LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

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\82X042220W.M
Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.064 | 24 | 29 | 54 | rBV2 | 18504829 | 56604898 | 61.07% | 7.948% |
| 2 | 2.826 | 301 | 318 | 321 | rBV2 | 452539 | 1272098 | 1.37% | 0.179% |
| 3 | 2.875 | 321 | 326 | 329 | rVV | 857459 | 1809271 | 1.95% | 0.254% |
| 4 | 2.911 | 329 | 332 | 344 | rVB2 | 852404 | 1912556 | 2.06% | 0.269% |
| 5 | 3.161 | 363 | 373 | 388 | rBV3 | 2917684 | 7524641 | 8.12% | 1.057% |
| 6 | 3.502 | 420 | 429 | 442 | rBV | 422285 | 948385 | 1.02% | 0.133% |
| 7 | 3.795 | 469 | 477 | 486 | rVB | 724539 | 1711179 | 1.85% | 0.240% |
| 8 | 3.905 | 486 | 495 | 501 | rBV | 493198 | 1276693 | 1.38% | 0.179% |
| 9 | 4.173 | 530 | 539 | 548 | rVB | 556488 | 1437927 | 1.55% | 0.202% |
| 10 | 4.380 | 563 | 573 | 585 | rVV | 2628173 | 7612732 | 8.21% | 1.069% |
| 11 | 5.277 | 711 | 720 | 733 | rVB2 | 621855 | 1977744 | 2.13% | 0.278% |
| 12 | 5.472 | 738 | 752 | 757 | rBV | 551253 | 1689081 | 1.82% | 0.237% |
| 13 | 5.557 | 757 | 766 | 774 | rVV2 | 1602040 | 5723210 | 6.18% | 0.804% |
| 14 | 5.636 | 774 | 779 | 784 | rVV | 974220 | 2795226 | 3.02% | 0.392% |
| 15 | 5.703 | 785 | 790 | 812 | rVB2 | 923925 | 3077720 | 3.32% | 0.432% |
| 16 | 5.904 | 812 | 823 | 836 | rBV3 | 601364 | 1864588 | 2.01% | 0.262% |
| 17 | 6.039 | 836 | 845 | 849 | rVV | 526729 | 1372162 | 1.48% | 0.193% |
| 18 | 6.118 | 849 | 858 | 870 | rVV | 19152775 | 52499243 | 56.64% | 7.371% |
| 19 | 6.289 | 870 | 886 | 887 | rVV2 | 1218948 | 4596184 | 4.96% | 0.645% |
| 20 | 6.325 | 887 | 892 | 901 | rVV | 2153135 | 6370955 | 6.87% | 0.895% |
| 21 | 6.435 | 901 | 910 | 922 | rVB4 | 619148 | 2111680 | 2.28% | 0.297% |
| 22 | 6.679 | 941 | 950 | 961 | rBV5 | 402258 | 1306376 | 1.41% | 0.183% |
| 23 | 6.837 | 967 | 976 | 981 | rBV | 1439627 | 3700036 | 3.99% | 0.520% |
| 24 | 6.916 | 984 | 989 | 1000 | rVB5 | 1231974 | 3525483 | 3.80% | 0.495% |
| 25 | 7.234 | 1033 | 1041 | 1052 | rVV | 1025275 | 2282602 | 2.46% | 0.321% |
| 26 | 7.441 | 1063 | 1075 | 1087 | rBV4 | 2341238 | 6651563 | 7.18% | 0.934% |
| 27 | 7.715 | 1115 | 1120 | 1133 | rVB | 636907 | 1266147 | 1.37% | 0.178% |
| 28 | 7.910 | 1145 | 1152 | 1153 | rBV | 782987 | 1170038 | 1.26% | 0.164% |
| 29 | 7.935 | 1154 | 1156 | 1163 | rVV | 933195 | 1646593 | 1.78% | 0.231% |
| 30 | 8.038 | 1163 | 1173 | 1184 | rVB | 1257360 | 2837772 | 3.06% | 0.398% |
| 31 | 8.160 | 1184 | 1193 | 1195 | rBV | 1907130 | 3504697 | 3.78% | 0.492% |
| 32 | 8.197 | 1195 | 1199 | 1204 | rVV | 3145176 | 5715907 | 6.17% | 0.803% |
| 33 | 8.239 | 1204 | 1206 | 1216 | rVB4 | 555159 | 1000616 | 1.08% | 0.140% |
| 34 | 8.556 | 1250 | 1258 | 1265 | rBV | 2257844 | 3991686 | 4.31% | 0.560% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

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\82X042220W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.697 | 1276 | 1281 | 1287 | rVB | 2836582 | 4455804 | 4.81% | 0.626% |
| 36 | 8.770 | 1287 | 1293 | 1299 | rVB | 5349703 | 8708354 | 9.40% | 1.223% |
| 37 | 8.849 | 1299 | 1306 | 1311 | rBV | 745187 | 1466873 | 1.58% | 0.206% |
| 38 | 9.209 | 1360 | 1365 | 1374 | rVB | 994367 | 1584434 | 1.71% | 0.222% |
| 39 | 9.422 | 1394 | 1400 | 1406 | rBV | 12192512 | 17273998 | 18.64% | 2.425% |
| 40 | 9.501 | 1406 | 1413 | 1417 | rVV2 | 1847929 | 2986408 | 3.22% | 0.419% |
| 41 | 10.099 | 1500 | 1511 | 1514 | rBV3 | 3200020 | 6985651 | 7.54% | 0.981% |
| 42 | 10.135 | 1514 | 1517 | 1522 | rVB | 1266794 | 1829611 | 1.97% | 0.257% |
| 43 | 10.239 | 1528 | 1534 | 1540 | rBV2 | 58563287 | 92682077 | 100.00% | 13.014% |
| 44 | 10.349 | 1545 | 1552 | 1559 | rVB | 50221057 | 71763888 | 77.43% | 10.076% |
| 45 | 10.416 | 1559 | 1563 | 1567 | rBV | 1603206 | 1988280 | 2.15% | 0.279% |
| 46 | 10.684 | 1602 | 1607 | 1613 | rBV | 9144884 | 11385739 | 12.28% | 1.599% |
| 47 | 10.934 | 1638 | 1648 | 1653 | rVB2 | 1109719 | 2010210 | 2.17% | 0.282% |
| 48 | 11.001 | 1653 | 1659 | 1664 | rBV | 14297646 | 18689203 | 20.16% | 2.624% |
| 49 | 11.056 | 1664 | 1668 | 1674 | rVB | 1015054 | 1231703 | 1.33% | 0.173% |
| 50 | 11.123 | 1674 | 1679 | 1684 | rBV | 3054992 | 3811050 | 4.11% | 0.535% |
| 51 | 11.208 | 1689 | 1693 | 1699 | rVV2 | 1060311 | 1937271 | 2.09% | 0.272% |
| 52 | 11.269 | 1699 | 1703 | 1707 | rVV2 | 774055 | 1062725 | 1.15% | 0.149% |
| 53 | 11.343 | 1711 | 1715 | 1720 | rVV | 11536538 | 15183628 | 16.38% | 2.132% |
| 54 | 11.440 | 1720 | 1731 | 1735 | rVV | 19219063 | 36014918 | 38.86% | 5.057% |
| 55 | 11.495 | 1735 | 1740 | 1744 | rVV | 14581121 | 18821636 | 20.31% | 2.643% |
| 56 | 11.653 | 1761 | 1766 | 1775 | rBV | 11389845 | 13746478 | 14.83% | 1.930% |
| 57 | 11.751 | 1775 | 1782 | 1784 | rBV5 | 747209 | 1114612 | 1.20% | 0.157% |
| 58 | 11.794 | 1784 | 1789 | 1793 | rVV | 29271050 | 35865703 | 38.70% | 5.036% |
| 59 | 11.836 | 1793 | 1796 | 1801 | rVB2 | 719523 | 995017 | 1.07% | 0.140% |
| 60 | 12.013 | 1818 | 1825 | 1828 | rBV2 | 810073 | 1039449 | 1.12% | 0.146% |
| 61 | 12.062 | 1828 | 1833 | 1838 | rVV | 3761758 | 4890468 | 5.28% | 0.687% |
| 62 | 12.129 | 1838 | 1844 | 1848 | rVV | 7828447 | 9551663 | 10.31% | 1.341% |
| 63 | 12.172 | 1848 | 1851 | 1856 | rVB3 | 742501 | 1112497 | 1.20% | 0.156% |
| 64 | 12.287 | 1864 | 1870 | 1877 | rBV | 24960730 | 33480527 | 36.12% | 4.701% |
| 65 | 12.355 | 1877 | 1881 | 1888 | rVB2 | 3771857 | 5486941 | 5.92% | 0.770% |
| 66 | 12.452 | 1892 | 1897 | 1901 | rBV2 | 2209754 | 2891773 | 3.12% | 0.406% |
| 67 | 12.513 | 1901 | 1907 | 1912 | rVB2 | 2191562 | 3503823 | 3.78% | 0.492% |
| 68 | 12.574 | 1912 | 1917 | 1919 | rBV | 2393404 | 3313370 | 3.57% | 0.465% |
| 69 | 12.592 | 1919 | 1920 | 1925 | rVB | 1184136 | 1082814 | 1.17% | 0.152% |
| 70 | 12.653 | 1925 | 1930 | 1933 | rBV | 5005057 | 5966932 | 6.44% | 0.838% |
| 71 | 12.739 | 1940 | 1944 | 1951 | rVB2 | 3341856 | 4863555 | 5.25% | 0.683% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

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\82X042220W.M
Title : SW846 8260

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.964 | 1974 | 1981 | 1984 | rBV | 3167004 | 4033955 | 4.35% | 0.566% |
| 73 | 13.001 | 1984 | 1987 | 1993 | rVB | 3764203 | 4495550 | 4.85% | 0.631% |
| 74 | 13.208 | 2018 | 2021 | 2026 | rVB | 2836543 | 3236282 | 3.49% | 0.454% |
| 75 | 13.336 | 2037 | 2042 | 2046 | rVB2 | 6551512 | 8785451 | 9.48% | 1.234% |
| 76 | 13.385 | 2046 | 2050 | 2053 | rBV2 | 1217228 | 1362199 | 1.47% | 0.191% |
| 77 | 13.464 | 2059 | 2063 | 2069 | rVB | 1893557 | 2327419 | 2.51% | 0.327% |
| 78 | 13.586 | 2079 | 2083 | 2086 | rBV | 752640 | 997265 | 1.08% | 0.140% |
| 79 | 13.623 | 2086 | 2089 | 2095 | rVV3 | 886220 | 1629456 | 1.76% | 0.229% |
| 80 | 13.708 | 2095 | 2103 | 2108 | rVB2 | 854869 | 1863262 | 2.01% | 0.262% |
| 81 | 13.818 | 2114 | 2121 | 2130 | rVB | 15852878 | 20092012 | 21.68% | 2.821% |
| 82 | 13.909 | 2131 | 2136 | 2141 | rVB | 1028162 | 1316240 | 1.42% | 0.185% |
| 83 | 14.677 | 2258 | 2262 | 2272 | rVB | 3045147 | 4055821 | 4.38% | 0.569% |
| 84 | 14.824 | 2281 | 2286 | 2302 | rVB2 | 1814539 | 2435044 | 2.63% | 0.342% |

Sum of corrected areas: 712196728

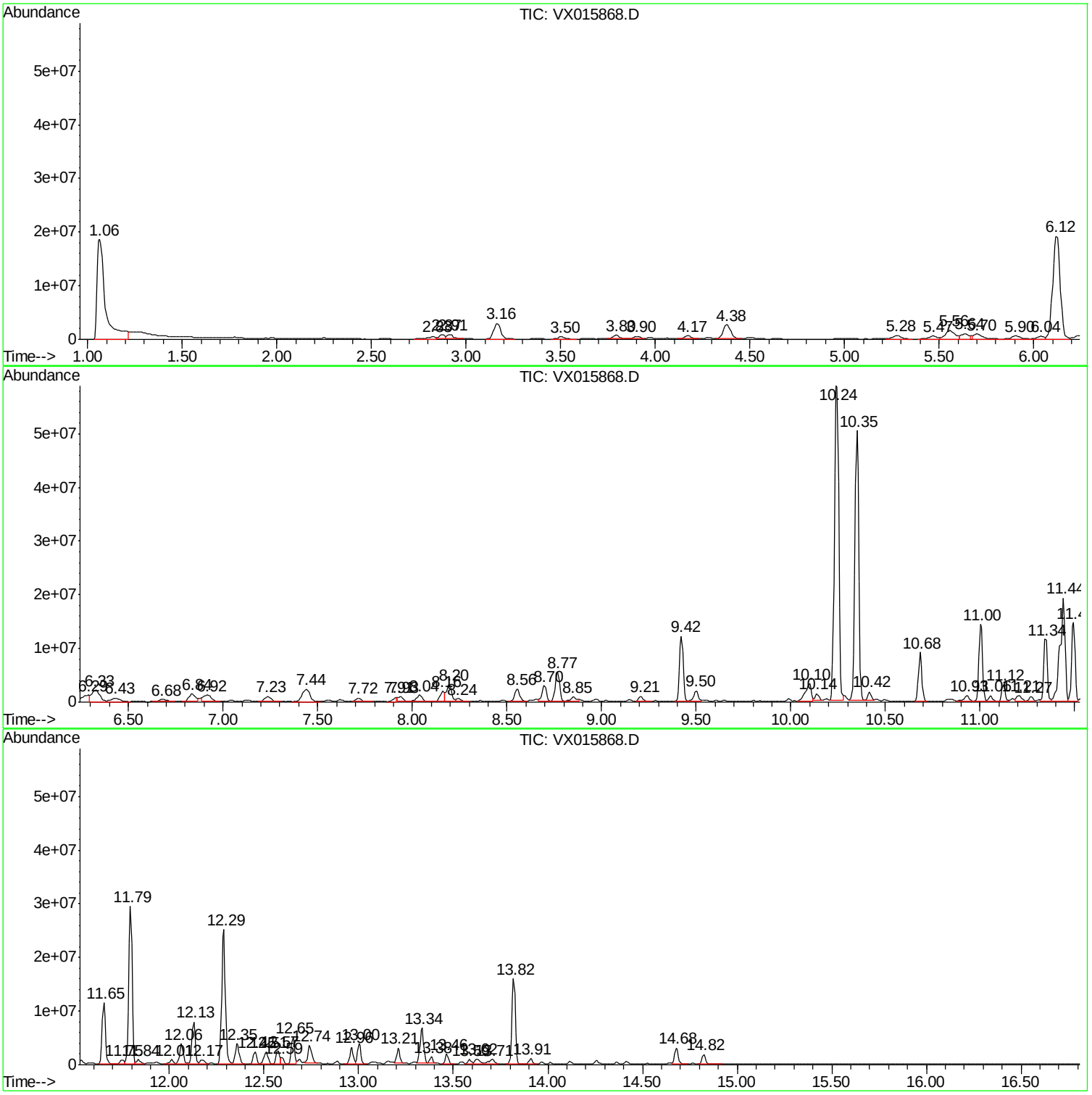
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

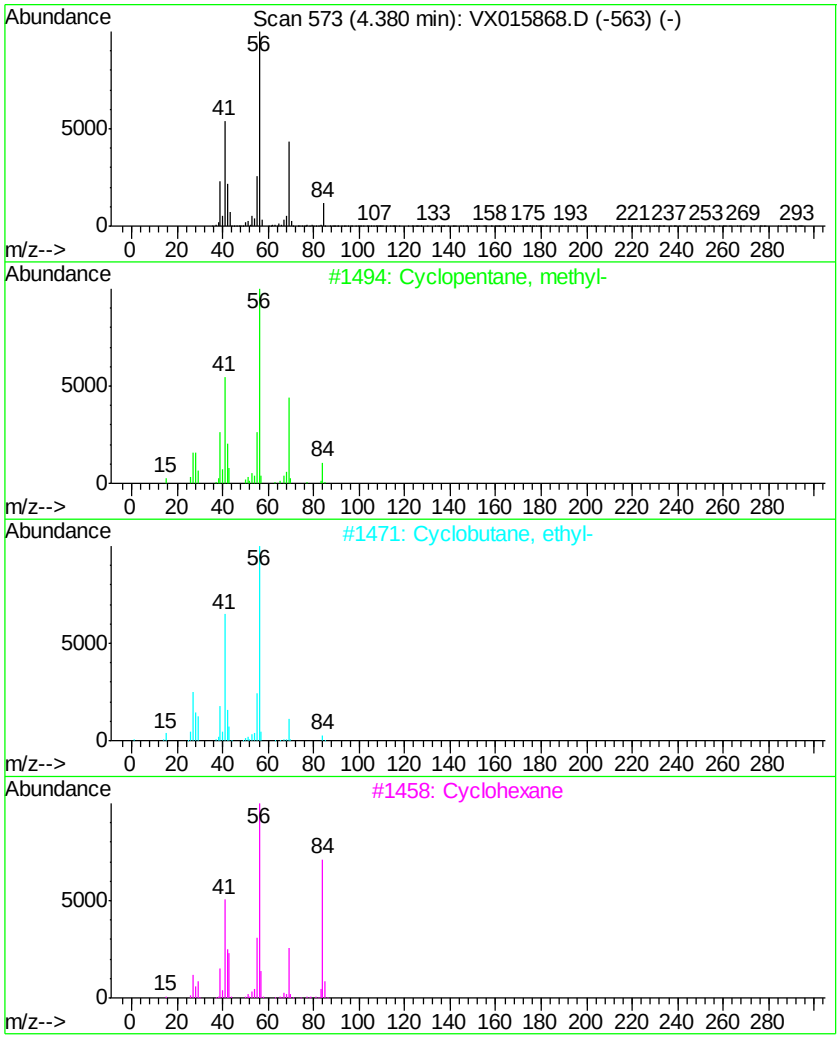
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

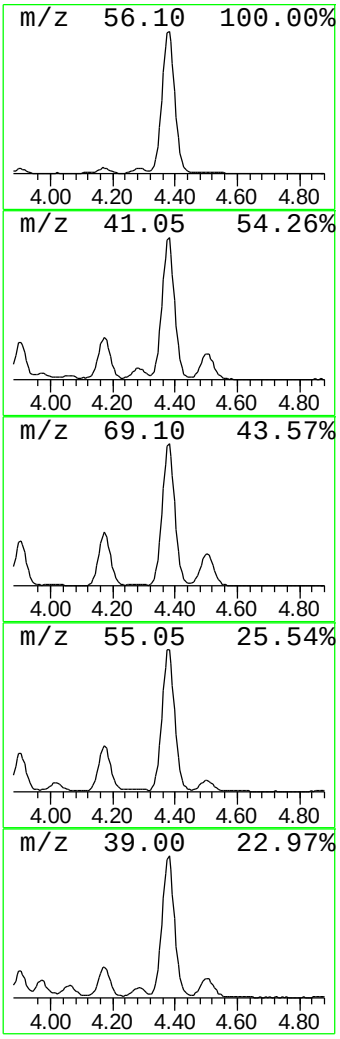
**********

Peak Number 2 Cyclopentane, methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.38 | 136.17 ug/l | 7612730 | Pentafluorobenzene | 5.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 90 |
| 2 | Cyclobutane, ethyl- | 84 | C6H12 | 004806-61-5 | 72 |
| 3 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 64 |
| 4 | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4 | 004076-36-2 | 64 |
| 5 | Cyclopropane, propyl- | 84 | C6H12 | 002415-72-7 | 56 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

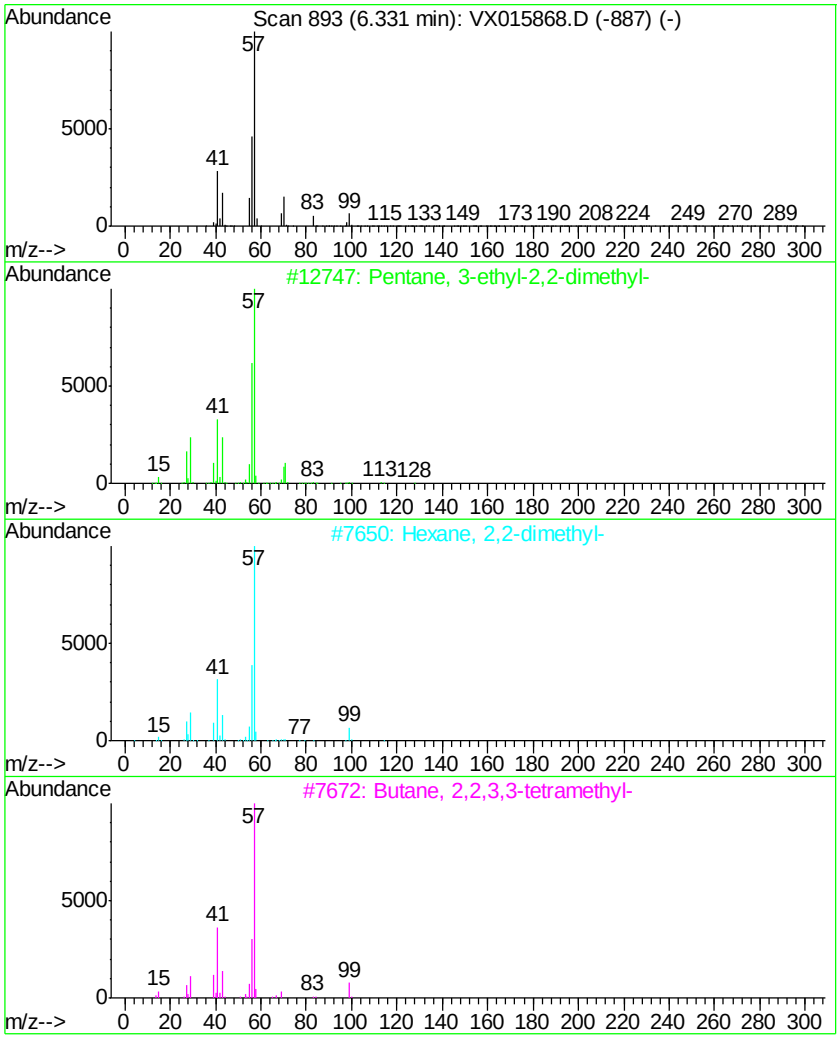
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

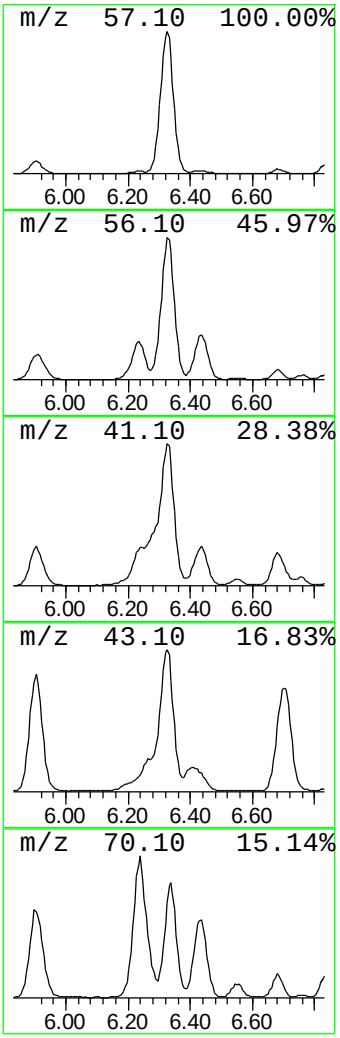
**********

Peak Number 3 Pentane, 3-ethyl-2,2-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.33 | 86.09 ug/l | 6370960 | 1,4-Difluorobenzene | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 64 |
| 2 | Hexane, 2,2-dimethyl- | 114 | C8H18 | 000590-73-8 | 59 |
| 3 | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18 | 000594-82-1 | 50 |
| 4 | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20 | 001186-53-4 | 50 |
| 5 | Pentane, 2,2,4-trimethyl- | 114 | C8H18 | 000540-84-1 | 45 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

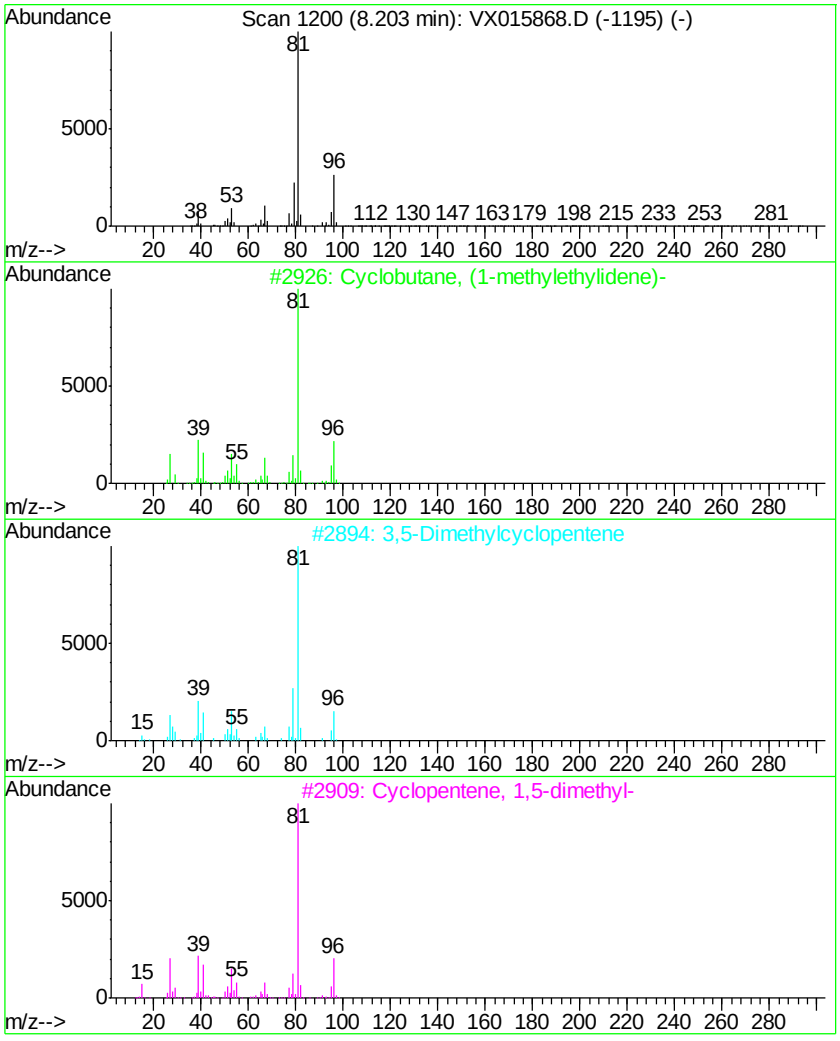
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

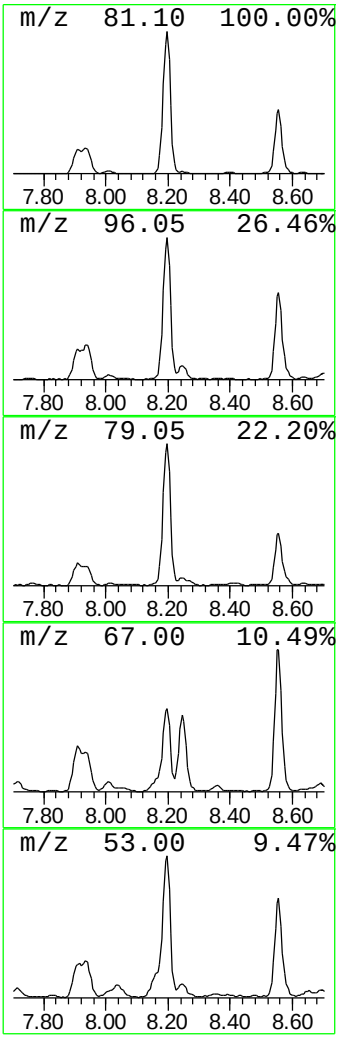
**********

Peak Number 4 Cyclobutane, (1-methylethyl... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.20 | 77.24 ug/l | 5715910 | 1,4-Difluorobenzene | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobutane, (1-methylethylidene)- | 96 | C7H12 | 001528-22-9 | 90 |
| 2 | 3,5-Dimethylcyclopentene | 96 | C7H12 | 007459-71-4 | 78 |
| 3 | Cyclopentene, 1,5-dimethyl- | 96 | C7H12 | 016491-15-9 | 78 |
| 4 | Cyclopropane, 1-methyl-1-isoprop... | 96 | C7H12 | 003422-07-9 | 72 |
| 5 | Cyclopentene, 4,4-dimethyl- | 96 | C7H12 | 019037-72-0 | 72 |



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

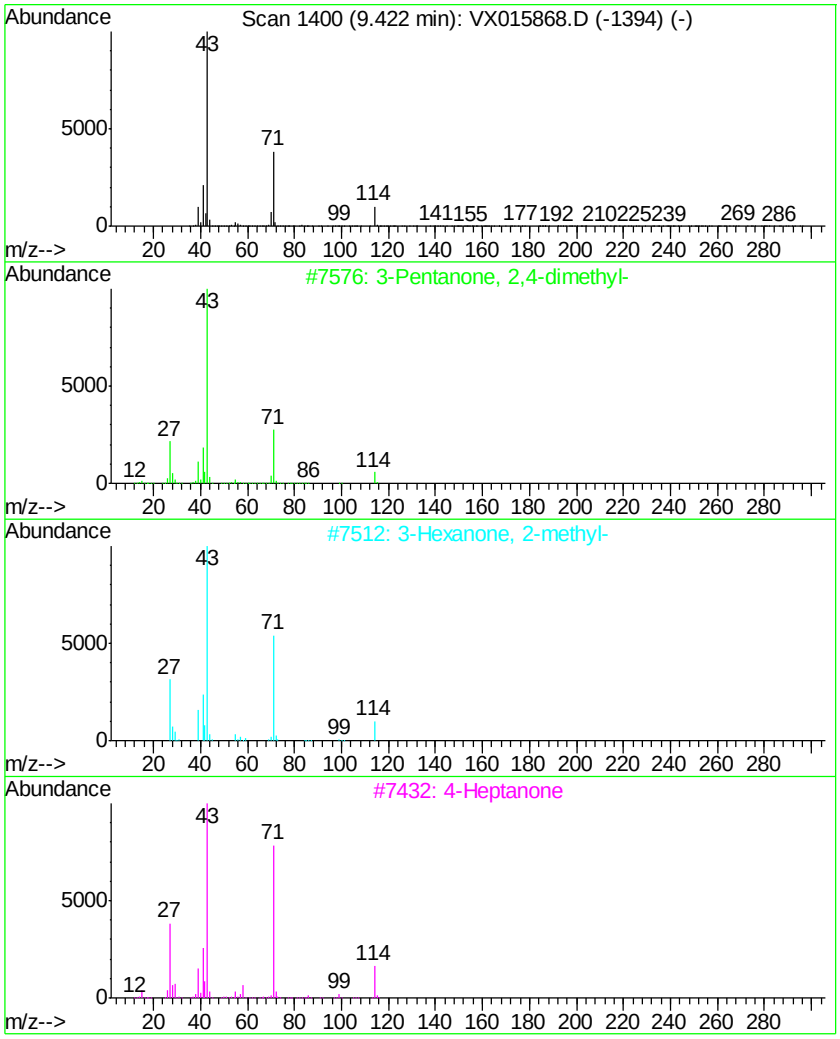
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

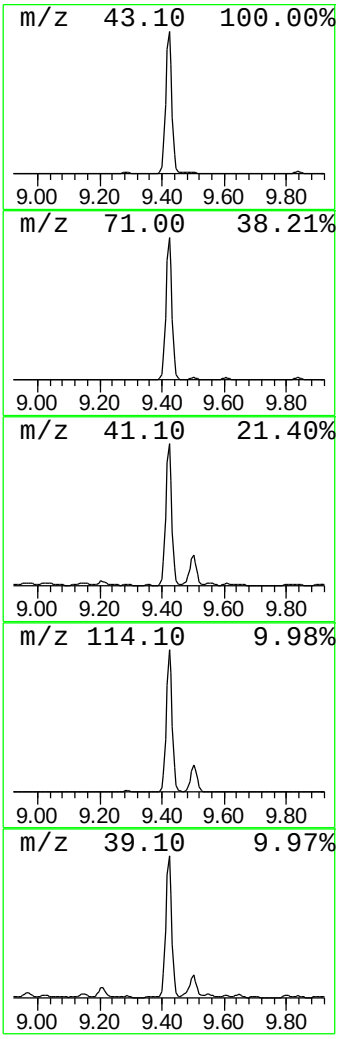
**********

Peak Number 5 3-Pentanone, 2,4-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.42 | 123.64 ug/l | 17274000 | Chlorobenzene-d5 | 10.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Pentanone, 2,4-dimethyl- | 114 | C7H14O | 000565-80-0 | 90 |
| 2 | 3-Hexanone, 2-methyl- | 114 | C7H14O | 007379-12-6 | 90 |
| 3 | 4-Heptanone | 114 | C7H14O | 000123-19-3 | 59 |
| 4 | 2,3-Hexanedione | 114 | C6H10O2 | 003848-24-6 | 50 |
| 5 | Pentane, 3-ethyl- | 100 | C7H16 | 000617-78-7 | 39 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

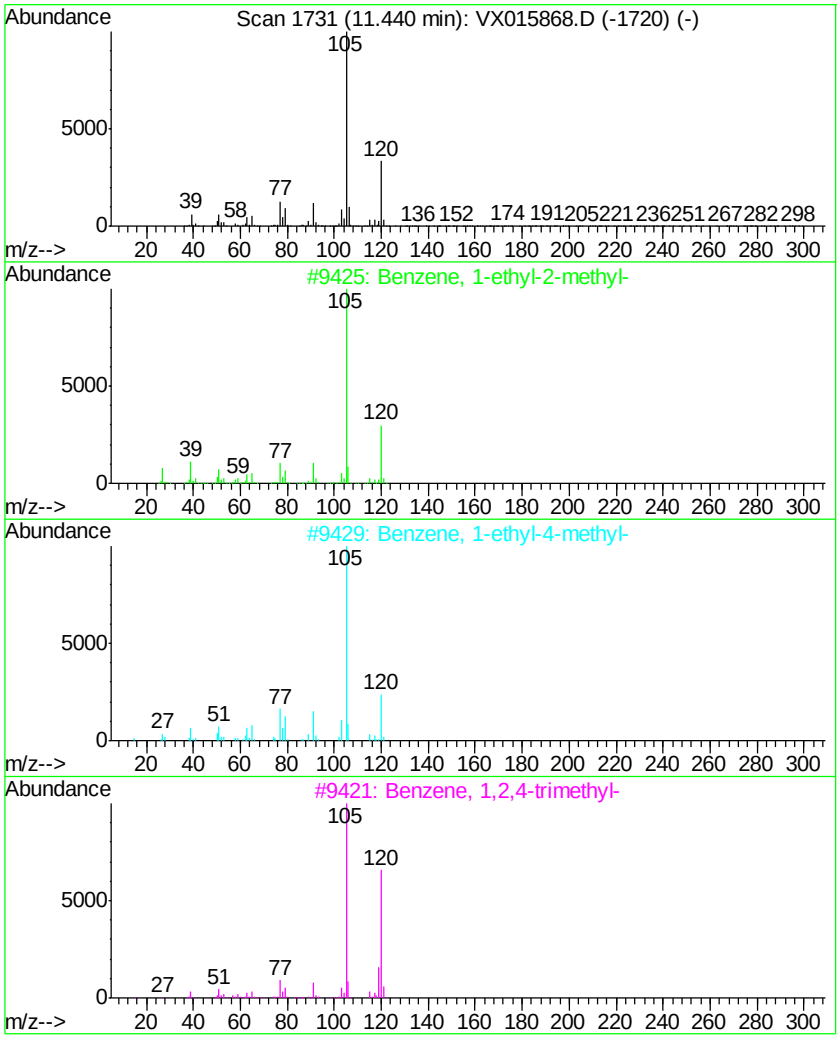
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

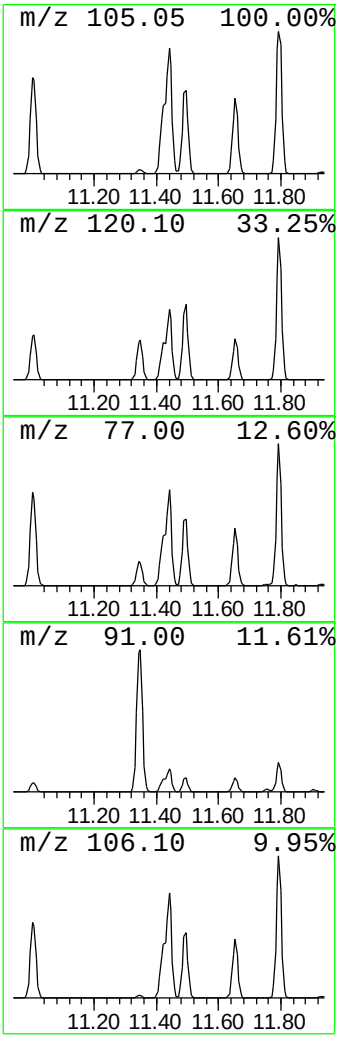
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.44 | 368.22 ug/l | 36014900 | 1,4-Dichlorobenzene-d4 | 12.06 |

| 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 | 93 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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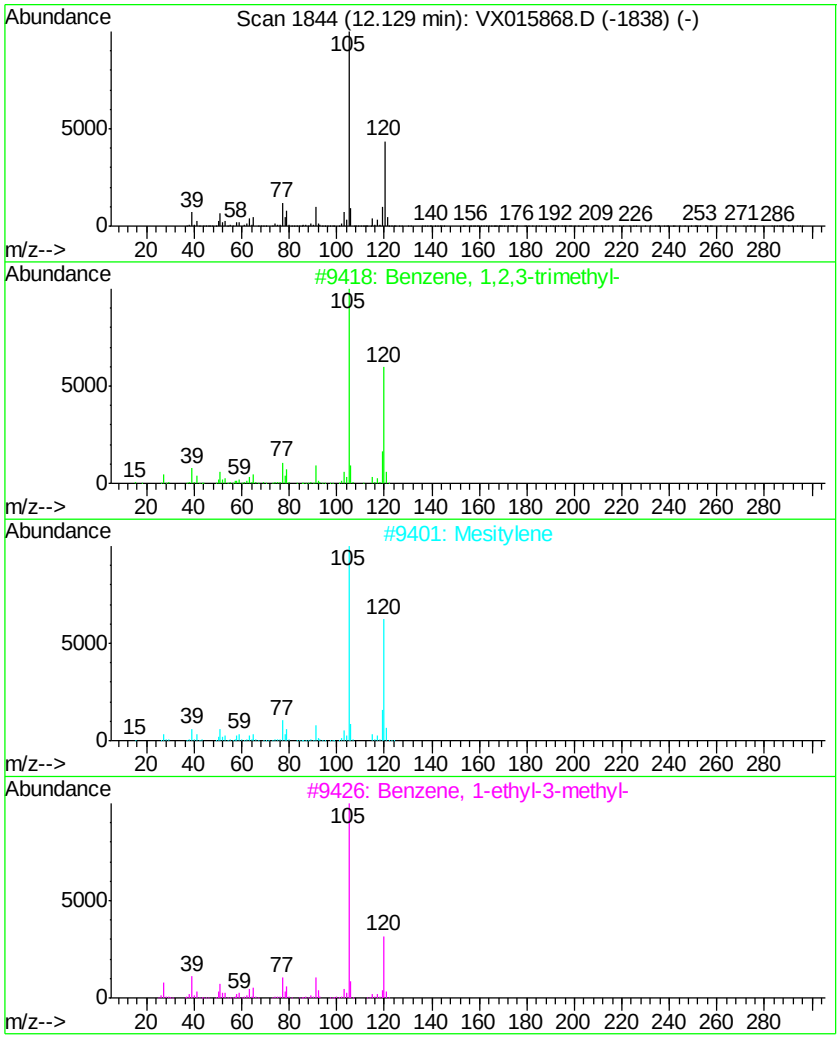
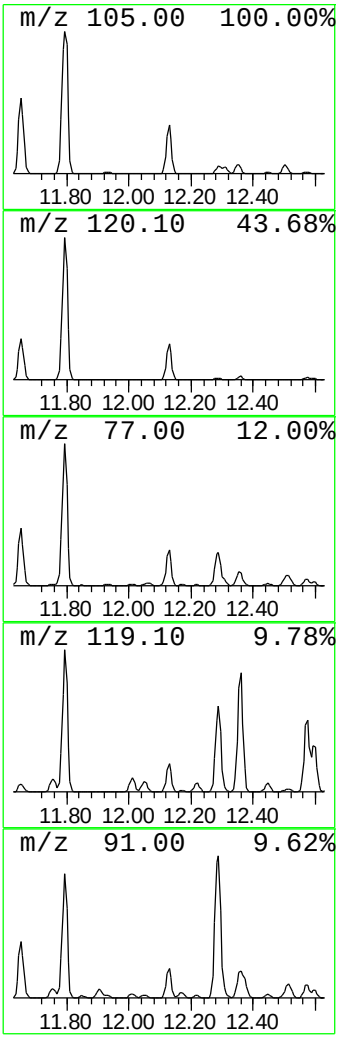
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.13 | 97.66 ug/l | 9551660 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

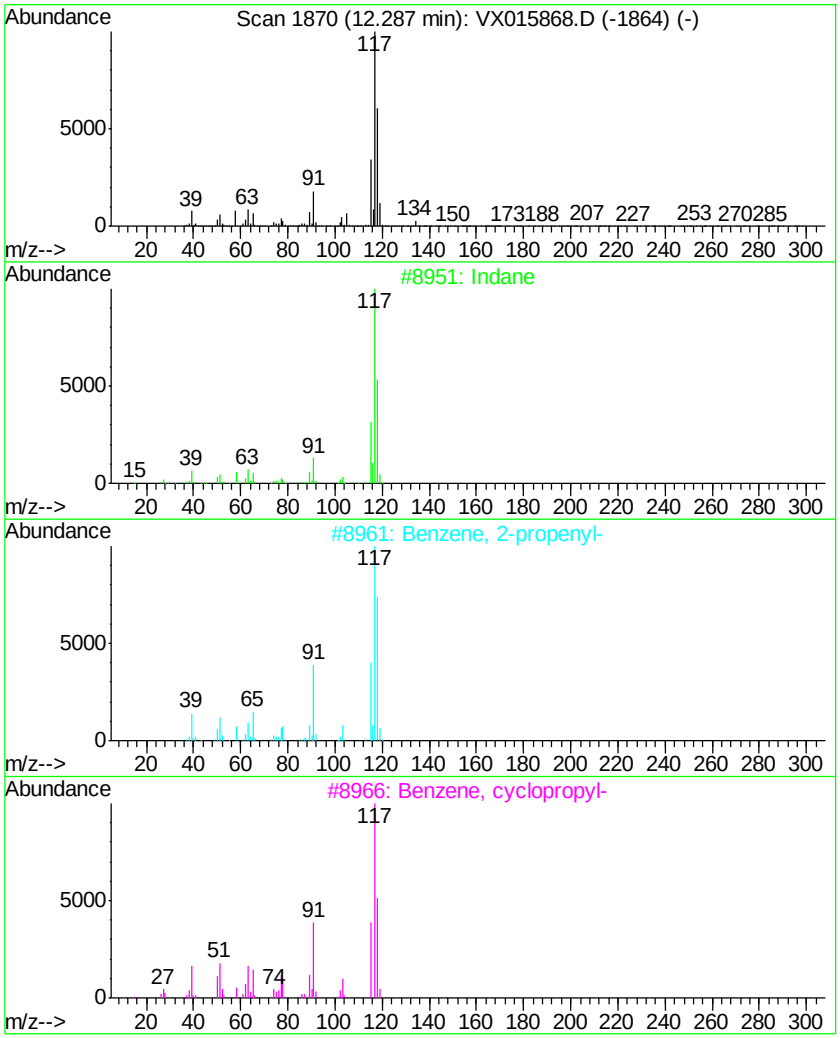
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

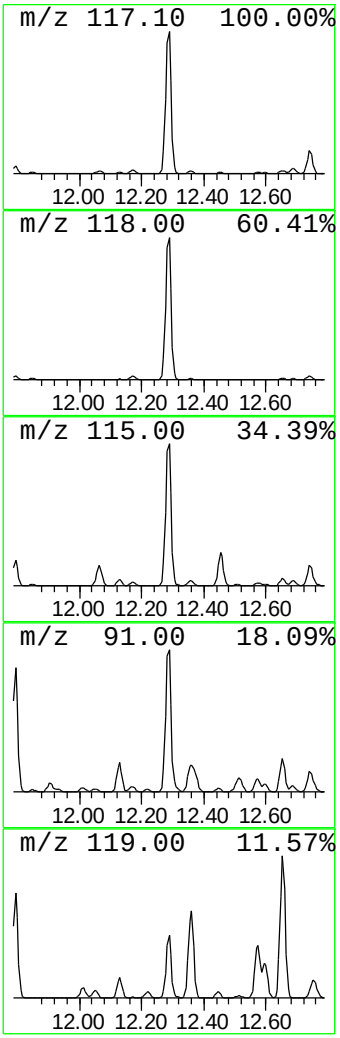
**********

Peak Number 9 Indane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.29 | 342.30 ug/l | 33480500 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 2 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 87 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 74 |
| 5 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 50 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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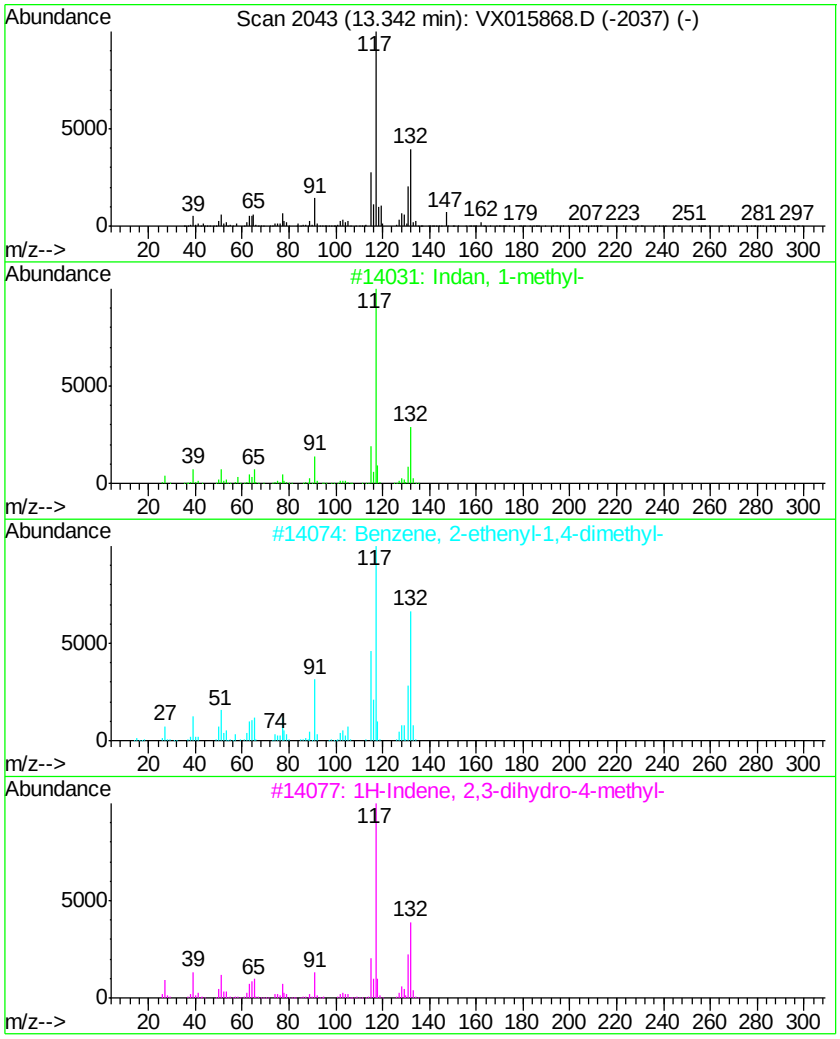
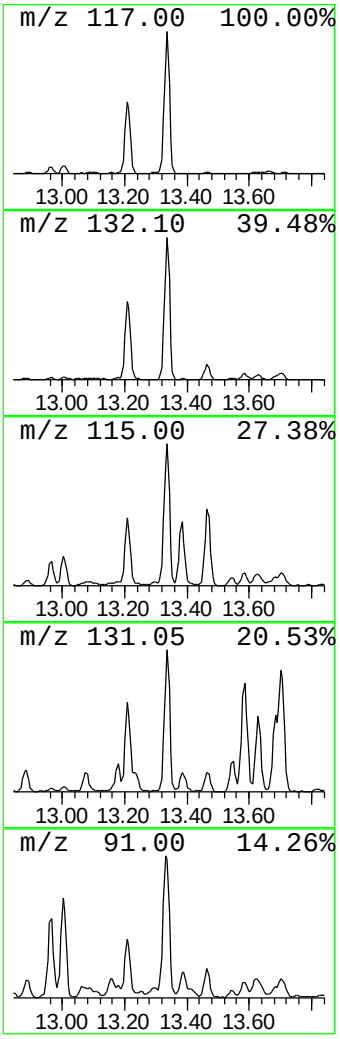
Peak Number 10 Indan, 1-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.34 | 89.82 ug/l | 8785450 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 93 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 78 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 76 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 74 |
| 5 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015868.D
Acq On : 23 Apr 2020 02:49
Operator : JC/SP
Sample : L2380-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** KY001MW022-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Cyclopentane, met... | 4.38 | 136.2 | ug/l | 7612730 | 1 | 5.64 | 2795230 | 50.0 |
| Pentane, 3-ethyl-... | 6.33 | 86.1 | ug/l | 6370960 | 2 | 6.84 | 3700040 | 50.0 |
| Cyclobutane, (1-m... | 8.20 | 77.2 | ug/l | 5715910 | 2 | 6.84 | 3700040 | 50.0 |
| 3-Pentanone, 2,4-... | 9.42 | 123.6 | ug/l | 17274000 | 3 | 10.10 | 6985650 | 50.0 |
| Benzene, 1-ethyl-... | 11.44 | 368.2 | ug/l | 36014900 | 4 | 12.06 | 4890470 | 50.0 |
| Benzene, 1,2,3-tr... | 12.13 | 97.7 | ug/l | 9551660 | 4 | 12.06 | 4890470 | 50.0 |
| Indane | 12.29 | 342.3 | ug/l | 33480500 | 4 | 12.06 | 4890470 | 50.0 |
| Indan, 1-methyl- | 13.34 | 89.8 | ug/l | 8785450 | 4 | 12.06 | 4890470 | 50.0 |