LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

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\82Y100924S.M
Title : SW846 8260

Signal : TIC: VY019966.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.866 | 345 | 352 | 359 | rBV2 | 9523 | 25833 | 3.55% | 0.309% |
| 2 | 4.110 | 385 | 392 | 399 | rBV2 | 4290 | 10851 | 1.49% | 0.130% |
| 3 | 4.610 | 466 | 474 | 475 | rBV4 | 5076 | 8940 | 1.23% | 0.107% |
| 4 | 6.024 | 695 | 706 | 716 | rBV5 | 7763 | 28498 | 3.92% | 0.341% |
| 5 | 7.640 | 960 | 971 | 976 | rBV2 | 90121 | 221784 | 30.51% | 2.656% |
| 6 | 7.707 | 976 | 982 | 994 | rVB | 151485 | 347683 | 47.83% | 4.164% |
| 7 | 8.060 | 1033 | 1040 | 1052 | rBV | 87120 | 190661 | 26.23% | 2.283% |
| 8 | 8.615 | 1122 | 1131 | 1142 | rBV | 257858 | 508874 | 70.00% | 6.094% |
| 9 | 9.109 | 1200 | 1212 | 1218 | rBV4 | 15602 | 39588 | 5.45% | 0.474% |
| 10 | 9.383 | 1252 | 1257 | 1262 | rVB4 | 4178 | 8085 | 1.11% | 0.097% |
| 11 | 9.530 | 1276 | 1281 | 1289 | rVB7 | 5586 | 11482 | 1.58% | 0.138% |
| 12 | 9.633 | 1293 | 1298 | 1303 | rBV2 | 6663 | 12139 | 1.67% | 0.145% |
| 13 | 9.883 | 1329 | 1339 | 1343 | rBV6 | 6710 | 21340 | 2.94% | 0.256% |
| 14 | 9.987 | 1351 | 1356 | 1364 | rBV7 | 7376 | 16656 | 2.29% | 0.199% |
| 15 | 10.103 | 1368 | 1375 | 1392 | rVV | 402562 | 726914 | 100.00% | 8.706% |
| 16 | 10.280 | 1399 | 1404 | 1405 | rBV3 | 5532 | 8697 | 1.20% | 0.104% |
| 17 | 10.408 | 1417 | 1425 | 1428 | rBV6 | 5427 | 13060 | 1.80% | 0.156% |
| 18 | 10.444 | 1428 | 1431 | 1438 | rVV4 | 13062 | 22980 | 3.16% | 0.275% |
| 19 | 10.548 | 1438 | 1448 | 1452 | rVV9 | 9703 | 28214 | 3.88% | 0.338% |
| 20 | 10.639 | 1458 | 1463 | 1468 | rVB5 | 7801 | 13235 | 1.82% | 0.159% |
| 21 | 10.731 | 1473 | 1478 | 1485 | rVB2 | 19054 | 31447 | 4.33% | 0.377% |
| 22 | 10.804 | 1485 | 1490 | 1491 | rBV3 | 9991 | 13034 | 1.79% | 0.156% |
| 23 | 10.834 | 1491 | 1495 | 1501 | rVB2 | 12166 | 21648 | 2.98% | 0.259% |
| 24 | 10.895 | 1501 | 1505 | 1508 | rBV4 | 5039 | 8535 | 1.17% | 0.102% |
| 25 | 10.962 | 1512 | 1516 | 1520 | rVB2 | 17146 | 25060 | 3.45% | 0.300% |
| 26 | 11.017 | 1520 | 1525 | 1530 | rVB2 | 26224 | 45876 | 6.31% | 0.549% |
| 27 | 11.127 | 1537 | 1543 | 1547 | rBV3 | 14929 | 26172 | 3.60% | 0.313% |
| 28 | 11.200 | 1547 | 1555 | 1557 | rBV3 | 14727 | 32933 | 4.53% | 0.394% |
| 29 | 11.310 | 1566 | 1573 | 1582 | rBV2 | 19985 | 38656 | 5.32% | 0.463% |
| 30 | 11.413 | 1583 | 1590 | 1601 | rBV | 344463 | 570086 | 78.43% | 6.827% |
| 31 | 11.548 | 1609 | 1612 | 1615 | rVB5 | 6053 | 8186 | 1.13% | 0.098% |
| 32 | 11.609 | 1615 | 1622 | 1624 | rBV6 | 9763 | 20131 | 2.77% | 0.241% |
| 33 | 11.657 | 1627 | 1630 | 1635 | rVV3 | 16272 | 27518 | 3.79% | 0.330% |
| 34 | 11.700 | 1635 | 1637 | 1642 | rVB4 | 12671 | 16594 | 2.28% | 0.199% |
| 35 | 11.767 | 1642 | 1648 | 1650 | rBV5 | 5082 | 8846 | 1.22% | 0.106% |
| 36 | 11.804 | 1651 | 1654 | 1659 | rBV7 | 4325 | 7854 | 1.08% | 0.094% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

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\82Y100924S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.852 | 1659 | 1662 | 1667 | rVB4 | 6331 | 9707 | 1.34% | 0.116% |
| 38 | 11.950 | 1667 | 1678 | 1686 | rBV4 | 30916 | 105039 | 14.45% | 1.258% |
| 39 | 12.048 | 1690 | 1694 | 1698 | rVB2 | 22174 | 32730 | 4.50% | 0.392% |
| 40 | 12.121 | 1701 | 1706 | 1709 | rBV5 | 24446 | 43382 | 5.97% | 0.520% |
| 41 | 12.157 | 1709 | 1712 | 1720 | rVB3 | 38794 | 70135 | 9.65% | 0.840% |
| 42 | 12.249 | 1722 | 1727 | 1732 | rBV | 64403 | 103192 | 14.20% | 1.236% |
| 43 | 12.401 | 1746 | 1752 | 1760 | rBV2 | 234970 | 406393 | 55.91% | 4.867% |
| 44 | 12.505 | 1764 | 1769 | 1775 | rVB5 | 20699 | 37803 | 5.20% | 0.453% |
| 45 | 12.566 | 1775 | 1779 | 1787 | rVB7 | 20542 | 45150 | 6.21% | 0.541% |
| 46 | 12.651 | 1787 | 1793 | 1794 | rBV3 | 13421 | 18791 | 2.59% | 0.225% |
| 47 | 12.688 | 1795 | 1799 | 1801 | rVV | 37089 | 52916 | 7.28% | 0.634% |
| 48 | 12.724 | 1801 | 1805 | 1812 | rVB | 120720 | 206019 | 28.34% | 2.467% |
| 49 | 12.822 | 1818 | 1821 | 1825 | rVB6 | 5399 | 9362 | 1.29% | 0.112% |
| 50 | 12.889 | 1825 | 1832 | 1840 | rBV | 104099 | 194645 | 26.78% | 2.331% |
| 51 | 12.962 | 1840 | 1844 | 1851 | rVV | 34807 | 55565 | 7.64% | 0.665% |
| 52 | 13.041 | 1851 | 1857 | 1862 | rVV | 99475 | 149774 | 20.60% | 1.794% |
| 53 | 13.090 | 1862 | 1865 | 1870 | rVV7 | 12427 | 19368 | 2.66% | 0.232% |
| 54 | 13.151 | 1871 | 1875 | 1883 | rVV7 | 23216 | 52079 | 7.16% | 0.624% |
| 55 | 13.242 | 1883 | 1890 | 1893 | rVV5 | 33488 | 66201 | 9.11% | 0.793% |
| 56 | 13.285 | 1893 | 1897 | 1901 | rVV3 | 30171 | 50895 | 7.00% | 0.610% |
| 57 | 13.346 | 1901 | 1907 | 1917 | rVB2 | 239592 | 457578 | 62.95% | 5.480% |
| 58 | 13.511 | 1927 | 1934 | 1936 | rBV3 | 58706 | 95295 | 13.11% | 1.141% |
| 59 | 13.547 | 1936 | 1940 | 1944 | rVV | 169766 | 259423 | 35.69% | 3.107% |
| 60 | 13.584 | 1944 | 1946 | 1953 | rVB2 | 31232 | 48298 | 6.64% | 0.578% |
| 61 | 13.669 | 1953 | 1960 | 1965 | rBV10 | 34668 | 64545 | 8.88% | 0.773% |
| 62 | 13.718 | 1965 | 1968 | 1969 | rBV3 | 8281 | 10298 | 1.42% | 0.123% |
| 63 | 13.803 | 1977 | 1982 | 1984 | rBV2 | 34968 | 55023 | 7.57% | 0.659% |
| 64 | 13.834 | 1984 | 1987 | 1991 | rVV2 | 52275 | 73246 | 10.08% | 0.877% |
| 65 | 13.889 | 1991 | 1996 | 2001 | rVB2 | 172540 | 266041 | 36.60% | 3.186% |
| 66 | 13.937 | 2001 | 2004 | 2008 | rVB5 | 9078 | 12242 | 1.68% | 0.147% |
| 67 | 13.998 | 2008 | 2014 | 2019 | rBV | 176065 | 265075 | 36.47% | 3.175% |
| 68 | 14.053 | 2019 | 2023 | 2029 | rVB8 | 23550 | 52699 | 7.25% | 0.631% |
| 69 | 14.133 | 2029 | 2036 | 2039 | rBV2 | 41308 | 92282 | 12.70% | 1.105% |
| 70 | 14.169 | 2039 | 2042 | 2044 | rVV4 | 21954 | 34528 | 4.75% | 0.414% |
| 71 | 14.212 | 2046 | 2049 | 2052 | rVV2 | 35623 | 56051 | 7.71% | 0.671% |
| 72 | 14.248 | 2052 | 2055 | 2060 | rVB | 58830 | 85442 | 11.75% | 1.023% |
| 73 | 14.297 | 2060 | 2063 | 2067 | rBV3 | 33264 | 46280 | 6.37% | 0.554% |
| 74 | 14.334 | 2067 | 2069 | 2072 | rBV4 | 13776 | 18908 | 2.60% | 0.226% |
| 75 | 14.370 | 2072 | 2075 | 2084 | rVB2 | 31064 | 55762 | 7.67% | 0.668% |
| 76 | 14.480 | 2088 | 2093 | 2098 | rBV2 | 40795 | 78402 | 10.79% | 0.939% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

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\82Y100924S.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.529 | 2098 | 2101 | 2106 | rVB4 | 21386 | 28005 | 3.85% | 0.335% |
| 78 | 14.596 | 2106 | 2112 | 2117 | rBV2 | 136348 | 280336 | 38.57% | 3.357% |
| 79 | 14.657 | 2117 | 2122 | 2128 | rVB4 | 61800 | 137672 | 18.94% | 1.649% |
| 80 | 14.742 | 2132 | 2136 | 2142 | rVB3 | 55272 | 86999 | 11.97% | 1.042% |
| 81 | 14.858 | 2148 | 2155 | 2160 | rBV3 | 95379 | 189328 | 26.05% | 2.267% |
| 82 | 14.962 | 2167 | 2172 | 2178 | rBV4 | 41384 | 77606 | 10.68% | 0.929% |
| 83 | 15.138 | 2195 | 2201 | 2206 | rVB3 | 39421 | 94499 | 13.00% | 1.132% |
| 84 | 15.248 | 2215 | 2219 | 2224 | rBV8 | 22848 | 43592 | 6.00% | 0.522% |
| 85 | 15.425 | 2244 | 2248 | 2249 | rBV3 | 16040 | 19980 | 2.75% | 0.239% |
| 86 | 15.504 | 2256 | 2261 | 2267 | rVB8 | 29102 | 66360 | 9.13% | 0.795% |
| 87 | 15.565 | 2267 | 2271 | 2272 | rBV3 | 8118 | 10528 | 1.45% | 0.126% |
| 88 | 15.724 | 2294 | 2297 | 2302 | rVB7 | 14207 | 22902 | 3.15% | 0.274% |
| 89 | 15.907 | 2324 | 2327 | 2329 | rBV4 | 7263 | 11243 | 1.55% | 0.135% |
| 90 | 16.053 | 2347 | 2351 | 2354 | rVB4 | 17019 | 25111 | 3.45% | 0.301% |
| 91 | 16.175 | 2369 | 2371 | 2377 | rVB6 | 12955 | 19707 | 2.71% | 0.236% |
| 92 | 16.370 | 2396 | 2403 | 2416 | rVB2 | 83090 | 198804 | 27.35% | 2.381% |
| 93 | 16.480 | 2416 | 2421 | 2424 | rBV6 | 5834 | 12669 | 1.74% | 0.152% |

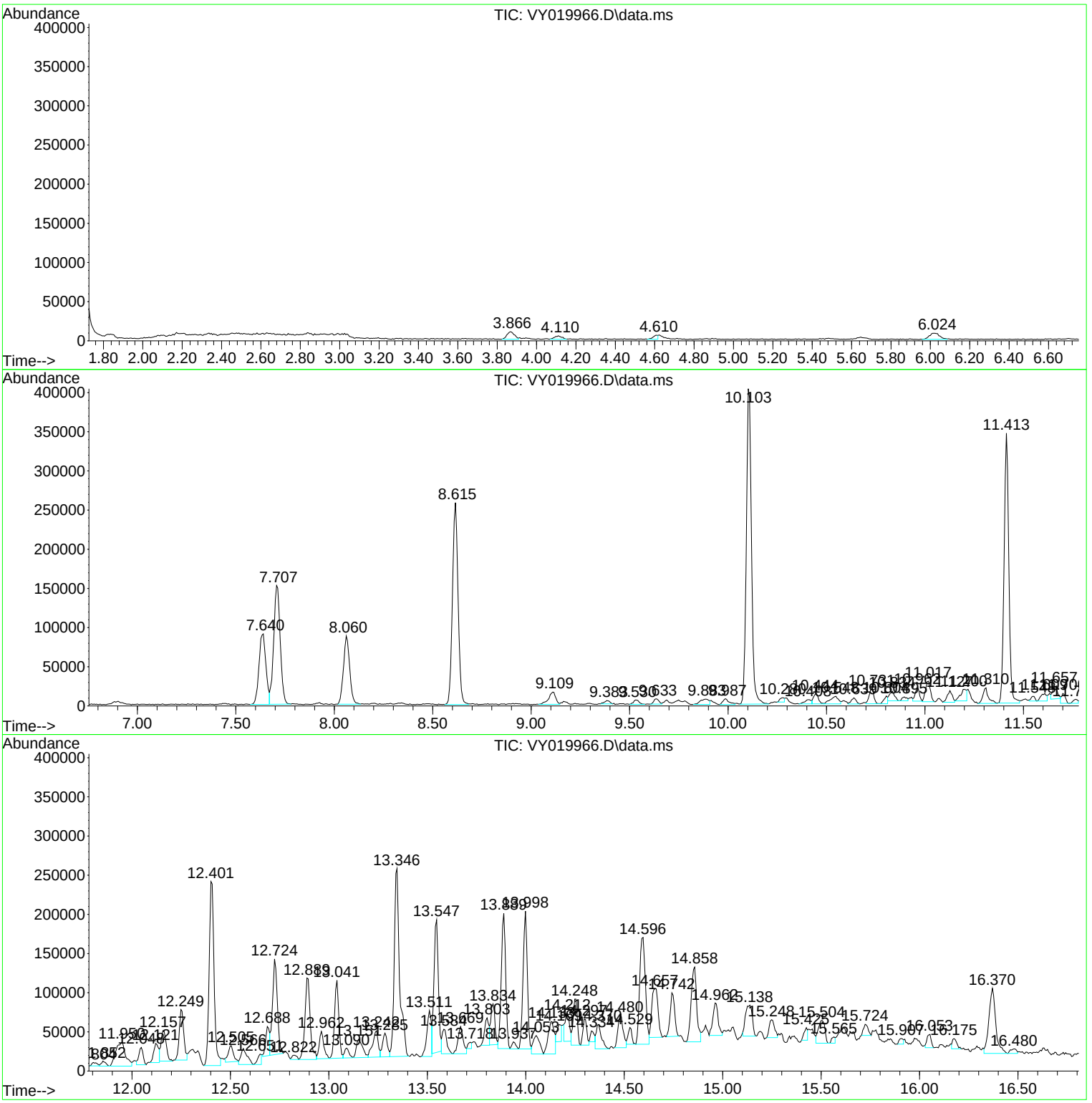
Sum of corrected areas: 8349995

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

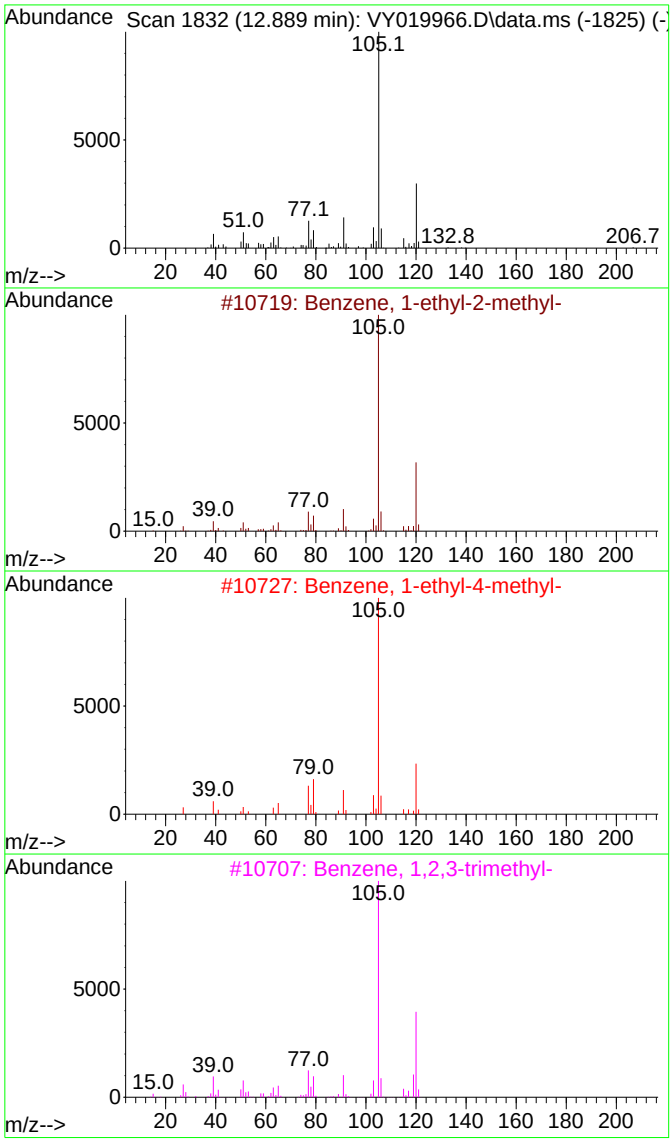
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

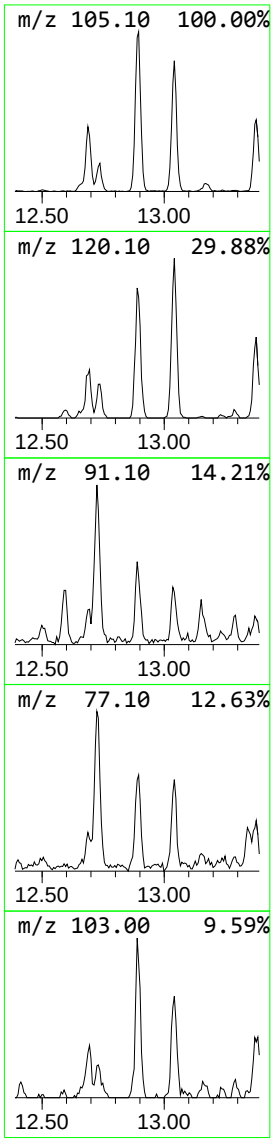
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.889 | 21.27 ug/l | 194645 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

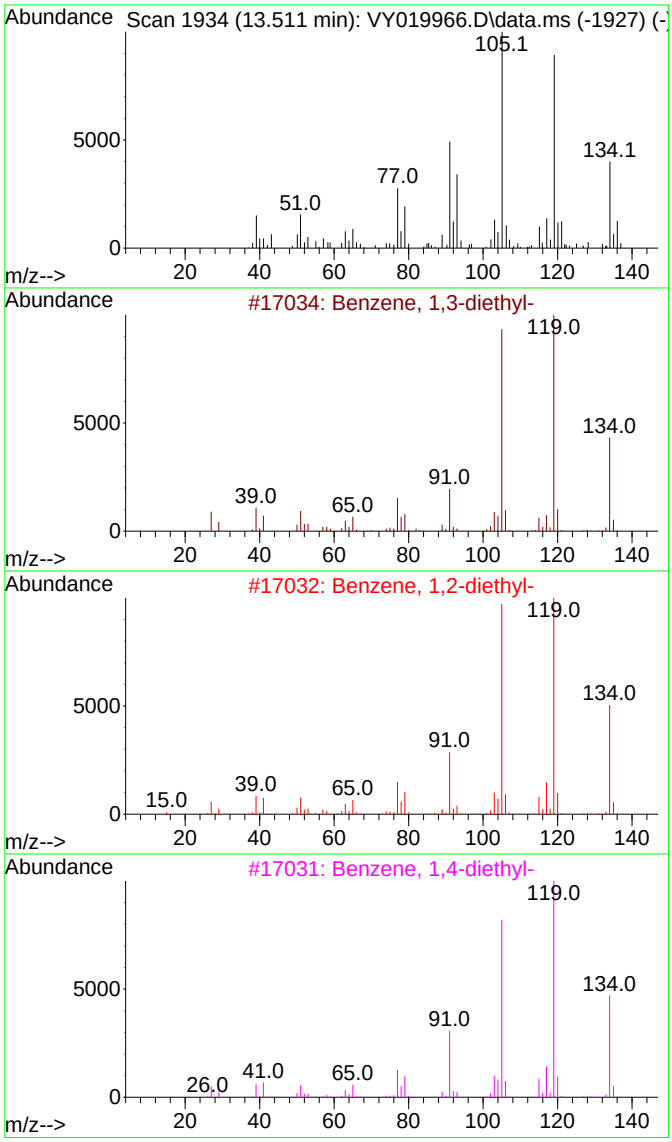
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

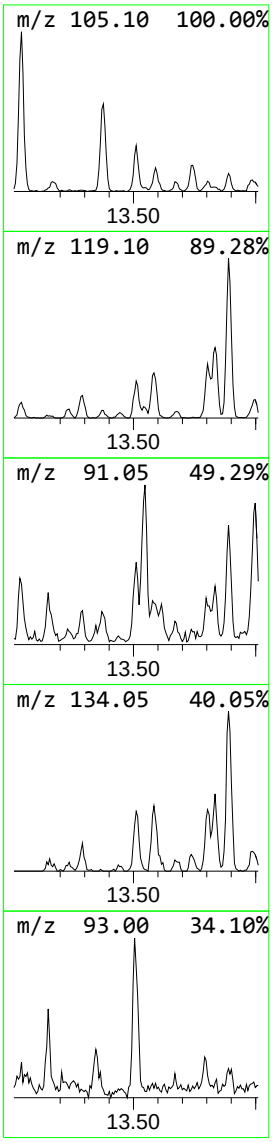
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.511 | 10.41 ug/l | 95295 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 94 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 93 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 93 |
| 4 | 2,6-Dimethyl-1,3,5,7-octatetraen... | 134 | C10H14 | 000460-01-5 | 90 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

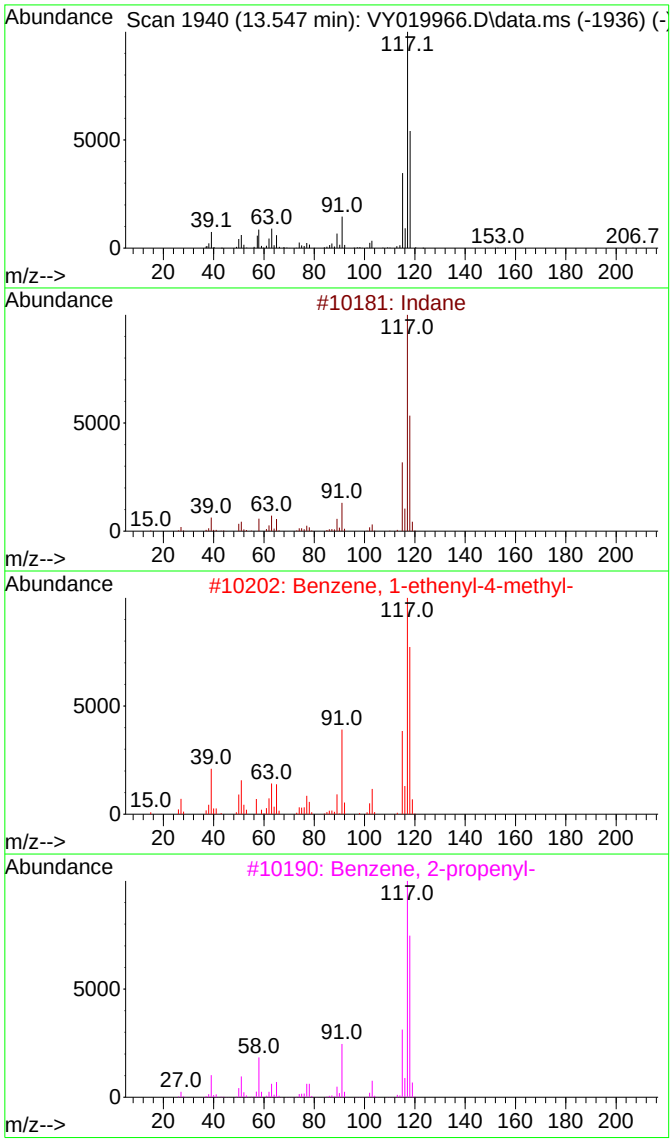
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

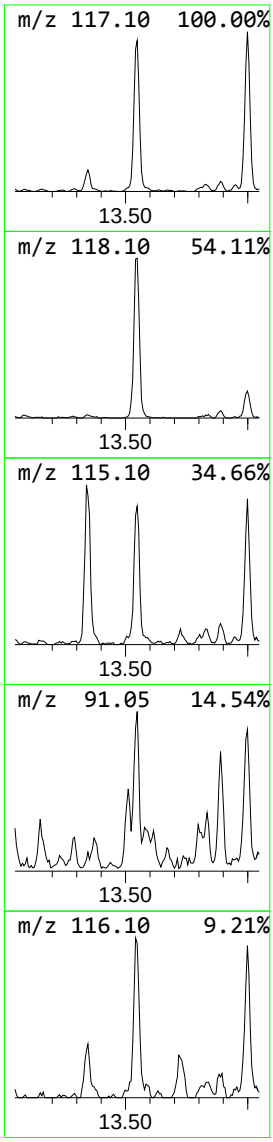
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Indane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.547 | 28.35 ug/l | 259423 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 94 |
| 2 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 80 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 74 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 72 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

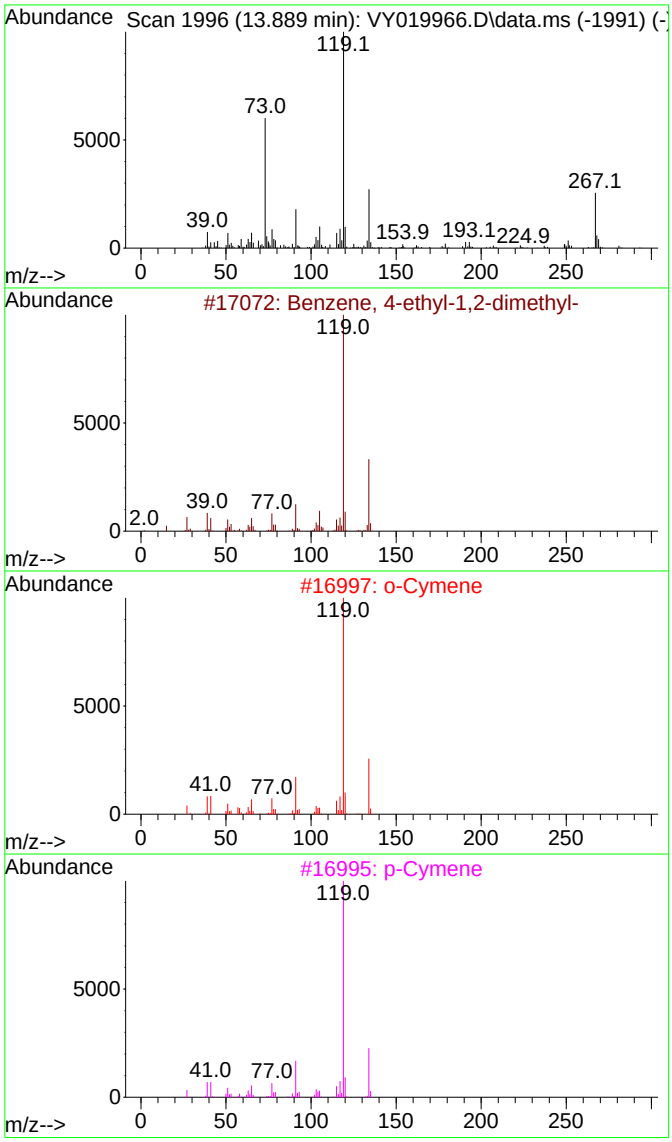
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

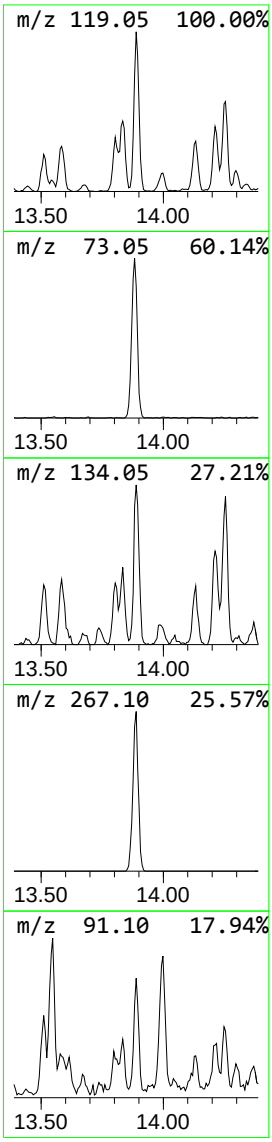
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.889 | 29.07 ug/l | 266041 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 92 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 92 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 92 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

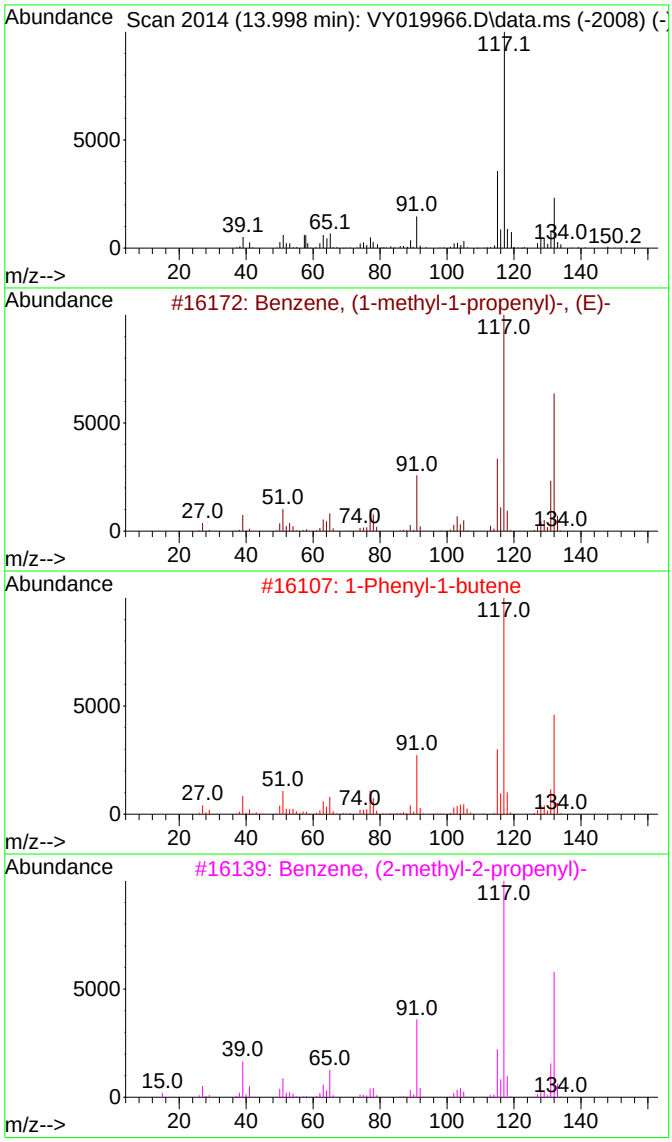
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

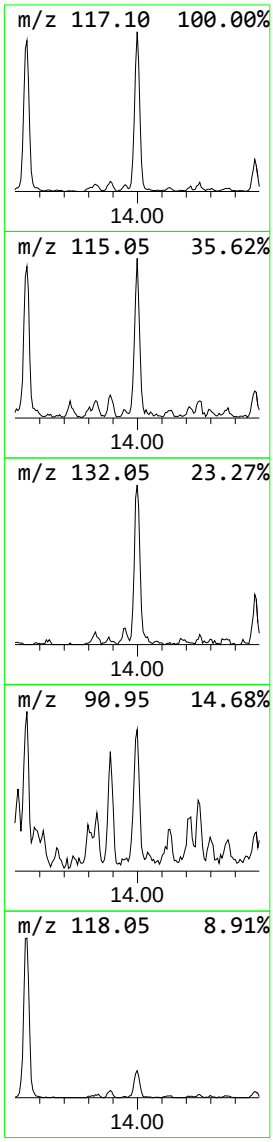
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.998 | 28.97 ug/l | 265075 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 87 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |
| 3 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 86 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 86 |
| 5 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

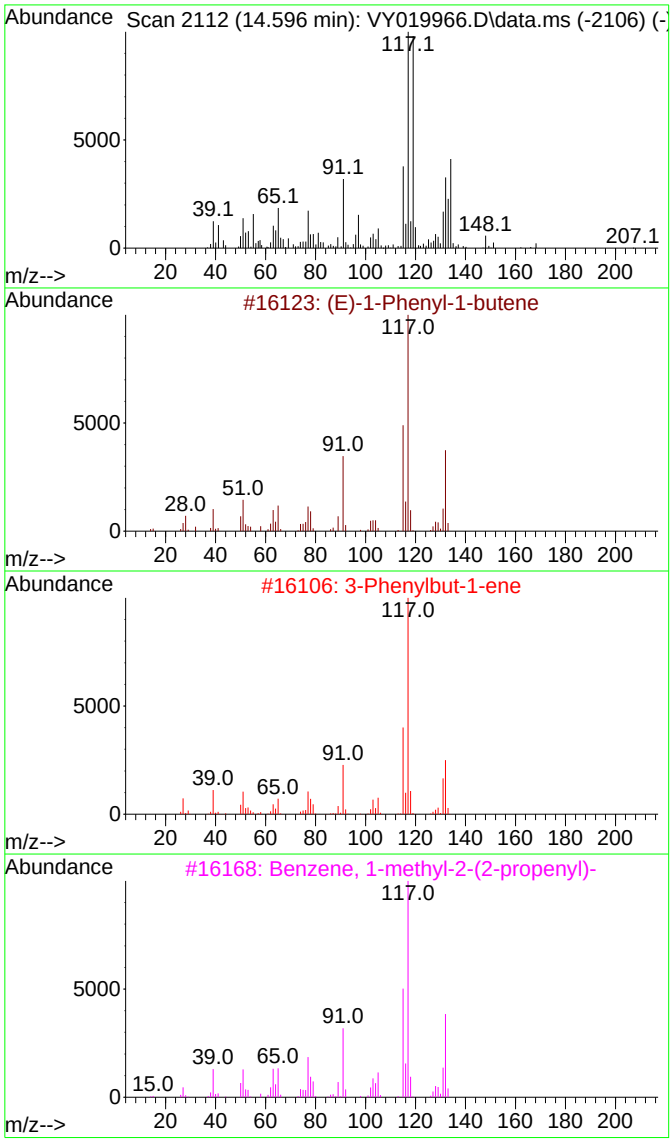
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

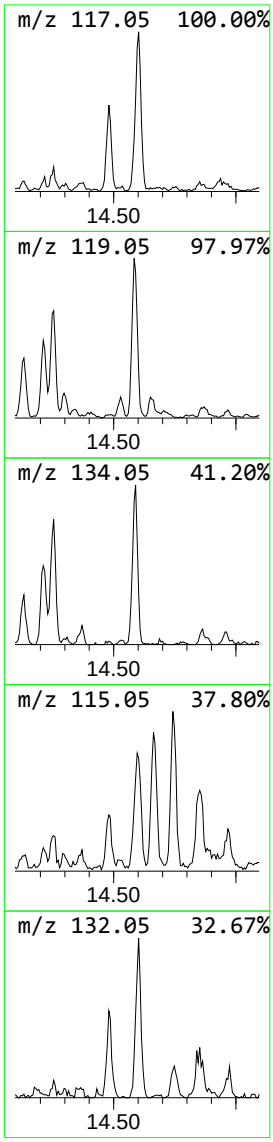
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (E)-1-Phenyl-1-butene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.596 | 30.63 ug/l | 280336 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 89 |
| 2 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 86 |
| 3 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 74 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 64 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

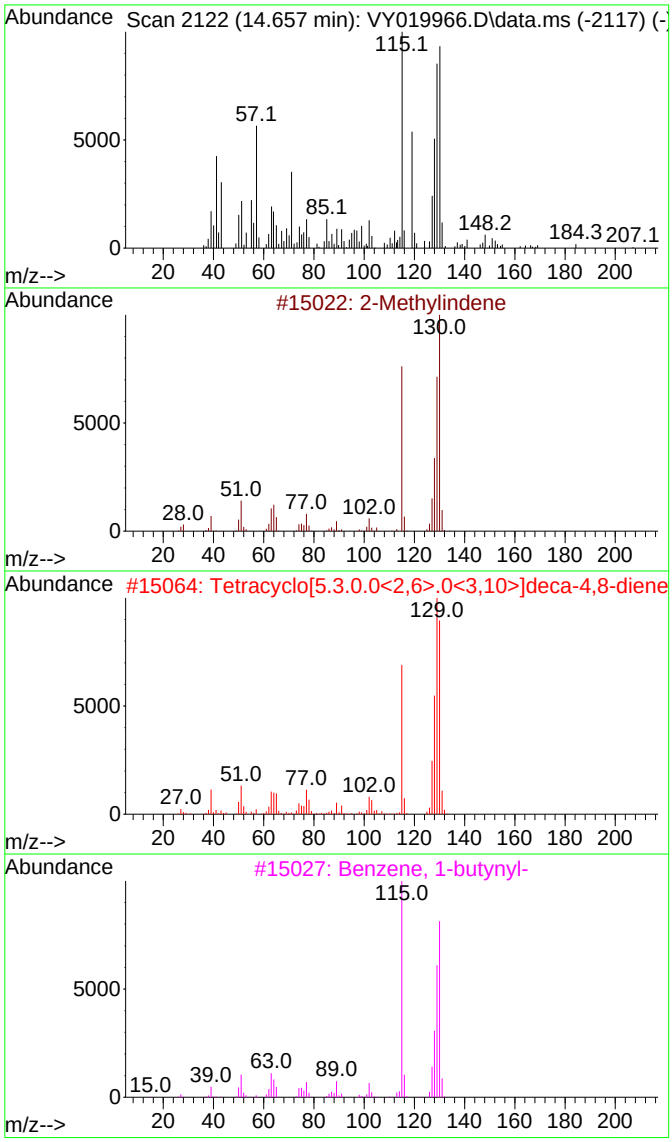
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

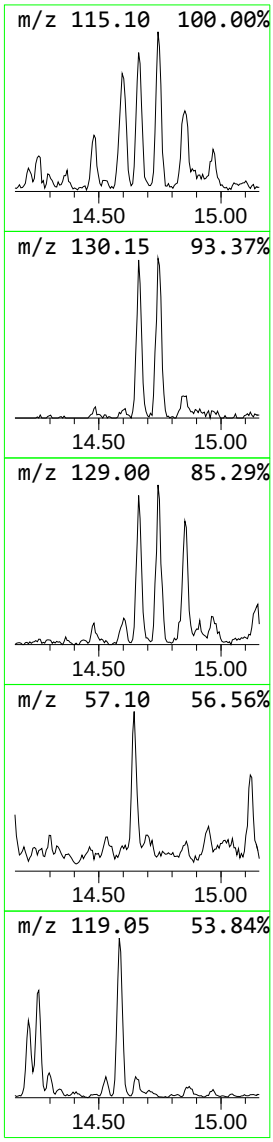
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2-Methylindene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.657 | 15.04 ug/l | 137672 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methylindene | 130 | C10H10 | 002177-47-1 | 86 |
| 2 | Tetracyclo[5.3.0.0<2,6>.0<3,10>]... | 130 | C10H10 | 034324-40-8 | 86 |
| 3 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 86 |
| 4 | 2a,4a,6a,6b-Tetrahydrocyclopenta... | 130 | C10H10 | 006053-74-3 | 76 |
| 5 | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10 | 015677-15-3 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

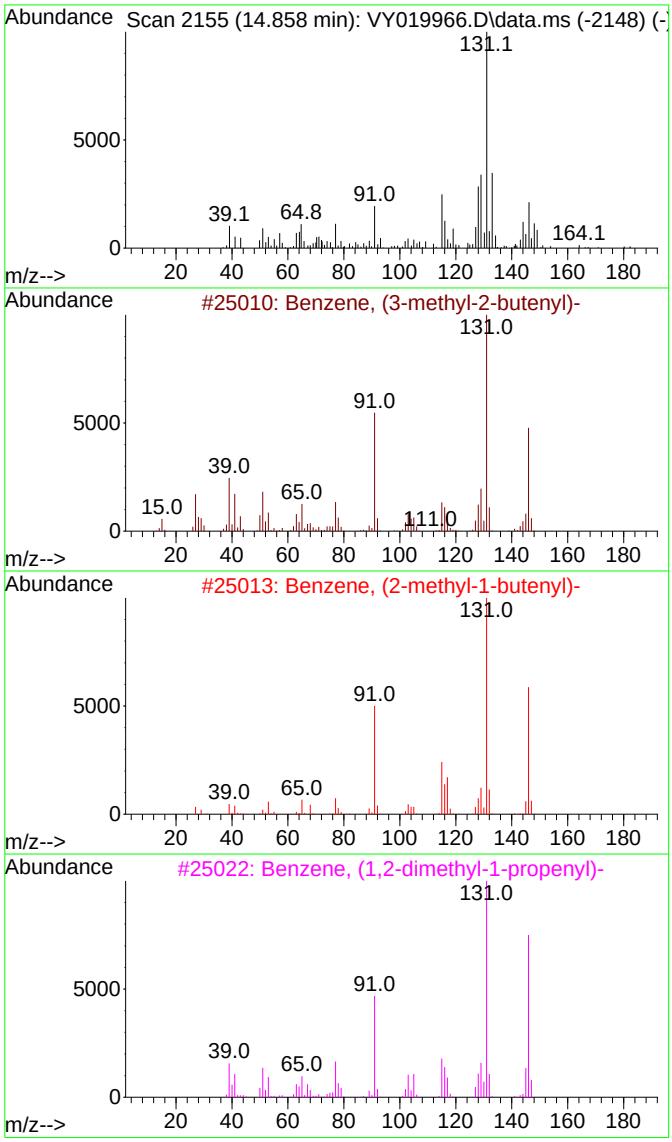
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

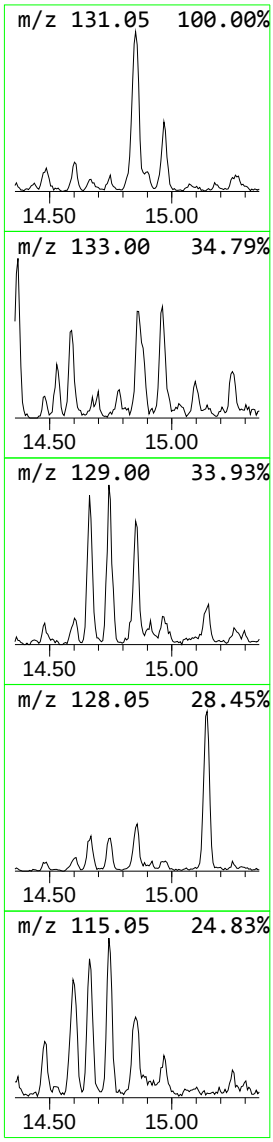
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.858 | 20.69 ug/l | 189328 | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 53 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 49 |
| 3 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 49 |
| 4 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 49 |
| 5 | Benzene, (2-chloro-2-butenyl)- | 166 | C10H11Cl | 054411-12-0 | 46 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
Data File : VY019966.D
Acq On : 21 Oct 2024 16:31
Operator : SY/MD
Sample : P4460-02
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
WB-303-TOP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.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... | 12.889 | 21.3 | ug/l | 194645 | 4 | 13.346 | 457578 | 50.0 |
| Benzene, 1,3-di... | 13.511 | 10.4 | ug/l | 95295 | 4 | 13.346 | 457578 | 50.0 |
| Indane | 13.547 | 28.4 | ug/l | 259423 | 4 | 13.346 | 457578 | 50.0 |
| Benzene, 4-ethy... | 13.889 | 29.1 | ug/l | 266041 | 4 | 13.346 | 457578 | 50.0 |
| Benzene, (1-met... | 13.998 | 29.0 | ug/l | 265075 | 4 | 13.346 | 457578 | 50.0 |
| (E)-1-Phenyl-1-... | 14.596 | 30.6 | ug/l | 280336 | 4 | 13.346 | 457578 | 50.0 |
| 2-Methylindene | 14.657 | 15.0 | ug/l | 137672 | 4 | 13.346 | 457578 | 50.0 |
| Benzene, (3-met... | 14.858 | 20.7 | ug/l | 189328 | 4 | 13.346 | 457578 | 50.0 |