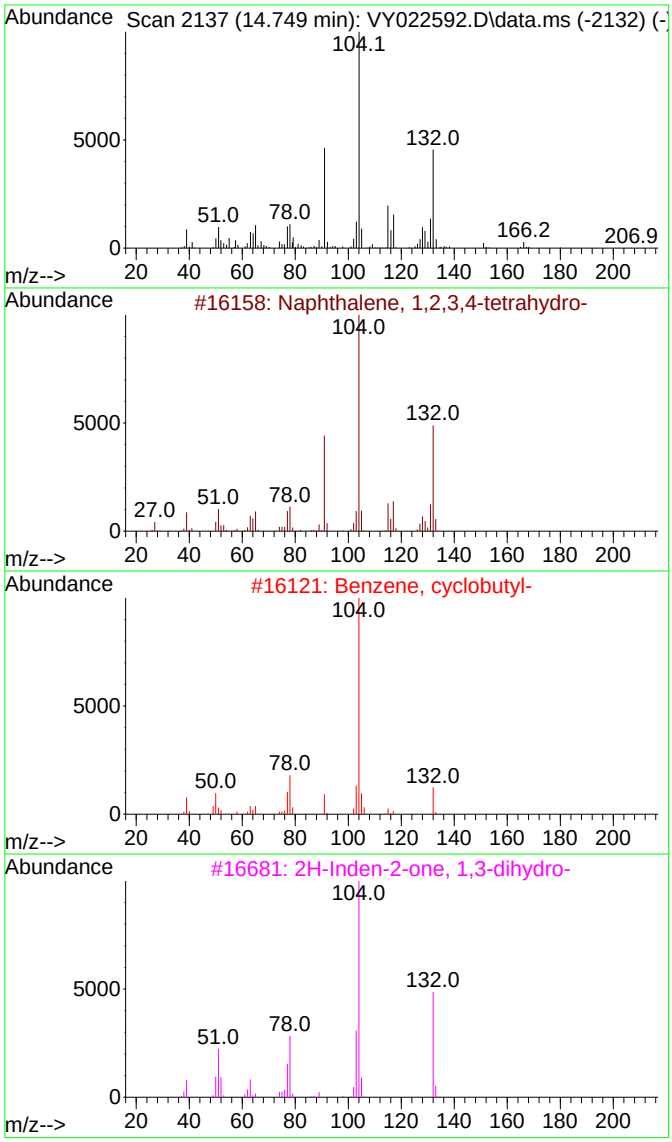
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

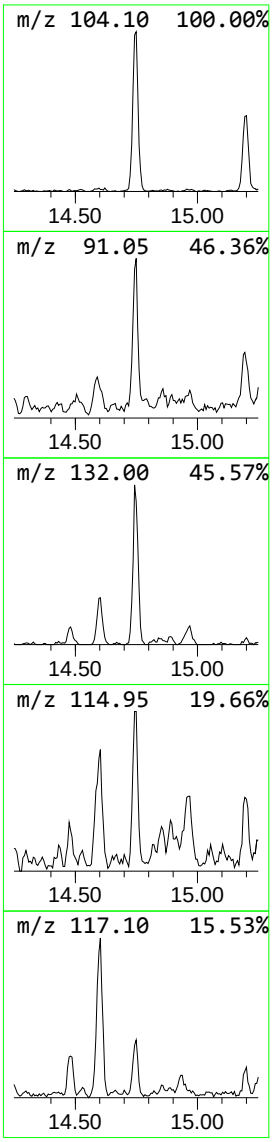
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.749 | 44.33 ug/l | 159782 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 93 |
| 2 | Benzene, cyclobutyl- | 132 | C10H12 | 004392-30-7 | 50 |
| 3 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 47 |
| 4 | Benzene, 3-cyclohexen-1-yl- | 158 | C12H14 | 004994-16-5 | 43 |
| 5 | Isoquinoline, 1,2,3,4-tetrahydro- | 133 | C9H11N | 000091-21-4 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

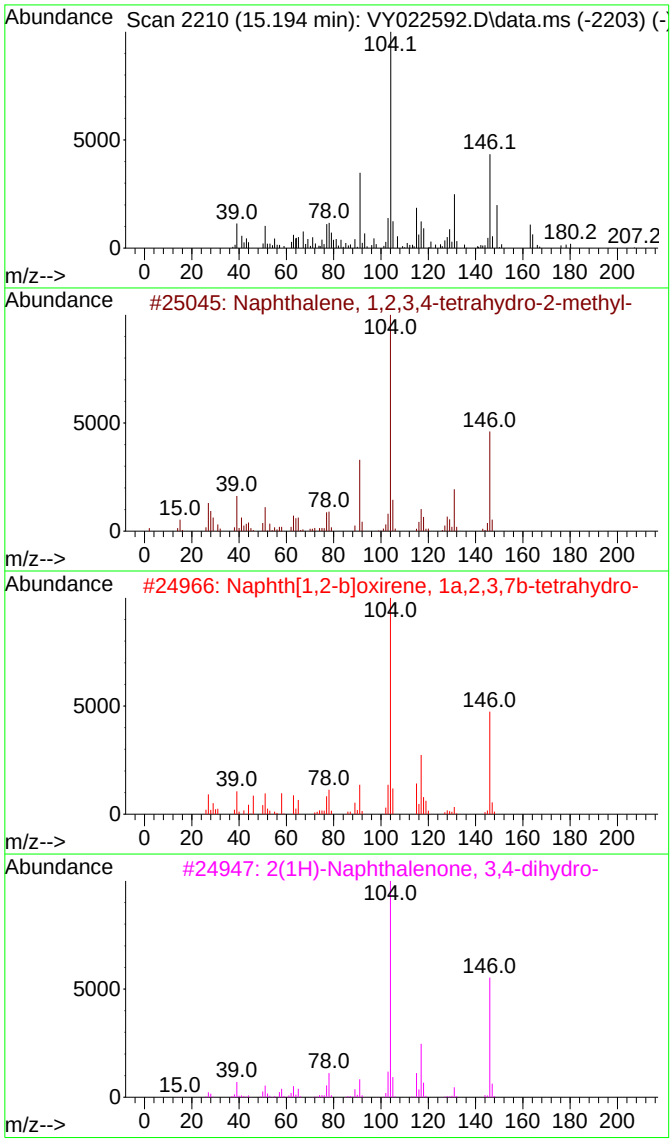
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

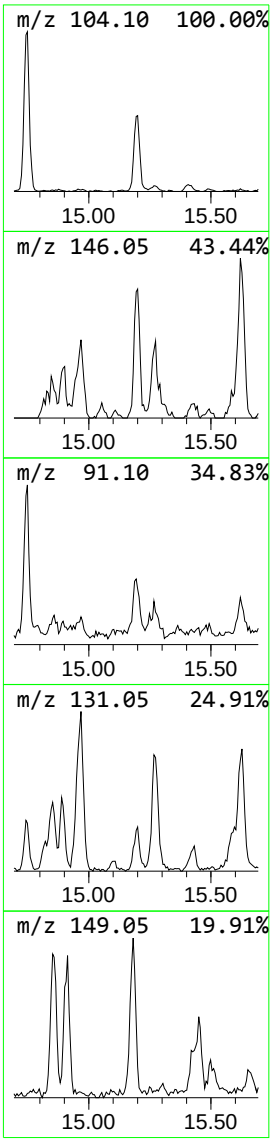
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.194 | 33.66 ug/l | 121308 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 90 |
| 2 | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 | C10H10O | 002461-34-9 | 64 |
| 3 | 2(1H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000530-93-8 | 58 |
| 4 | Naphthalene, 2-ethyl-1,2,3,4-tet... | 160 | C12H16 | 032367-54-7 | 38 |
| 5 | 5,5-Dimethyl-4-phenyldihydrofura... | 190 | C12H14O2 | 013133-96-5 | 35 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

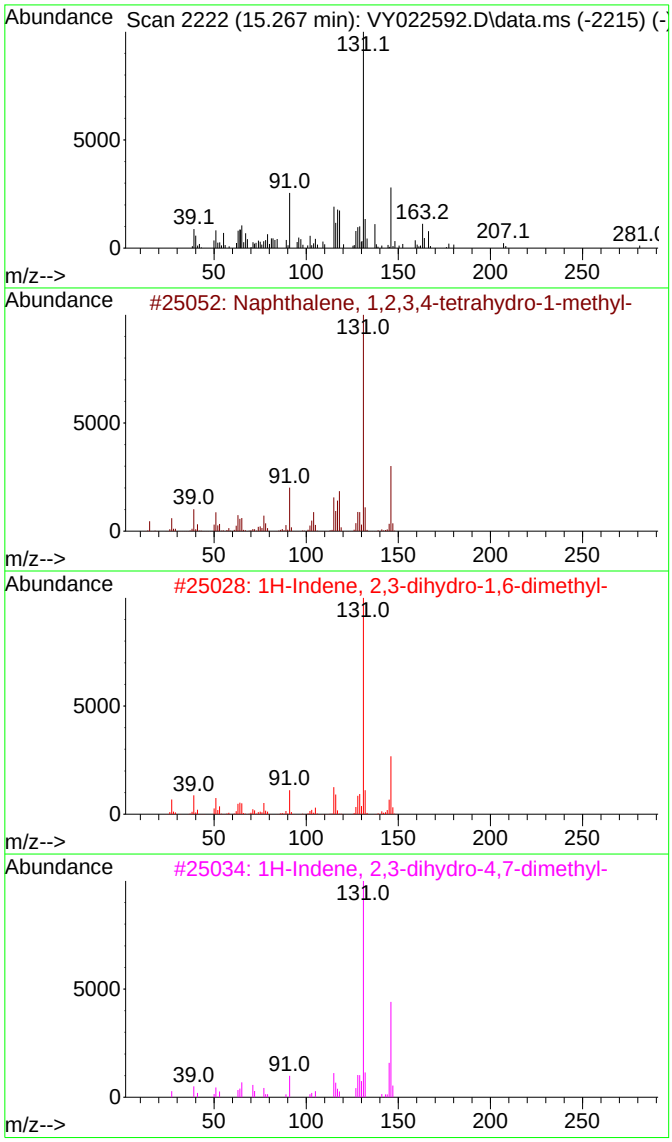
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

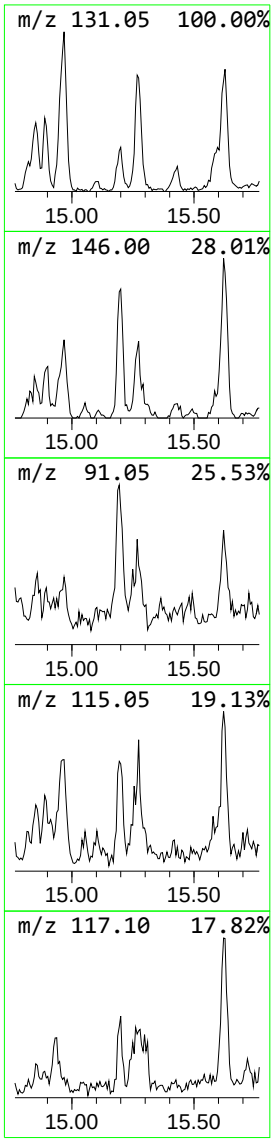
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.267 | 37.54 ug/l | 135304 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 87 |
| 2 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 81 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 81 |
| 4 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 81 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 74 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

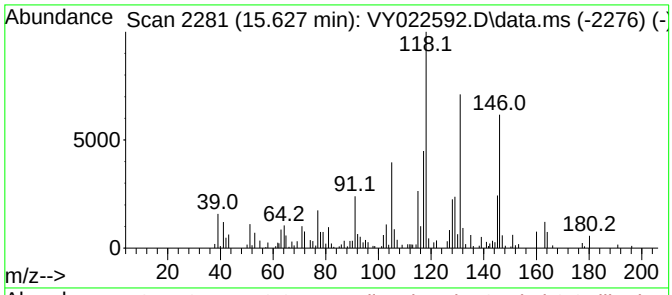
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

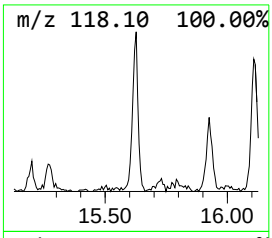
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

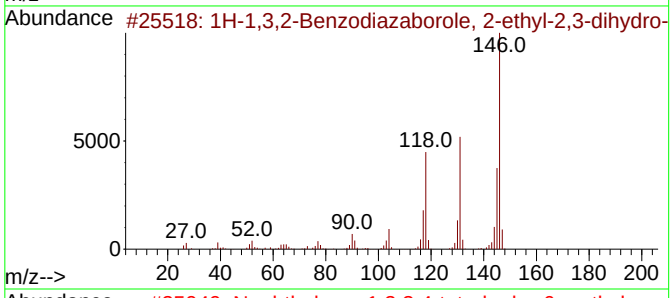
**********
Peak Number 8 1H-1,3,2-Benzodiazaborole, ... Concentration Rank 5

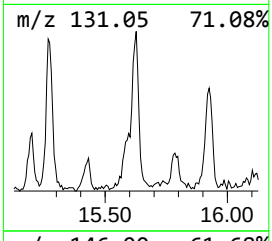
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.627 | 33.31 ug/l | 120055 | 1,4-Dichlorobenzene-d4 | 13.341 |

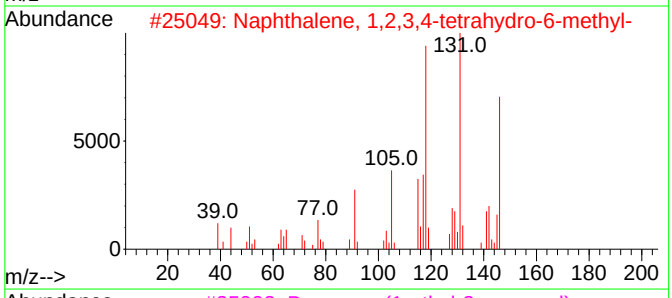
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3 | 90 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 81 |
| 3 | Benzene, (1-ethyl-2-propenyl)- | 146 | C11H14 | 019947-22-9 | 81 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 76 |
| 5 | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14 | 1010189-31-0 | 64 |

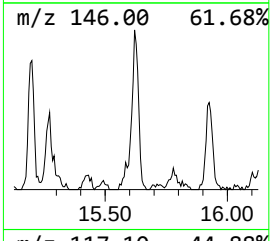


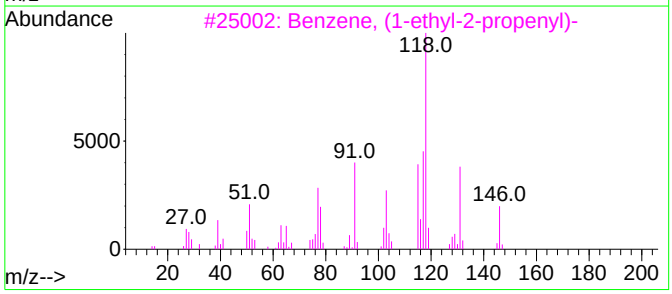



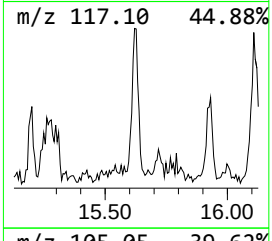



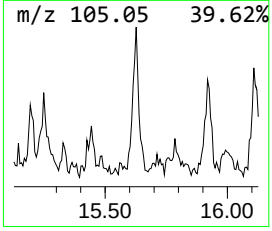



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

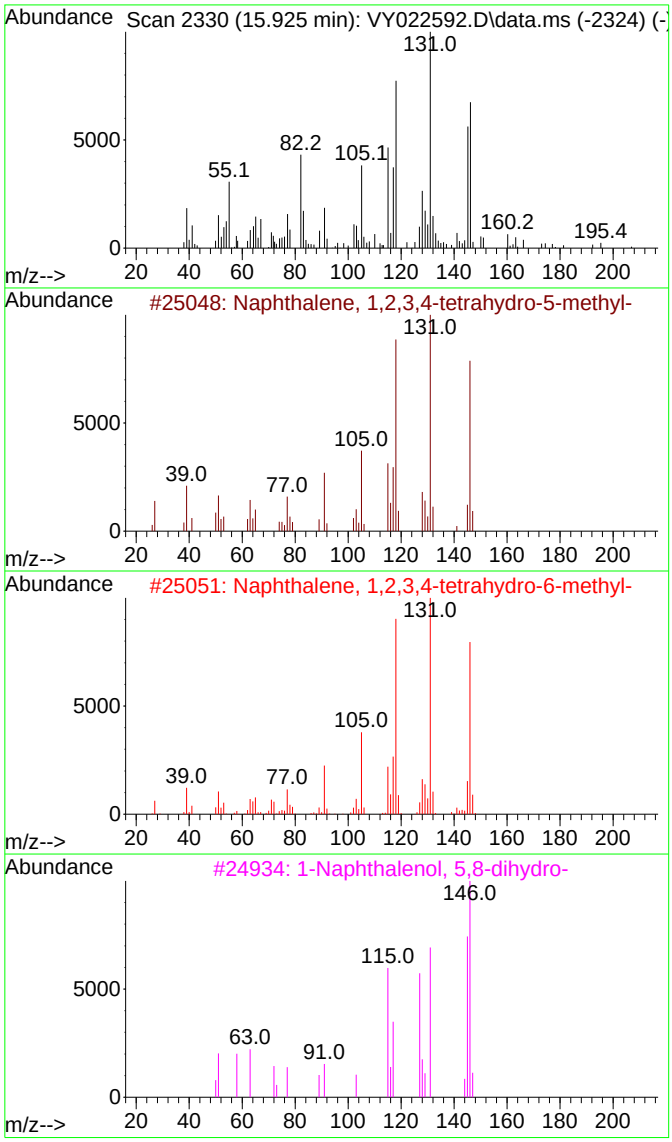
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

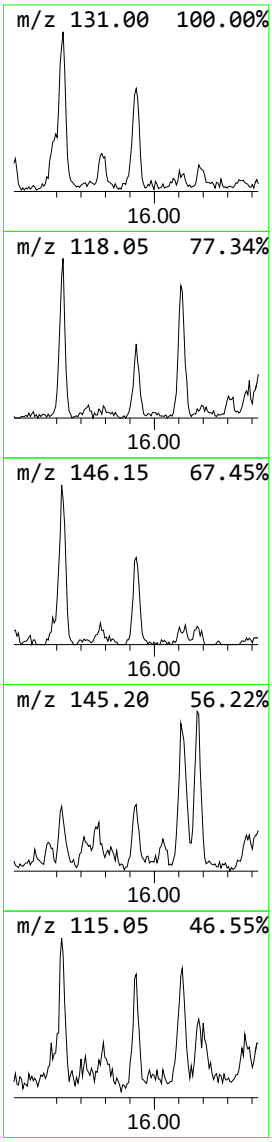
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.925 | 24.48 ug/l | 88239 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 70 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 62 |
| 3 | 1-Naphthalenol, 5,8-dihydro- | 146 | C10H10O | 027673-48-9 | 50 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 50 |
| 5 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 46 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

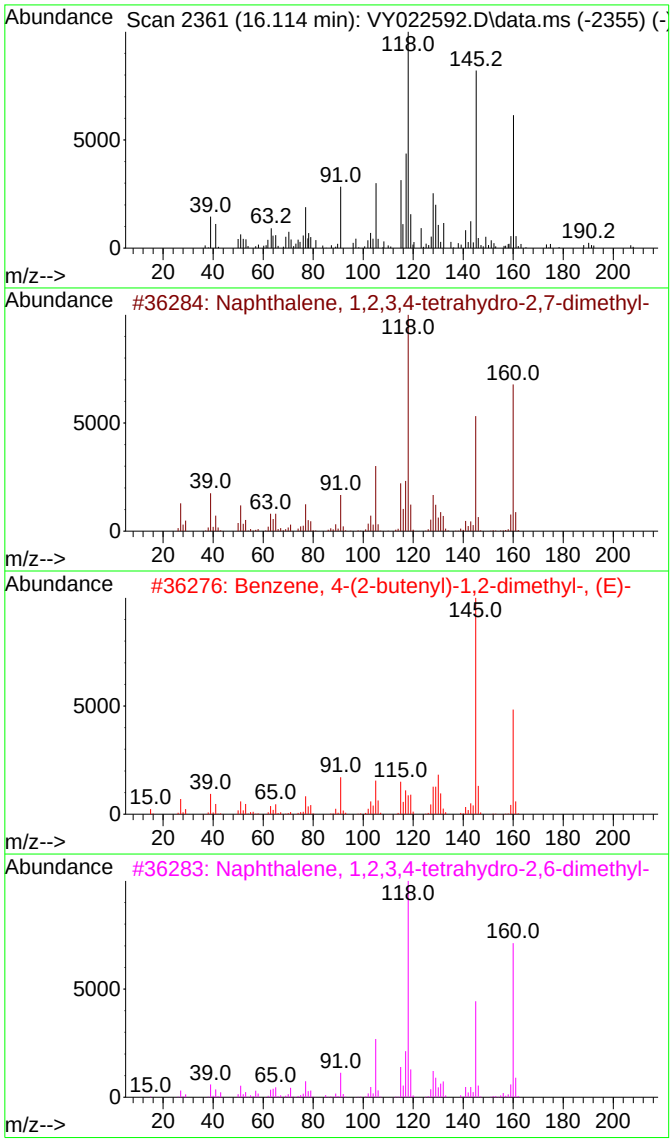
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260

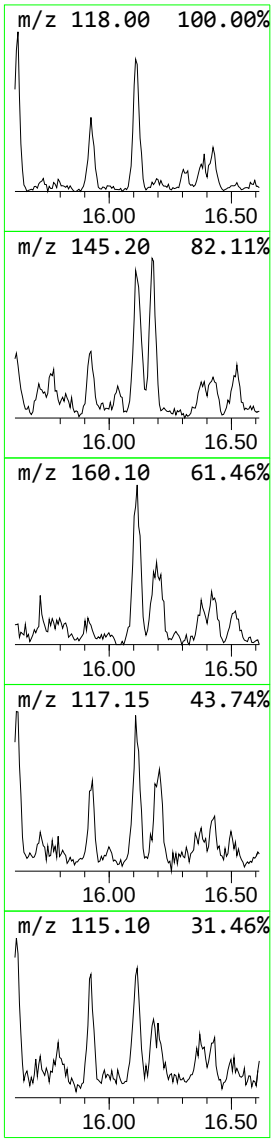
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.114 | 25.57 ug/l | 92169 | 1,4-Dichlorobenzene-d4 | 13.341 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 72 |
| 2 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 53 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 007524-63-2 | 49 |
| 4 | Benzene, 4-chloro-2-fluoro-1-met... | 160 | C7H6ClFO | 000452-09-5 | 45 |
| 5 | 1H-Indene, 2,3-dihydro-1,5,7-tri... | 160 | C12H16 | 054340-88-4 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022592.D
Acq On : 06 Jun 2025 12:03
Operator : SY/MD
Sample : Q2214-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
RBR251425

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.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-ethy... | 12.658 | 25.6 | ug/l | 92341 | 4 | 13.341 | 180199 | 50.0 |
| Benzene, (1-met... | 13.542 | 21.9 | ug/l | 78924 | 4 | 13.341 | 180199 | 50.0 |
| Benzene, 2-bute... | 13.993 | 26.0 | ug/l | 93768 | 4 | 13.341 | 180199 | 50.0 |
| 1-Phenyl-1-butene | 14.590 | 39.9 | ug/l | 143756 | 4 | 13.341 | 180199 | 50.0 |
| Naphthalene, 1,... | 14.749 | 44.3 | ug/l | 159782 | 4 | 13.341 | 180199 | 50.0 |
| Naphthalene, 1,... | 15.194 | 33.7 | ug/l | 121308 | 4 | 13.341 | 180199 | 50.0 |
| Naphthalene, 1,... | 15.267 | 37.5 | ug/l | 135304 | 4 | 13.341 | 180199 | 50.0 |
| 1H-1,3,2-Benzod... | 15.627 | 33.3 | ug/l | 120055 | 4 | 13.341 | 180199 | 50.0 |
| Naphthalene, 1,... | 15.925 | 24.5 | ug/l | 88239 | 4 | 13.341 | 180199 | 50.0 |
| Naphthalene, 1,... | 16.114 | 25.6 | ug/l | 92169 | 4 | 13.341 | 180199 | 50.0 |