LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMXLM122321WMA.M
Title : VOC Analysis

Signal : TIC: VX026091.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.270 | 26 | 30 | 41 | rVB | 105505 | 97821 | 0.57% | 0.129% |
| 2 | 1.374 | 41 | 47 | 53 | rBV3 | 386262 | 633062 | 3.69% | 0.835% |
| 3 | 1.673 | 91 | 96 | 97 | rBV | 95412 | 104609 | 0.61% | 0.138% |
| 4 | 1.691 | 97 | 99 | 105 | rVB | 92206 | 104696 | 0.61% | 0.138% |
| 5 | 1.752 | 105 | 109 | 120 | rVB | 53744 | 73683 | 0.43% | 0.097% |
| 6 | 1.971 | 139 | 145 | 155 | rVB2 | 52107 | 105623 | 0.62% | 0.139% |
| 7 | 2.075 | 156 | 162 | 168 | rBV | 52366 | 73914 | 0.43% | 0.097% |
| 8 | 2.221 | 181 | 186 | 194 | rVB | 145909 | 223482 | 1.30% | 0.295% |
| 9 | 2.319 | 194 | 202 | 209 | rBV3 | 253004 | 563247 | 3.28% | 0.743% |
| 10 | 2.386 | 209 | 213 | 226 | rVB | 85192 | 153791 | 0.90% | 0.203% |
| 11 | 2.794 | 276 | 280 | 289 | rVB2 | 57036 | 98137 | 0.57% | 0.129% |
| 12 | 3.617 | 402 | 415 | 429 | rBV | 891423 | 2156753 | 12.57% | 2.843% |
| 13 | 3.739 | 429 | 435 | 444 | rVB2 | 30596 | 75396 | 0.44% | 0.099% |
| 14 | 4.312 | 521 | 529 | 534 | rBV2 | 29935 | 86891 | 0.51% | 0.115% |
| 15 | 4.489 | 543 | 558 | 586 | rVB2 | 706859 | 2299015 | 13.40% | 3.031% |
| 16 | 5.062 | 640 | 652 | 664 | rBV | 121027 | 376998 | 2.20% | 0.497% |
| 17 | 5.196 | 664 | 674 | 691 | rVB2 | 62559 | 212243 | 1.24% | 0.280% |
| 18 | 5.391 | 691 | 706 | 717 | rBV | 849788 | 2661206 | 15.52% | 3.509% |
| 19 | 5.977 | 790 | 802 | 808 | rBV2 | 307541 | 942789 | 5.50% | 1.243% |
| 20 | 6.044 | 808 | 813 | 827 | rVB | 317394 | 796660 | 4.64% | 1.050% |
| 21 | 6.202 | 831 | 839 | 847 | rBV | 34459 | 95895 | 0.56% | 0.126% |
| 22 | 6.348 | 855 | 863 | 876 | rVB7 | 26764 | 105118 | 0.61% | 0.139% |
| 23 | 6.763 | 922 | 931 | 941 | rBV | 227904 | 596663 | 3.48% | 0.787% |
| 24 | 7.129 | 984 | 991 | 997 | rBV2 | 187825 | 436993 | 2.55% | 0.576% |
| 25 | 7.312 | 1013 | 1021 | 1028 | rBV | 199841 | 441638 | 2.57% | 0.582% |
| 26 | 7.385 | 1028 | 1033 | 1039 | rVV | 48263 | 103602 | 0.60% | 0.137% |
| 27 | 7.799 | 1093 | 1101 | 1109 | rBV | 1167776 | 2032394 | 11.85% | 2.680% |
| 28 | 8.147 | 1144 | 1158 | 1163 | rBV | 62194 | 123772 | 0.72% | 0.163% |
| 29 | 8.324 | 1181 | 1187 | 1200 | rVB | 148737 | 268011 | 1.56% | 0.353% |
| 30 | 8.507 | 1211 | 1217 | 1220 | rBV | 68077 | 111438 | 0.65% | 0.147% |
| 31 | 8.574 | 1220 | 1228 | 1235 | rVV2 | 522405 | 1098776 | 6.41% | 1.449% |
| 32 | 8.653 | 1235 | 1241 | 1246 | rVV | 490707 | 769900 | 4.49% | 1.015% |
| 33 | 8.726 | 1246 | 1253 | 1260 | rVV | 10943354 | 17151891 | 100.00% | 22.613% |
| 34 | 8.952 | 1283 | 1290 | 1296 | rBV2 | 123081 | 183574 | 1.07% | 0.242% |
| 35 | 9.013 | 1296 | 1300 | 1308 | rVB | 85748 | 139498 | 0.81% | 0.184% |
| 36 | 9.098 | 1308 | 1314 | 1321 | rBV | 79013 | 137973 | 0.80% | 0.182% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMXLM122321WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.171 | 1321 | 1326 | 1333 | rVB3 | 38401 | 73801 | 0.43% | 0.097% |
| 38 | 9.244 | 1333 | 1338 | 1340 | rBV | 58645 | 84168 | 0.49% | 0.111% |
| 39 | 9.275 | 1340 | 1343 | 1347 | rVV | 84505 | 121811 | 0.71% | 0.161% |
| 40 | 9.342 | 1351 | 1354 | 1357 | rVV | 123523 | 160049 | 0.93% | 0.211% |
| 41 | 9.385 | 1357 | 1361 | 1366 | rVV | 475853 | 648082 | 3.78% | 0.854% |
| 42 | 9.433 | 1366 | 1369 | 1372 | rVV | 72651 | 102772 | 0.60% | 0.135% |
| 43 | 9.482 | 1372 | 1377 | 1384 | rVV | 2001350 | 2742779 | 15.99% | 3.616% |
| 44 | 9.580 | 1388 | 1393 | 1404 | rVB | 212013 | 312685 | 1.82% | 0.412% |
| 45 | 9.915 | 1443 | 1448 | 1458 | rBV | 1202092 | 1471687 | 8.58% | 1.940% |
| 46 | 10.055 | 1459 | 1471 | 1475 | rBV | 494771 | 828402 | 4.83% | 1.092% |
| 47 | 10.092 | 1475 | 1477 | 1483 | rVB2 | 119271 | 165316 | 0.96% | 0.218% |
| 48 | 10.195 | 1489 | 1494 | 1500 | rBV | 1550297 | 1915582 | 11.17% | 2.526% |
| 49 | 10.305 | 1504 | 1512 | 1518 | rVB | 4229893 | 5897442 | 34.38% | 7.775% |
| 50 | 10.403 | 1518 | 1528 | 1531 | rBV2 | 146752 | 268732 | 1.57% | 0.354% |
| 51 | 10.445 | 1531 | 1535 | 1541 | rVB | 293601 | 434224 | 2.53% | 0.572% |
| 52 | 10.640 | 1563 | 1567 | 1572 | rVV | 2561498 | 3397808 | 19.81% | 4.480% |
| 53 | 10.768 | 1581 | 1588 | 1598 | rBV2 | 561423 | 946518 | 5.52% | 1.248% |
| 54 | 10.903 | 1605 | 1610 | 1615 | rVB3 | 131582 | 224208 | 1.31% | 0.296% |
| 55 | 10.964 | 1615 | 1620 | 1626 | rVB | 153057 | 206310 | 1.20% | 0.272% |
| 56 | 11.085 | 1634 | 1640 | 1644 | rBV5 | 62927 | 125050 | 0.73% | 0.165% |
| 57 | 11.195 | 1649 | 1658 | 1662 | rVV2 | 422488 | 852201 | 4.97% | 1.124% |
| 58 | 11.274 | 1667 | 1671 | 1673 | rBV | 192796 | 235545 | 1.37% | 0.311% |
| 59 | 11.305 | 1673 | 1676 | 1681 | rVV | 257797 | 357426 | 2.08% | 0.471% |
| 60 | 11.378 | 1681 | 1688 | 1695 | rVV | 850613 | 1585289 | 9.24% | 2.090% |
| 61 | 11.451 | 1695 | 1700 | 1712 | rVB | 504055 | 744095 | 4.34% | 0.981% |
| 62 | 11.573 | 1712 | 1720 | 1723 | rBV3 | 64314 | 108157 | 0.63% | 0.143% |
| 63 | 11.616 | 1723 | 1727 | 1736 | rVB | 524958 | 697320 | 4.07% | 0.919% |
| 64 | 11.701 | 1736 | 1741 | 1745 | rBV5 | 54846 | 89504 | 0.52% | 0.118% |
| 65 | 11.756 | 1745 | 1750 | 1754 | rBV | 1742095 | 2188861 | 12.76% | 2.886% |
| 66 | 11.799 | 1754 | 1757 | 1761 | rVV | 160652 | 179266 | 1.05% | 0.236% |
| 67 | 11.841 | 1761 | 1764 | 1767 | rVV | 88423 | 99585 | 0.58% | 0.131% |
| 68 | 11.890 | 1767 | 1772 | 1779 | rVB4 | 128041 | 228030 | 1.33% | 0.301% |
| 69 | 11.969 | 1779 | 1785 | 1789 | rBV2 | 646388 | 790577 | 4.61% | 1.042% |
| 70 | 12.024 | 1789 | 1794 | 1800 | rVB2 | 621619 | 829938 | 4.84% | 1.094% |
| 71 | 12.091 | 1800 | 1805 | 1812 | rBV | 938382 | 1307945 | 7.63% | 1.724% |
| 72 | 12.152 | 1812 | 1815 | 1822 | rVB2 | 138152 | 181492 | 1.06% | 0.239% |
| 73 | 12.244 | 1822 | 1830 | 1838 | rBV4 | 528414 | 997109 | 5.81% | 1.315% |
| 74 | 12.323 | 1838 | 1843 | 1851 | rVB3 | 806618 | 1195195 | 6.97% | 1.576% |
| 75 | 12.414 | 1854 | 1858 | 1862 | rVV3 | 52030 | 70181 | 0.41% | 0.093% |
| 76 | 12.463 | 1862 | 1866 | 1871 | rVB | 117800 | 162384 | 0.95% | 0.214% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMXLM122321WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 12.530 | 1871 | 1877 | 1879 | rBV | 154973 | 213759 | 1.25% | 0.282% |
| 78 | 12.555 | 1879 | 1881 | 1885 | rVV | 116522 | 133939 | 0.78% | 0.177% |
| 79 | 12.616 | 1887 | 1891 | 1894 | rVV | 192683 | 218740 | 1.28% | 0.288% |
| 80 | 12.701 | 1898 | 1905 | 1912 | rVV2 | 460931 | 732733 | 4.27% | 0.966% |
| 81 | 12.768 | 1912 | 1916 | 1918 | rVV3 | 102183 | 153795 | 0.90% | 0.203% |
| 82 | 12.799 | 1918 | 1921 | 1924 | rVB | 158688 | 186693 | 1.09% | 0.246% |
| 83 | 12.847 | 1924 | 1929 | 1935 | rVB3 | 104101 | 163137 | 0.95% | 0.215% |
| 84 | 12.908 | 1935 | 1939 | 1945 | rBV2 | 284663 | 476810 | 2.78% | 0.629% |
| 85 | 12.963 | 1945 | 1948 | 1953 | rVV | 261274 | 320435 | 1.87% | 0.422% |
| 86 | 13.018 | 1953 | 1957 | 1961 | rVB2 | 60650 | 74471 | 0.43% | 0.098% |
| 87 | 13.170 | 1978 | 1982 | 1985 | rVB | 119051 | 131624 | 0.77% | 0.174% |
| 88 | 13.292 | 1992 | 2002 | 2008 | rBV2 | 459168 | 756956 | 4.41% | 0.998% |
| 89 | 13.426 | 2016 | 2024 | 2025 | rBV3 | 147179 | 212557 | 1.24% | 0.280% |
| 90 | 13.585 | 2046 | 2050 | 2057 | rVB5 | 76985 | 139282 | 0.81% | 0.184% |
| 91 | 13.664 | 2057 | 2063 | 2071 | rVB4 | 71678 | 156045 | 0.91% | 0.206% |
| 92 | 13.774 | 2074 | 2081 | 2086 | rBV | 866083 | 1255226 | 7.32% | 1.655% |
| 93 | 13.859 | 2091 | 2095 | 2100 | rBV3 | 90787 | 149113 | 0.87% | 0.197% |
| 94 | 13.926 | 2102 | 2106 | 2111 | rVV2 | 111664 | 153911 | 0.90% | 0.203% |
| 95 | 14.219 | 2149 | 2154 | 2158 | rBV3 | 61430 | 119160 | 0.69% | 0.157% |
| 96 | 14.640 | 2218 | 2223 | 2233 | rVB | 520252 | 666052 | 3.88% | 0.878% |
| 97 | 14.780 | 2242 | 2246 | 2252 | rBV | 376654 | 477538 | 2.78% | 0.630% |
| 98 | 15.481 | 2355 | 2361 | 2365 | rBV | 48780 | 81230 | 0.47% | 0.107% |
| 99 | 15.615 | 2374 | 2383 | 2387 | rBV | 82446 | 141991 | 0.83% | 0.187% |
| 100 | 15.841 | 2410 | 2420 | 2430 | rVB4 | 25213 | 69144 | 0.40% | 0.091% |

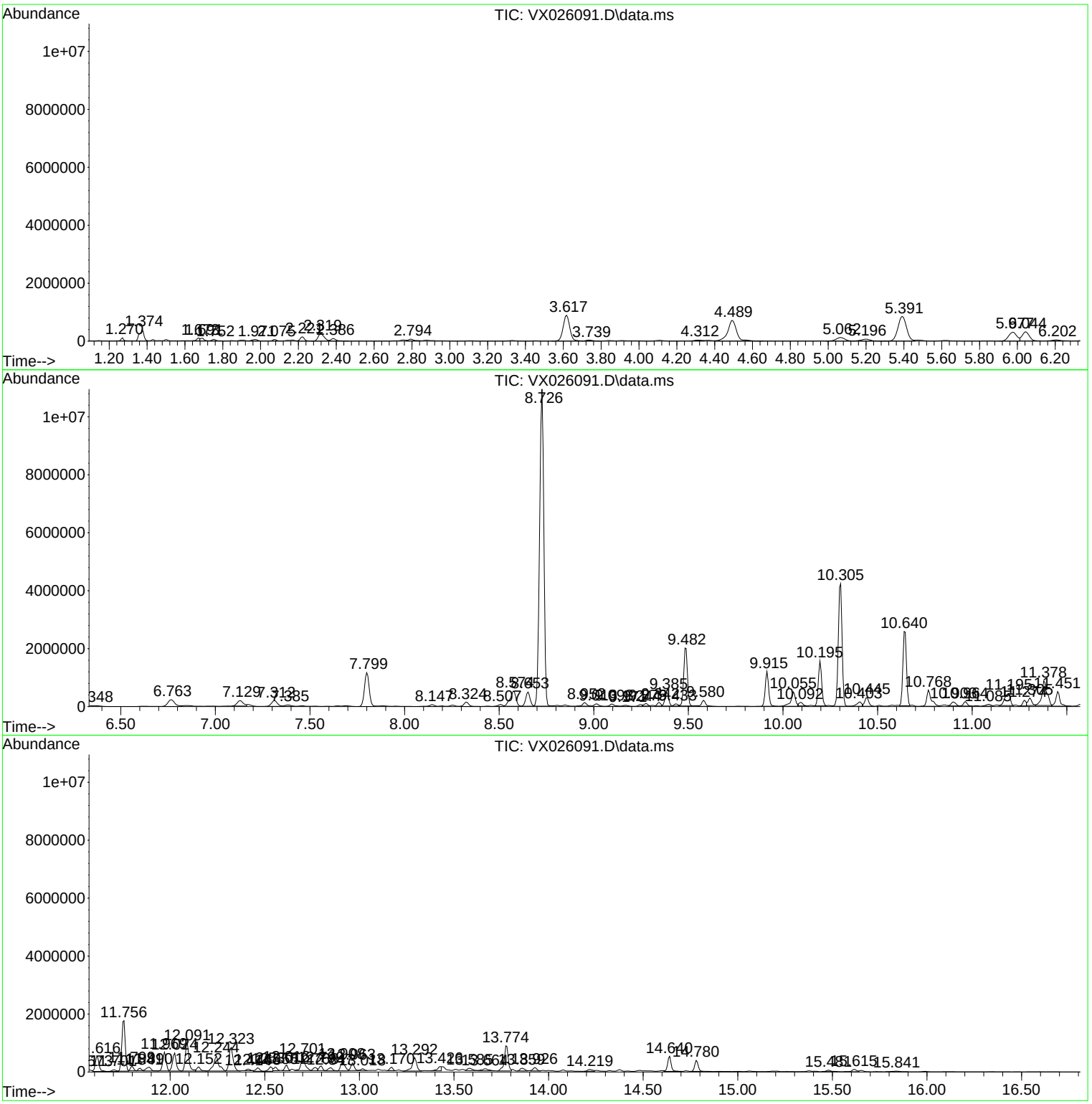
Sum of corrected areas: 75849019

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

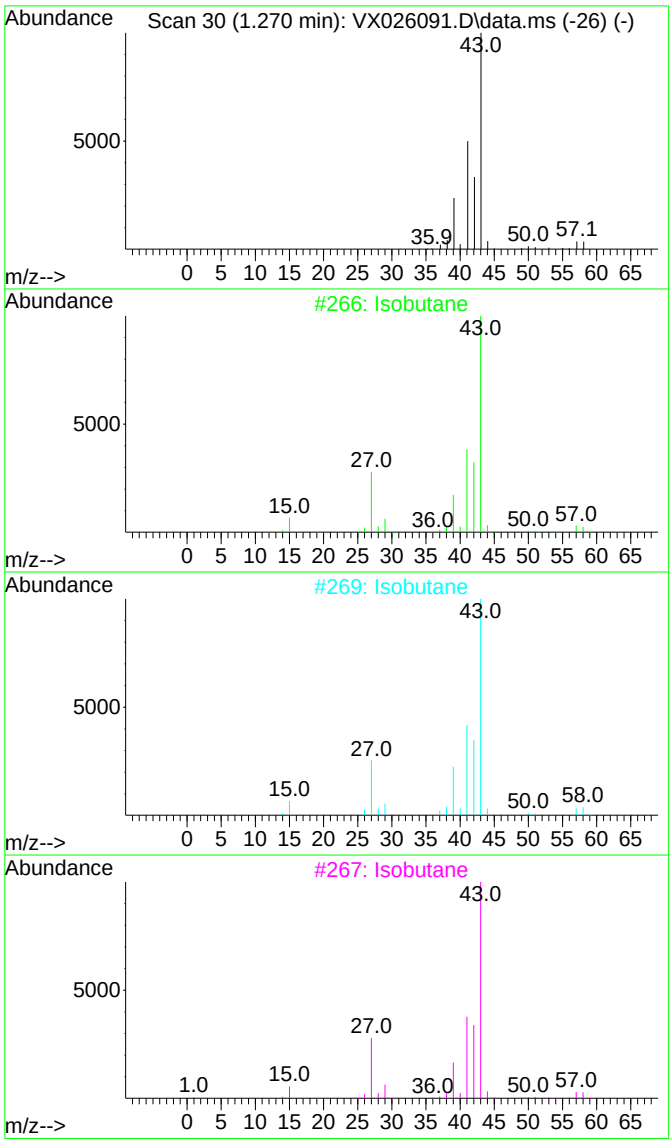
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

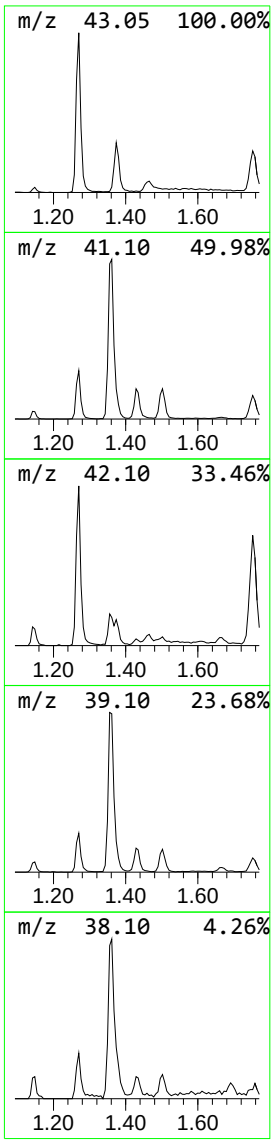
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.270 | 8.20 ug/L | 97821 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isobutane | 58 | C4H10 | 000075-28-5 | 64 |
| 2 | Isobutane | 58 | C4H10 | 000075-28-5 | 64 |
| 3 | Isobutane | 58 | C4H10 | 000075-28-5 | 64 |
| 4 | Isobutane | 58 | C4H10 | 000075-28-5 | 59 |
| 5 | Isobutane | 58 | C4H10 | 000075-28-5 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

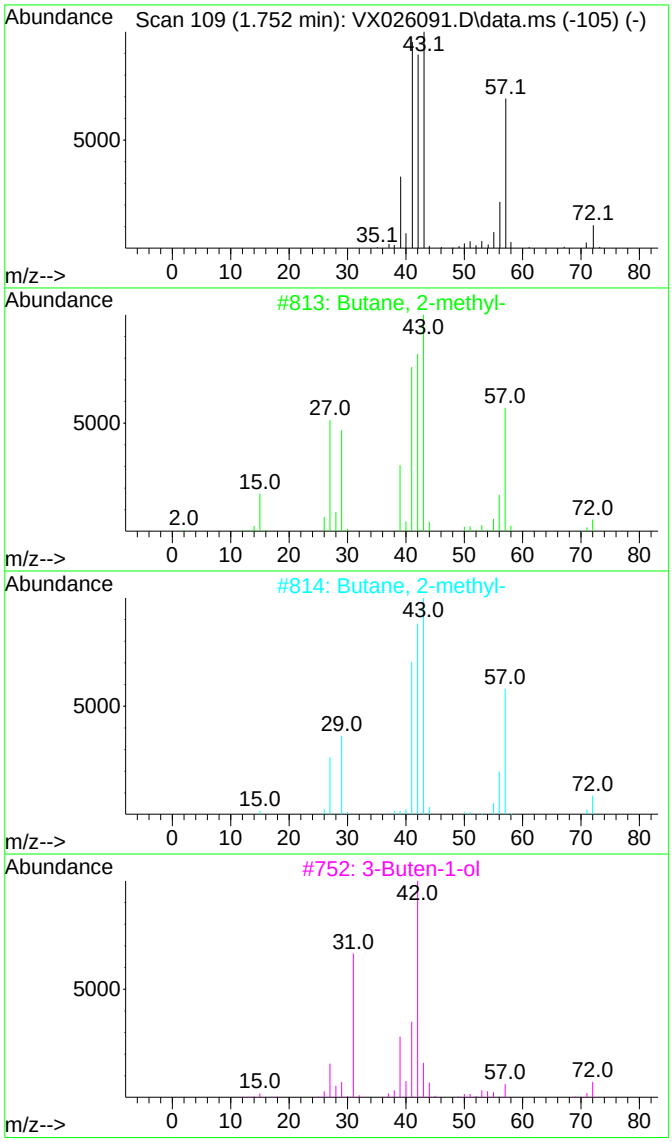
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

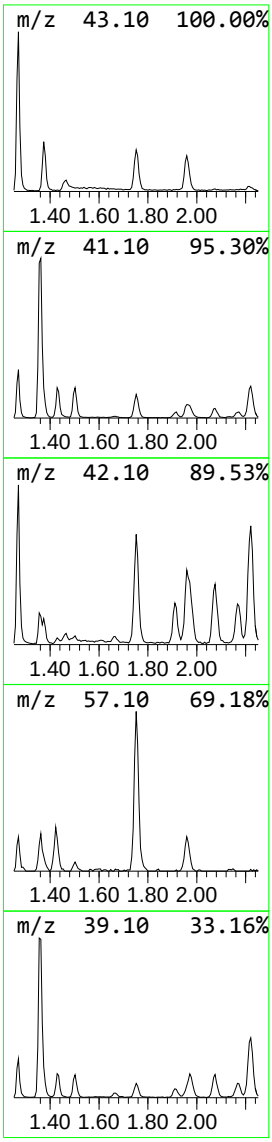
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.752 | 6.17 ug/L | 73683 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 90 |
| 2 | Butane, 2-methyl- | 72 | C5H12 | 000078-78-4 | 90 |
| 3 | 3-Buten-1-ol | 72 | C4H8O | 000627-27-0 | 38 |
| 4 | 1,3-Dimethyldiaziridine | 72 | C3H8N2 | 026177-36-6 | 33 |
| 5 | 1-Butene | 56 | C4H8 | 000106-98-9 | 11 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

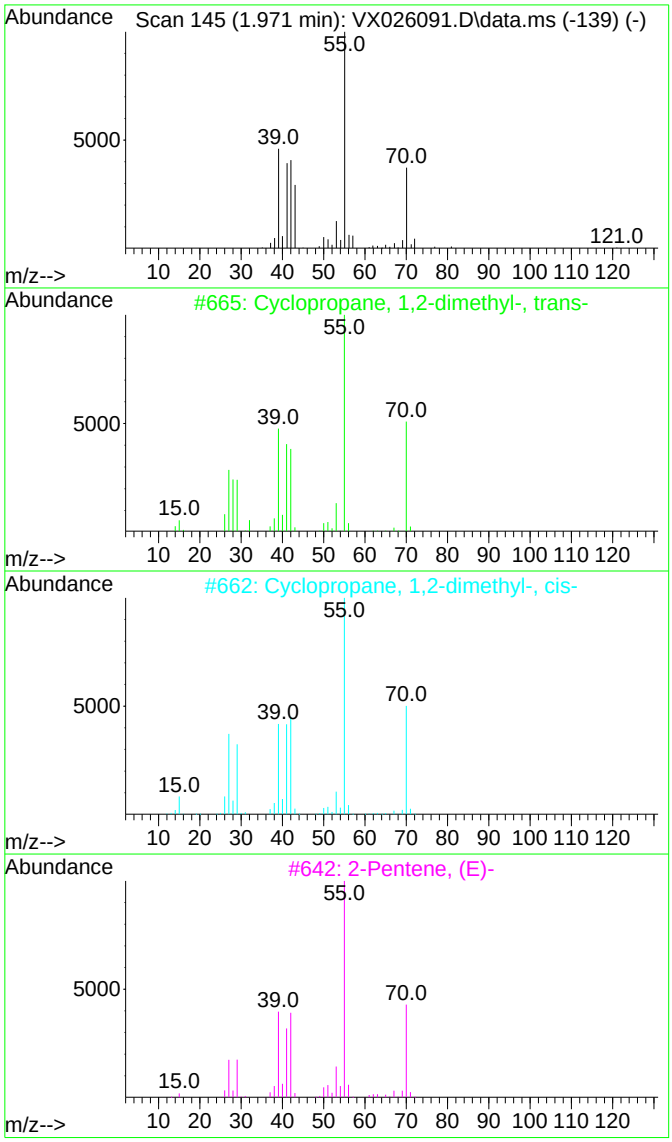
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

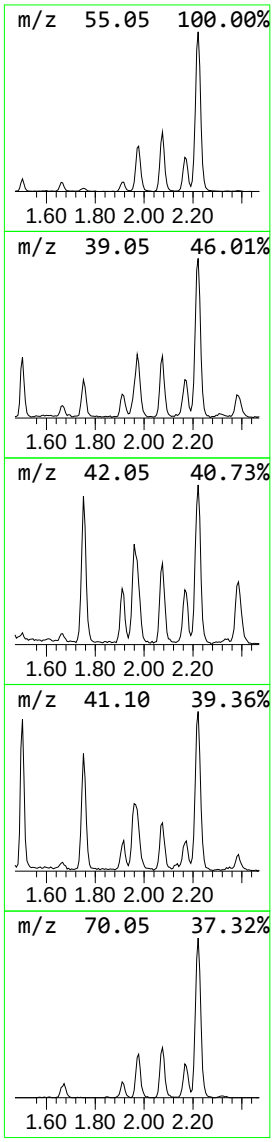
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Cyclic1.971 Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.971 | 8.85 ug/L | 105623 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,2-dimethyl-, trans- | 70 | C5H10 | 002402-06-4 | 90 |
| 2 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 87 |
| 3 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 87 |
| 4 | 2-Methyl-1-butene | 70 | C5H10 | 000563-46-2 | 86 |
| 5 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 86 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

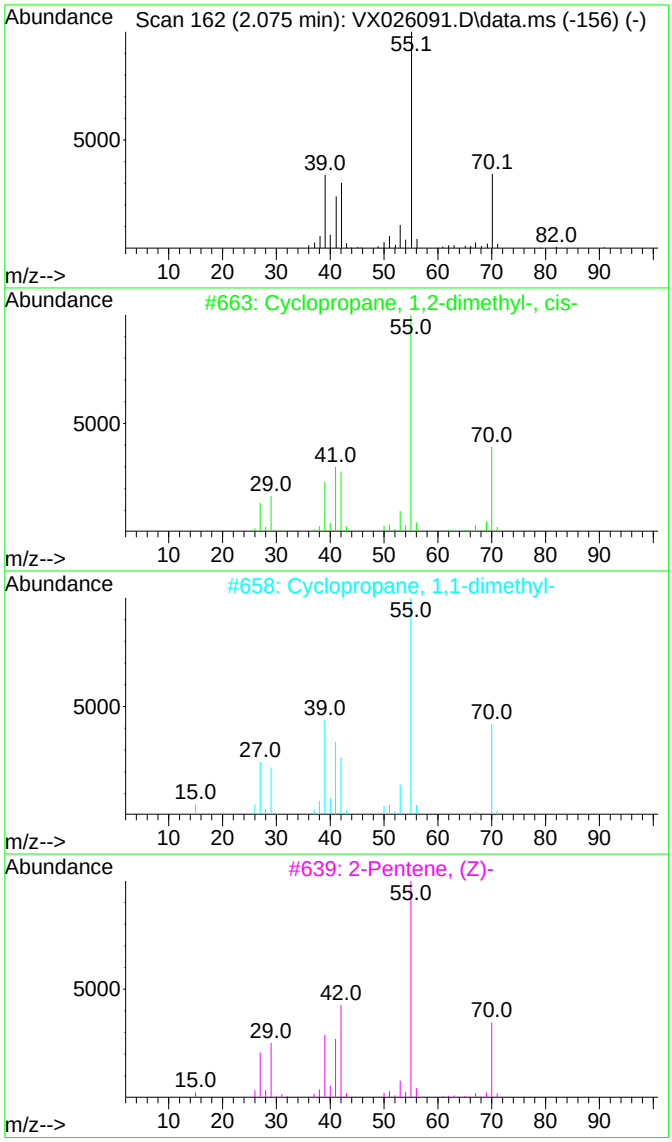
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

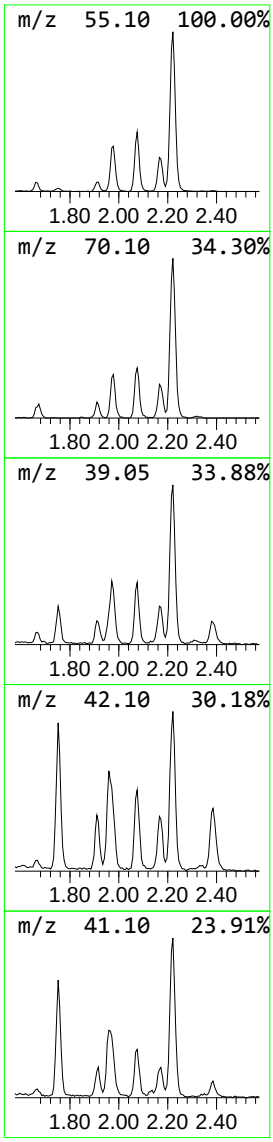
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Cyclic2.075 Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.075 | 6.19 ug/L | 73914 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 91 |
| 2 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 90 |
| 3 | 2-Pentene, (Z)- | 70 | C5H10 | 000627-20-3 | 90 |
| 4 | Cyclopropane, 1,1-dimethyl- | 70 | C5H10 | 001630-94-0 | 90 |
| 5 | 2-Methyl-1-butene | 70 | C5H10 | 000563-46-2 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

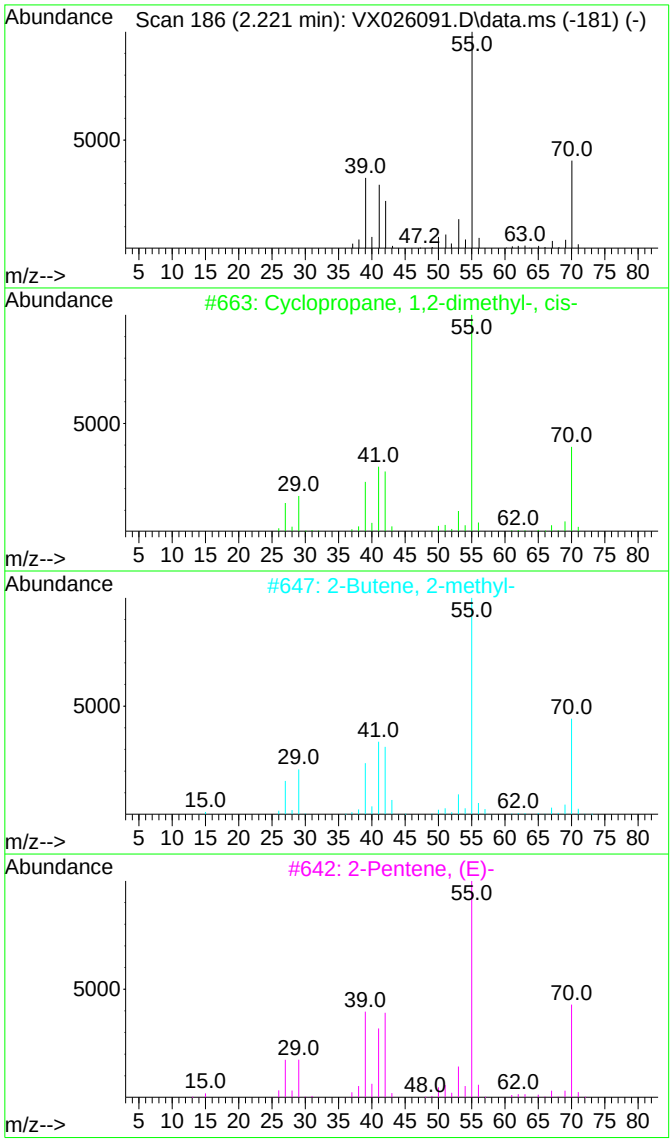
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

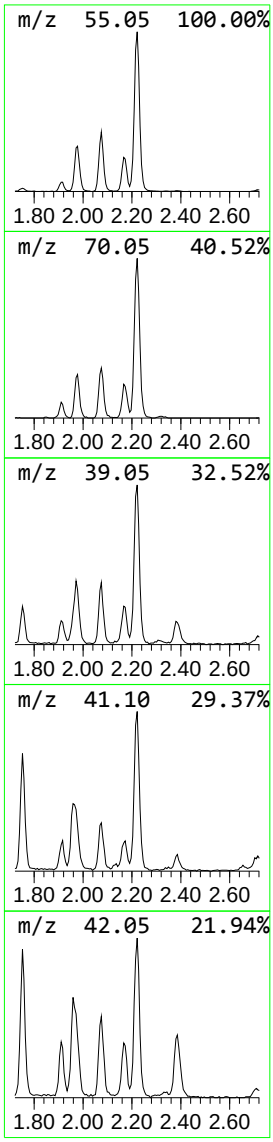
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Cyclic2.221 Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.221 | 18.73 ug/L | 223482 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1,2-dimethyl-, cis- | 70 | C5H10 | 000930-18-7 | 91 |
| 2 | 2-Butene, 2-methyl- | 70 | C5H10 | 000513-35-9 | 91 |
| 3 | 2-Pentene, (E)- | 70 | C5H10 | 000646-04-8 | 87 |
| 4 | 1-Butene, 3-methyl- | 70 | C5H10 | 000563-45-1 | 86 |
| 5 | Cyclopropane, 1,2-dimethyl-, trans- | 70 | C5H10 | 002402-06-4 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

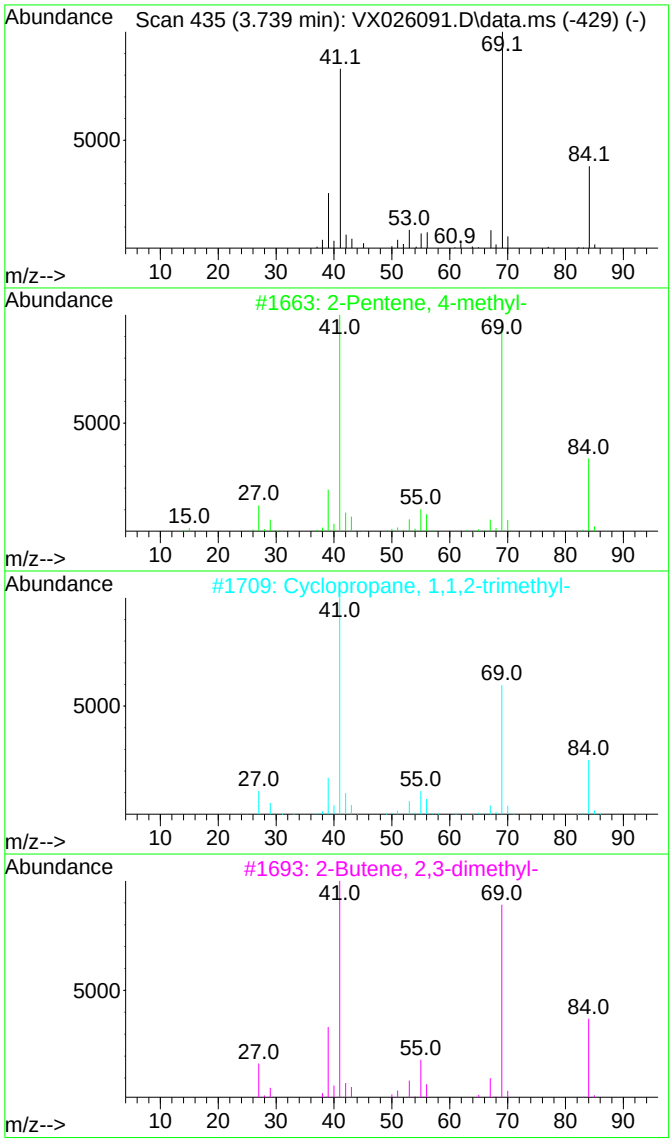
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

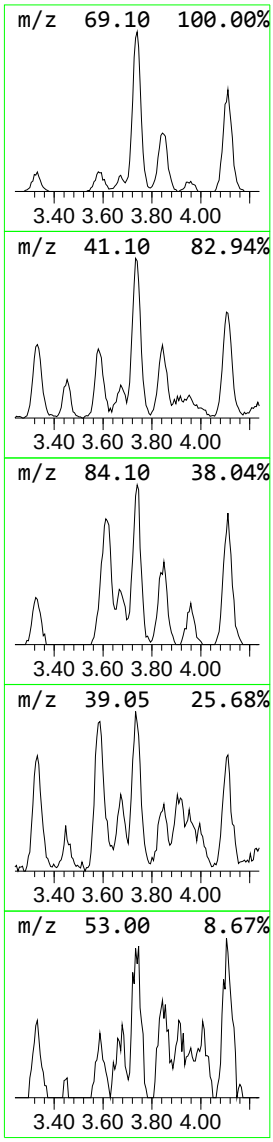
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.739 | 6.32 ug/L | 75396 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentene, 4-methyl- | 84 | C6H12 | 004461-48-7 | 91 |
| 2 | Cyclopropane, 1,1,2-trimethyl- | 84 | C6H12 | 004127-45-1 | 90 |
| 3 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 90 |
| 4 | 1-Butene, 3,3-dimethyl- | 84 | C6H12 | 000558-37-2 | 90 |
| 5 | 1-Butene, 3,3-dimethyl- | 84 | C6H12 | 000558-37-2 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

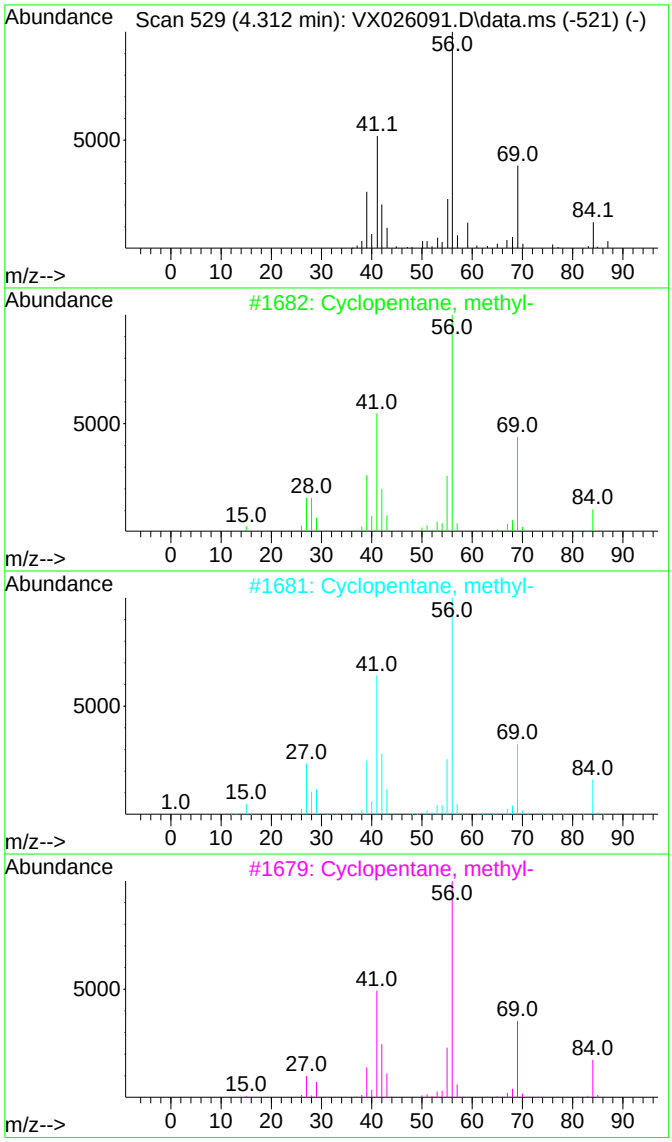
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

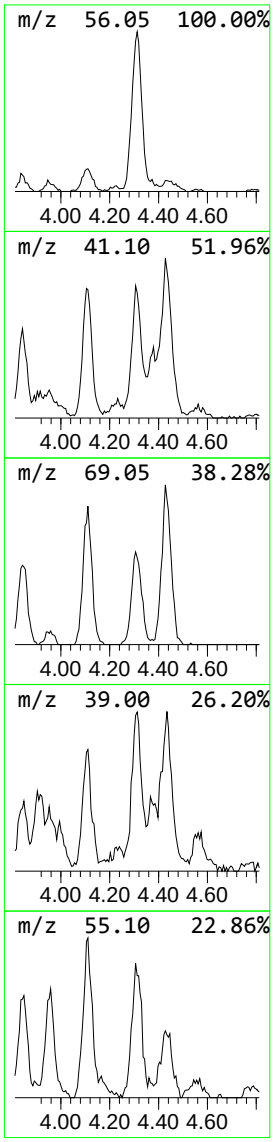
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Cyclic4.312 Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.312 | 7.28 ug/L | 86891 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 93 |
| 2 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 87 |
| 3 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 83 |
| 4 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 72 |
| 5 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

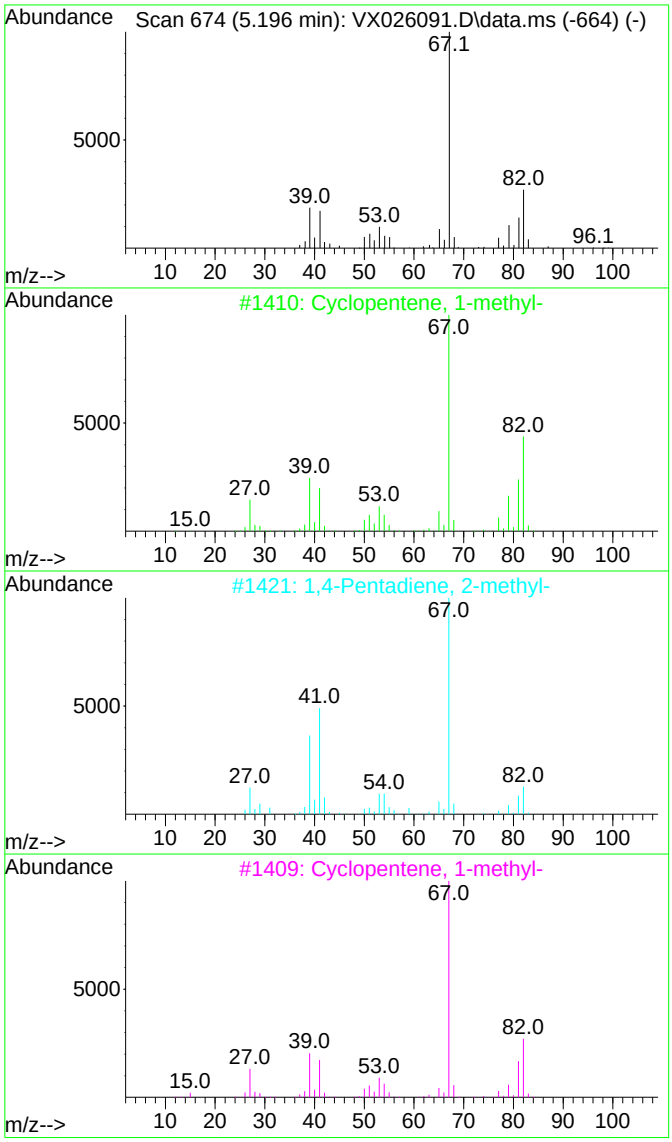
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

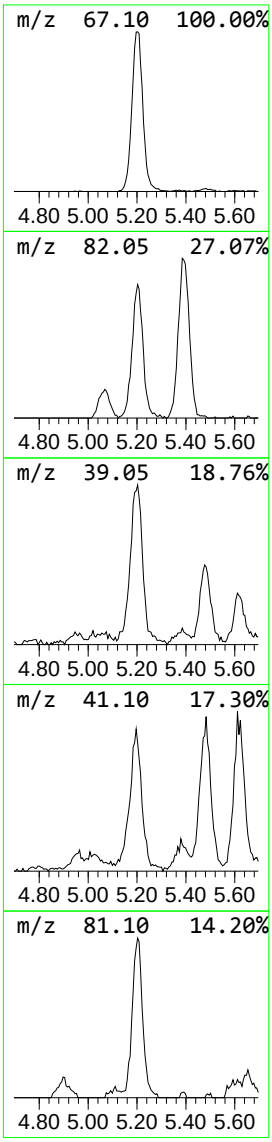
**********

Peak Number 10 Cyclopentene, 1-methyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.196 | 17.79 ug/L | 212243 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 1-methyl- | 82 | C6H10 | 000693-89-0 | 87 |
| 2 | 1,4-Pentadiene, 2-methyl- | 82 | C6H10 | 000763-30-4 | 86 |
| 3 | Cyclopentene, 1-methyl- | 82 | C6H10 | 000693-89-0 | 83 |
| 4 | Cyclopentene, 1-methyl- | 82 | C6H10 | 000693-89-0 | 83 |
| 5 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

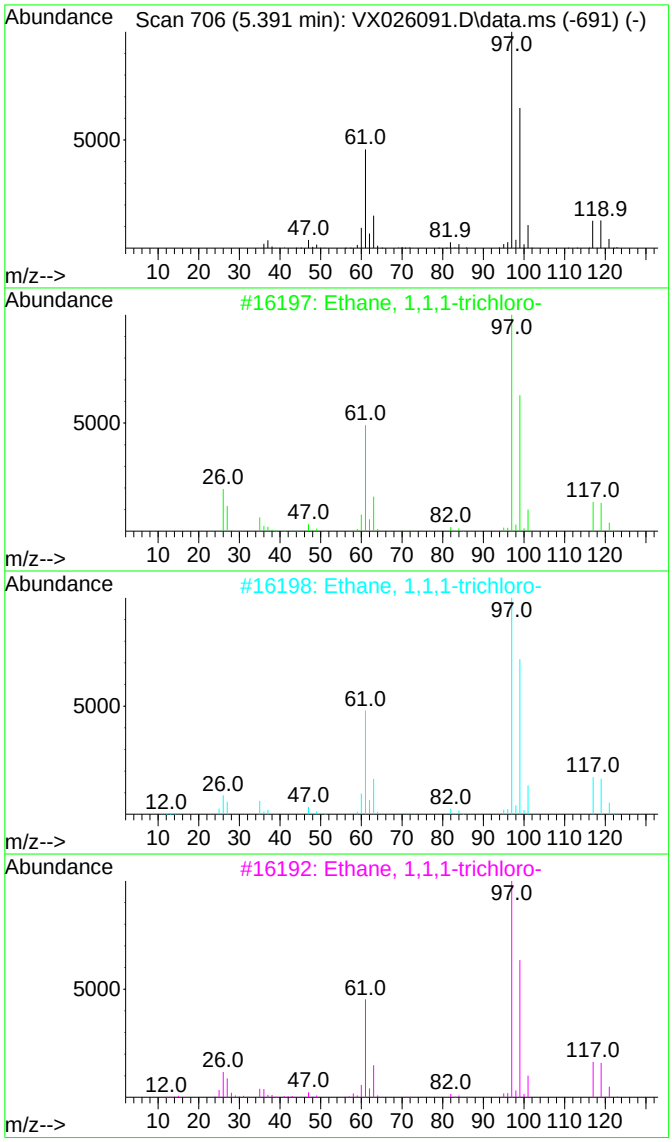
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

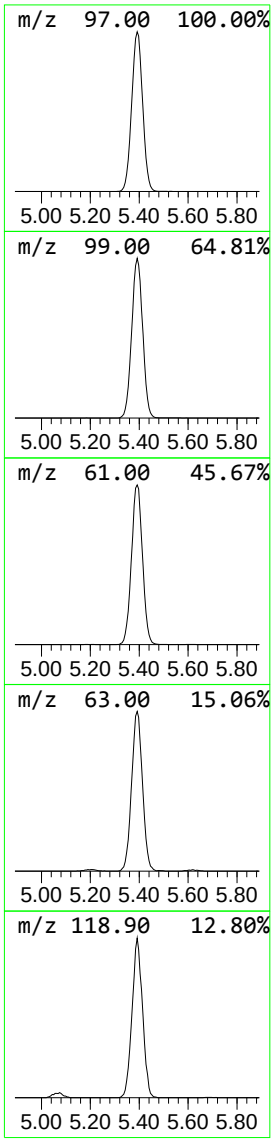
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Ethane, 1,1,1-trichloro- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.391 | 223.01 ug/L | 2661210 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, 1,1,1-trichloro- | 132 | C2H3Cl3 | 000071-55-6 | 91 |
| 2 | Ethane, 1,1,1-trichloro- | 132 | C2H3Cl3 | 000071-55-6 | 91 |
| 3 | Ethane, 1,1,1-trichloro- | 132 | C2H3Cl3 | 000071-55-6 | 90 |
| 4 | Ethane, 1,1,1-trichloro- | 132 | C2H3Cl3 | 000071-55-6 | 86 |
| 5 | Ethane, 1,1-dichloro-1-nitro- | 143 | C2H3Cl2NO2 | 000594-72-9 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

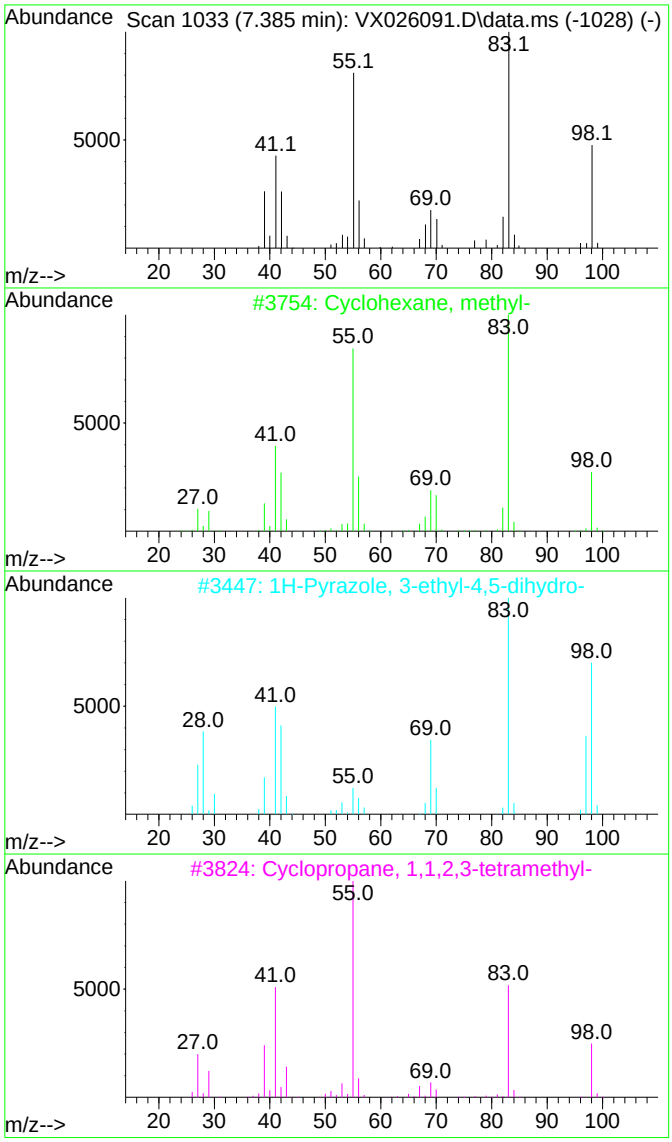
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

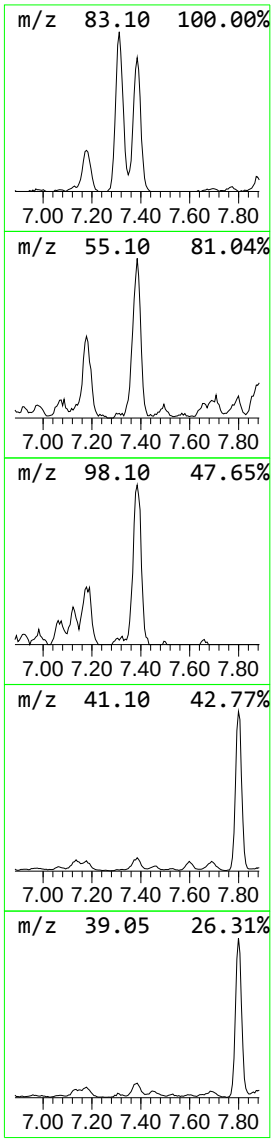
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Cyclic7.385 Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.385 | 8.68 ug/L | 103602 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, methyl- | 98 | C7H14 | 000108-87-2 | 86 |
| 2 | 1H-Pyrazole, 3-ethyl-4,5-dihydro- | 98 | C5H10N2 | 005920-29-6 | 64 |
| 3 | Cyclopropane, 1,1,2,3-tetramethyl- | 98 | C7H14 | 074752-93-5 | 59 |
| 4 | Cyclohexane, methyl- | 98 | C7H14 | 000108-87-2 | 58 |
| 5 | 2-Pentene, 2,3-dimethyl- | 98 | C7H14 | 010574-37-5 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

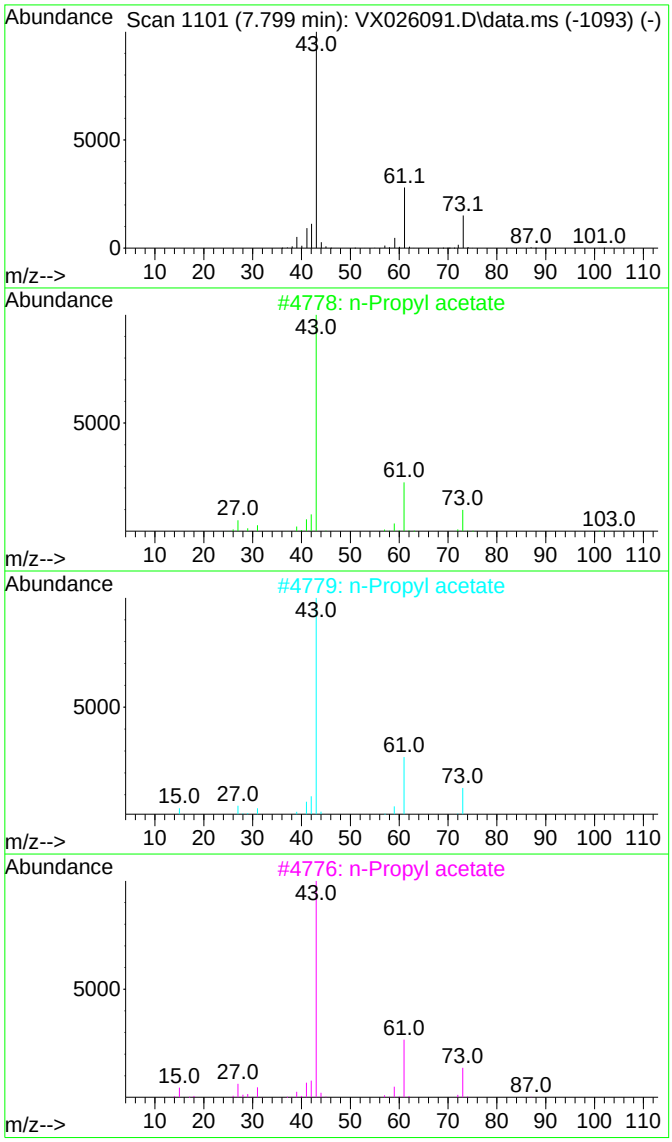
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

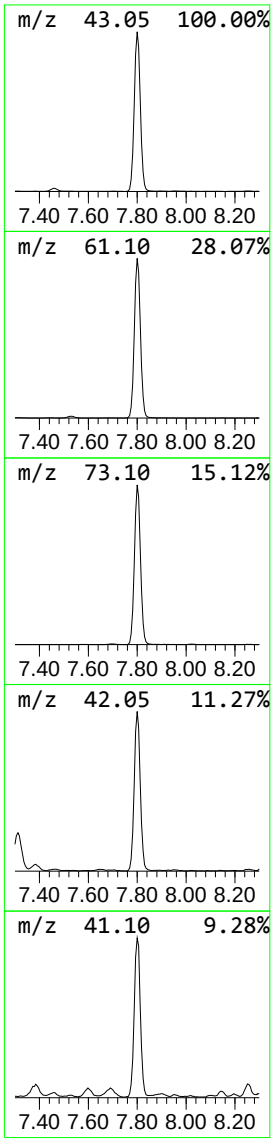
**********

Peak Number 15 n-Propyl acetate Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.799 | 170.31 ug/L | 2032390 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 83 |
| 2 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 78 |
| 3 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 78 |
| 4 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 64 |
| 5 | n-Propyl acetate | 102 | C5H10O2 | 000109-60-4 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

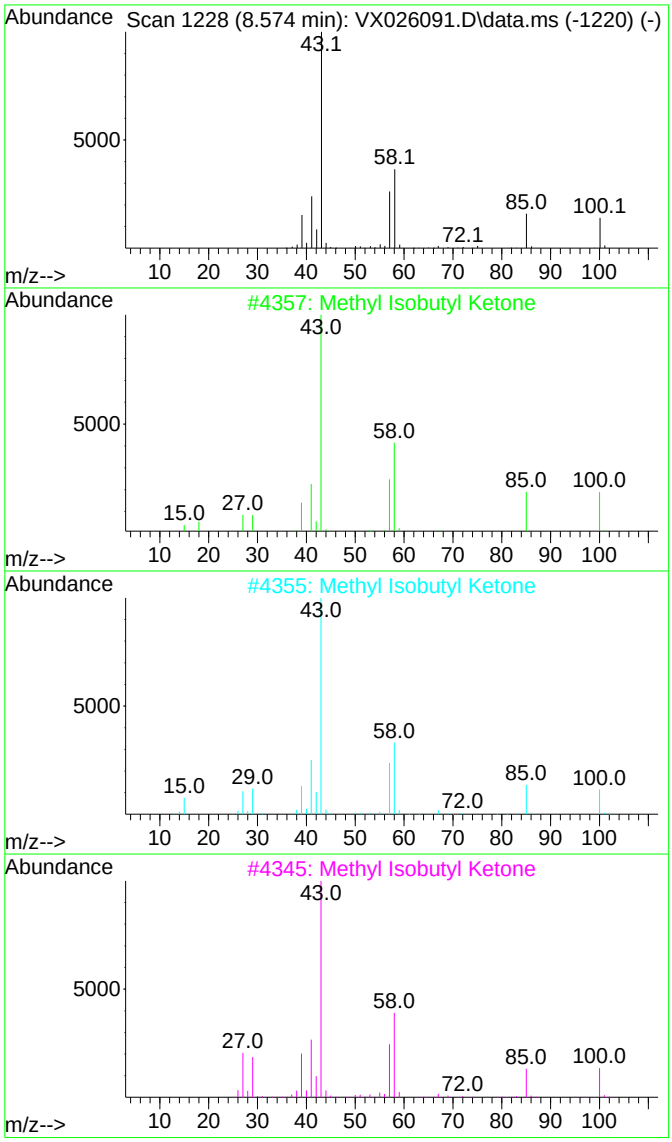
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

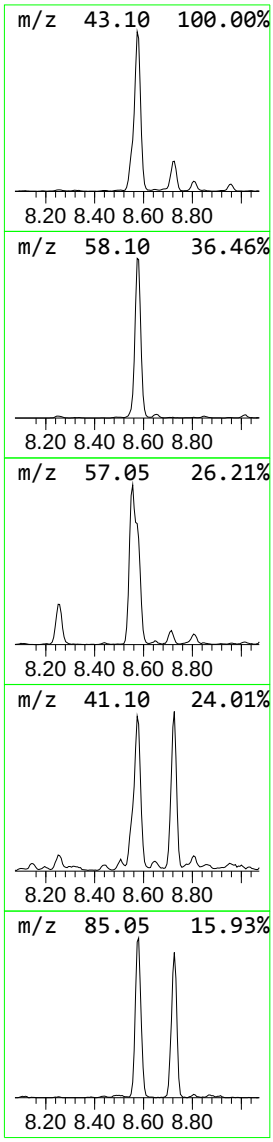
**********

Peak Number 19 Methyl Isobutyl Ketone Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.574 | 66.32 ug/L | 1098780 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl Isobutyl Ketone | 100 | C6H12O | 000108-10-1 | 91 |
| 2 | Methyl Isobutyl Ketone | 100 | C6H12O | 000108-10-1 | 86 |
| 3 | Methyl Isobutyl Ketone | 100 | C6H12O | 000108-10-1 | 80 |
| 4 | Methyl Isobutyl Ketone | 100 | C6H12O | 000108-10-1 | 80 |
| 5 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

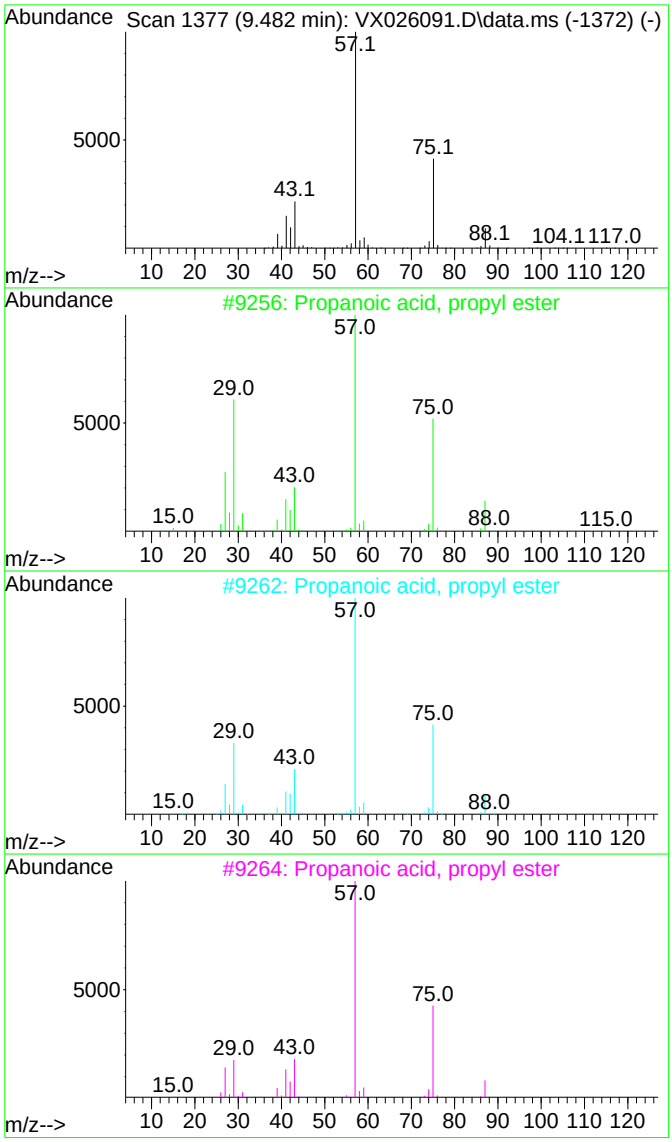
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

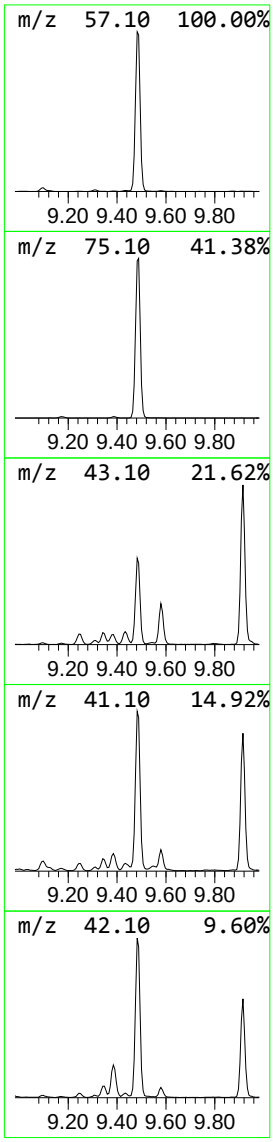
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Propanoic acid, propyl ester Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.482 | 165.55 ug/L | 2742780 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 2 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 78 |
| 3 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 78 |
| 4 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 78 |
| 5 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

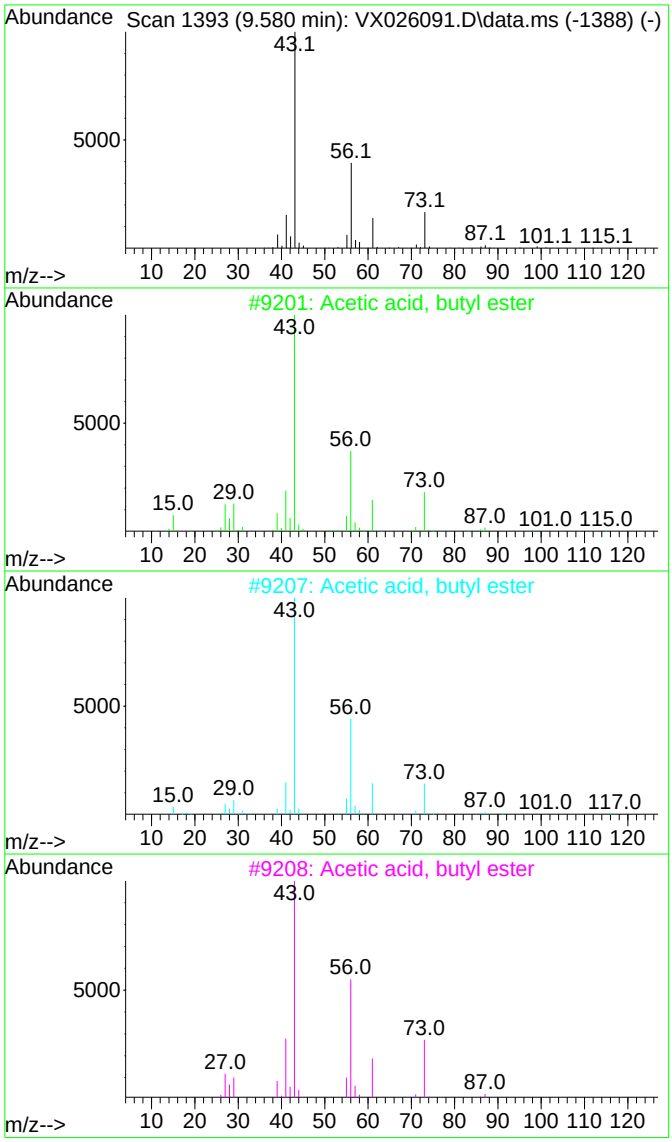
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

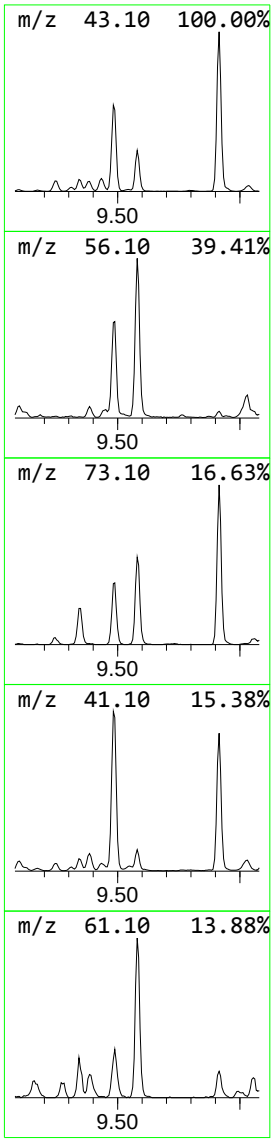
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Acetic acid, butyl ester Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.580 | 18.87 ug/L | 312685 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 83 |
| 2 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 78 |
| 3 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 72 |
| 4 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 64 |
| 5 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 39 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

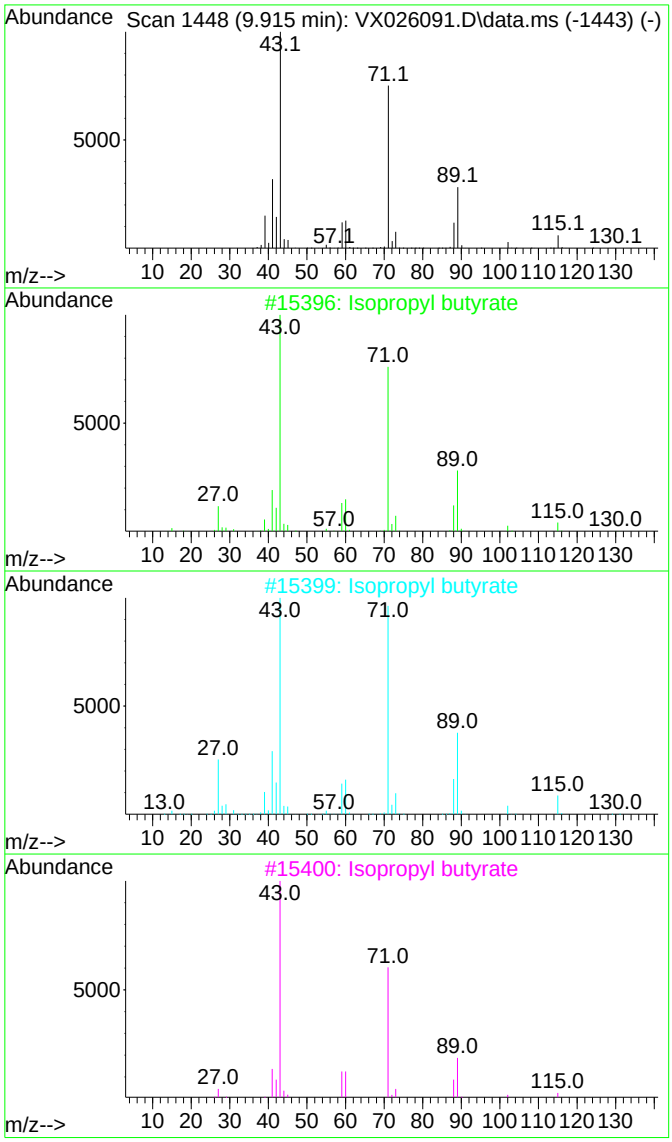
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

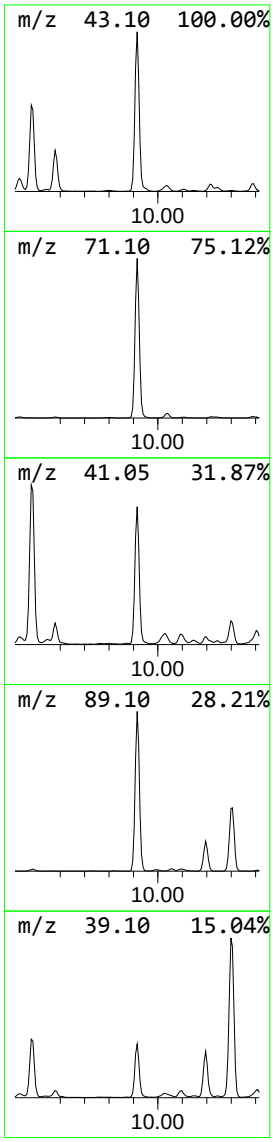
**********

Peak Number 26 Isopropyl butyrate Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.915 | 88.83 ug/L | 1471690 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 94 |
| 2 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 91 |
| 3 | Isopropyl butyrate | 130 | C7H14O2 | 000638-11-9 | 83 |
| 4 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 78 |
| 5 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

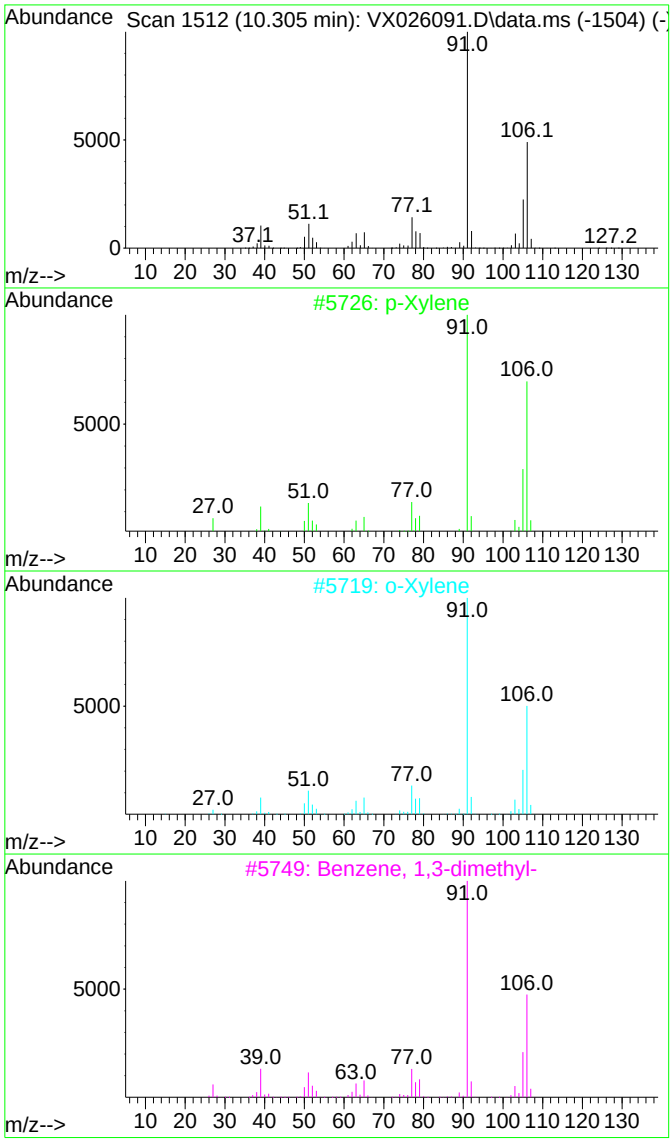
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

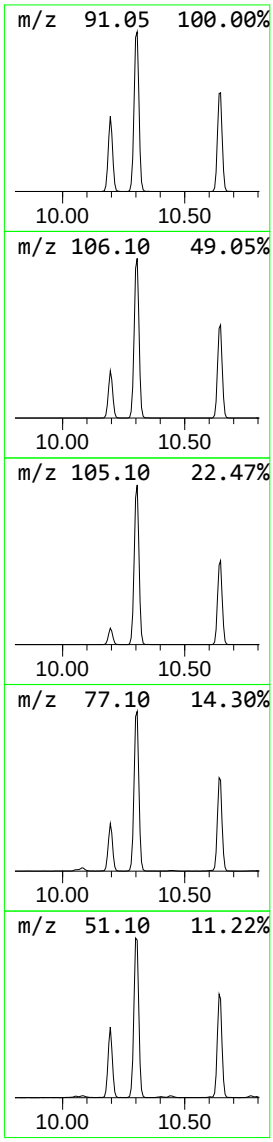
**********

Peak Number 28 p-Xylene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.305 | 355.95 ug/L | 5897440 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

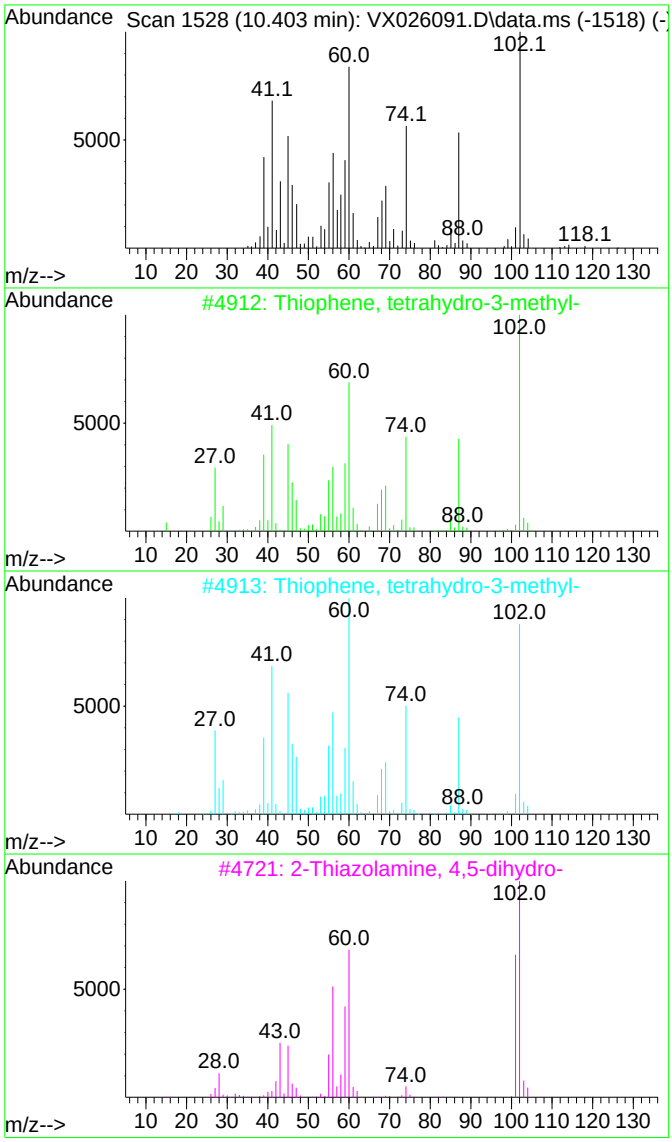
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

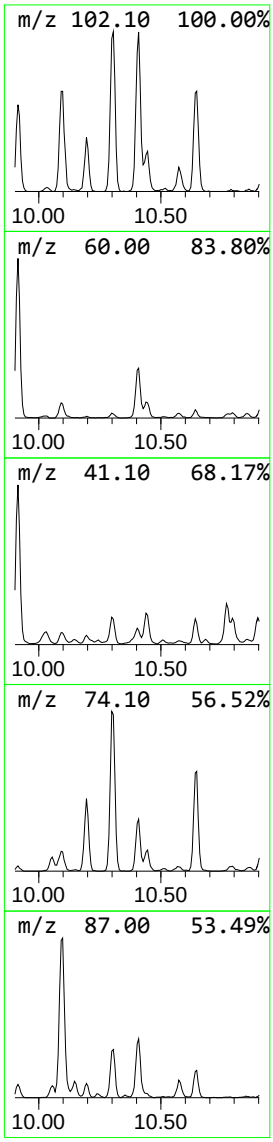
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Thiophene, tetrahydro-3-met... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.403 | 16.22 ug/L | 268732 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, tetrahydro-3-methyl- | 102 | C5H10S | 004740-00-5 | 98 |
| 2 | Thiophene, tetrahydro-3-methyl- | 102 | C5H10S | 004740-00-5 | 96 |
| 3 | 2-Thiazolamine, 4,5-dihydro- | 102 | C3H6N2S | 001779-81-3 | 52 |
| 4 | 2-Thiazolamine, 4,5-dihydro- | 102 | C3H6N2S | 001779-81-3 | 52 |
| 5 | 2-Thiazolamine, 4,5-dihydro- | 102 | C3H6N2S | 001779-81-3 | 52 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

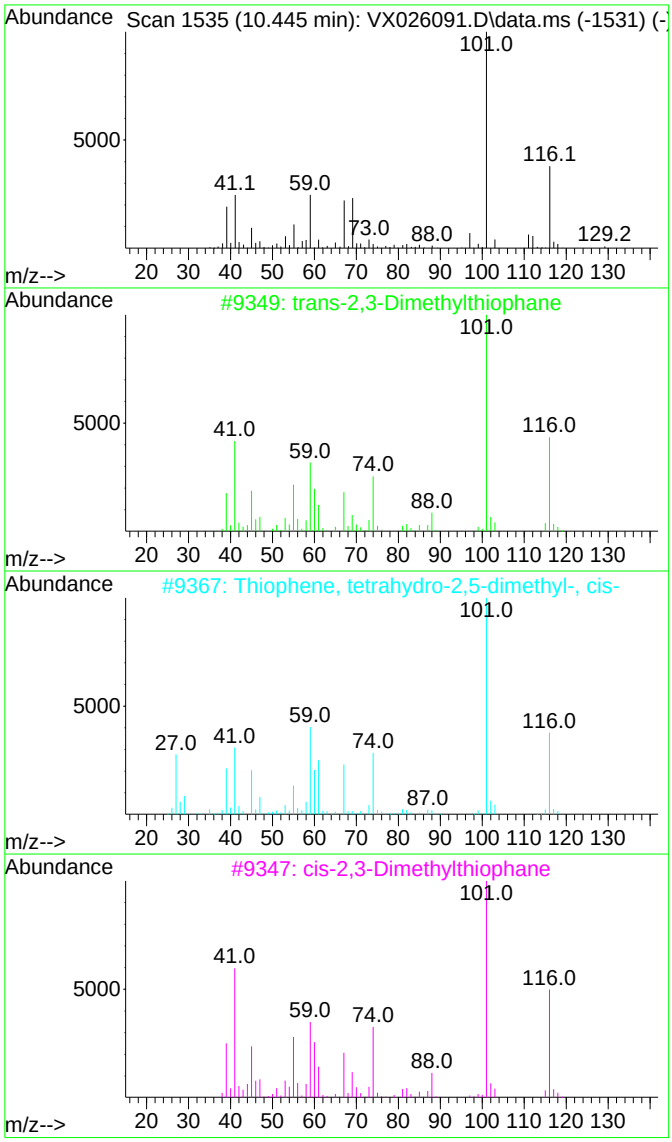
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

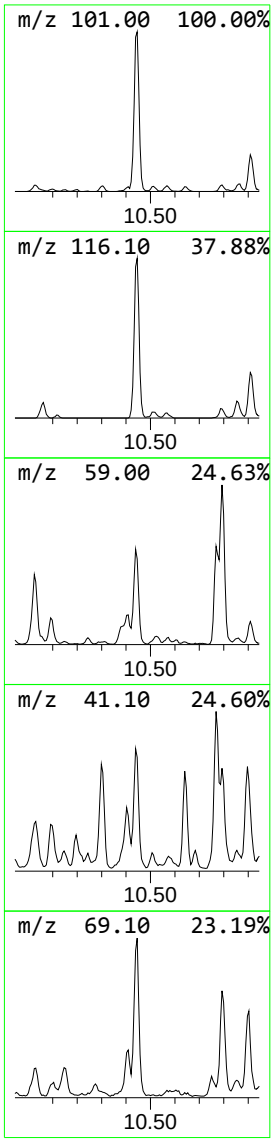
**********

Peak Number 30 trans-2,3-Dimethylthiophane Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.445 | 26.21 ug/L | 434224 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-2,3-Dimethylthiophane | 116 | C6H12S | 005161-78-4 | 64 |
| 2 | Thiophene, tetrahydro-2,5-dimeth... | 116 | C6H12S | 005161-13-7 | 42 |
| 3 | cis-2,3-Dimethylthiophane | 116 | C6H12S | 005161-77-3 | 42 |
| 4 | Thiophene, tetrahydro-2,5-dimeth... | 116 | C6H12S | 005161-14-8 | 42 |
| 5 | 2H-Thiopyran, tetrahydro-2-methyl- | 116 | C6H12S | 005161-16-0 | 40 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

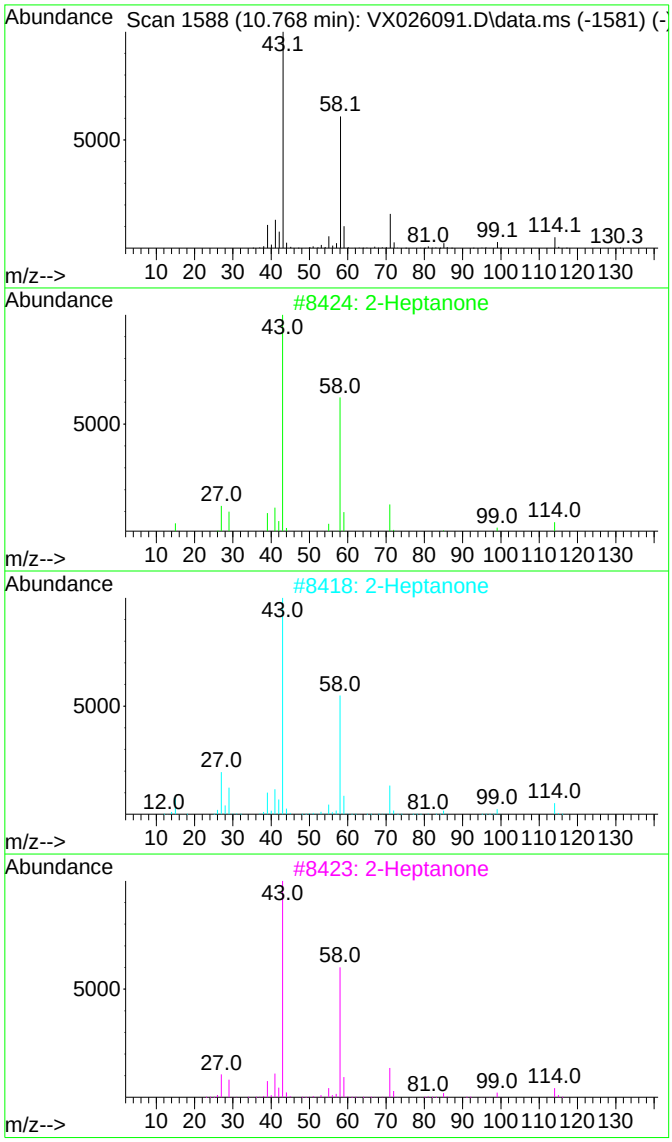
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

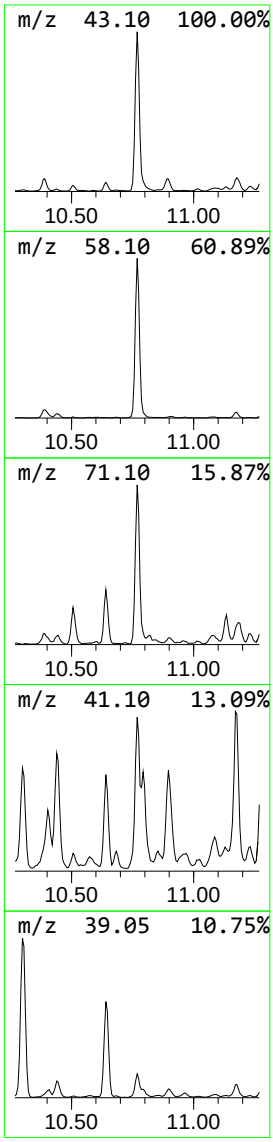
**********

Peak Number 32 2-Heptanone Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.768 | 57.13 ug/L | 946518 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptanone | 114 | C7H14O | 000110-43-0 | 91 |
| 2 | 2-Heptanone | 114 | C7H14O | 000110-43-0 | 91 |
| 3 | 2-Heptanone | 114 | C7H14O | 000110-43-0 | 91 |
| 4 | 2-Heptanone | 114 | C7H14O | 000110-43-0 | 91 |
| 5 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 90 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

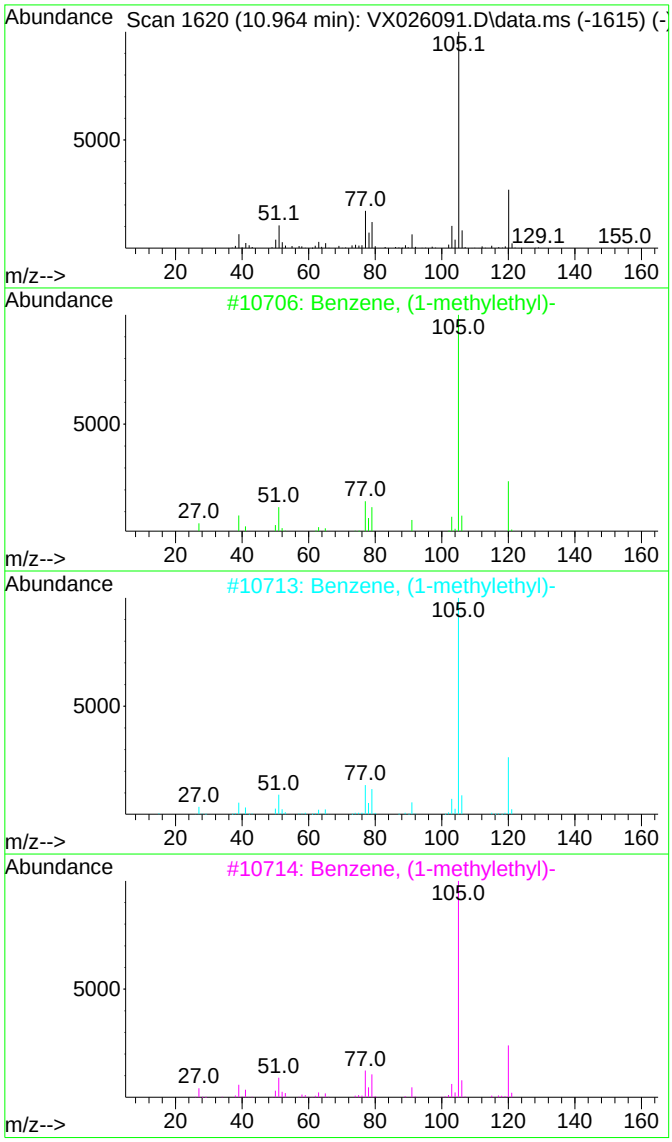
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

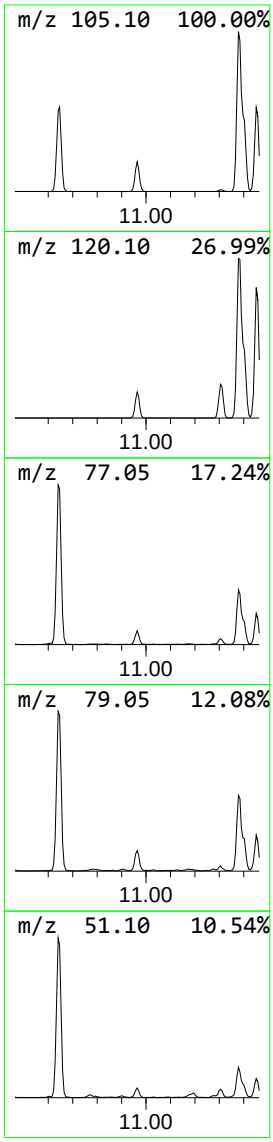
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Benzene, (1-methylethyl)- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.964 | 12.45 ug/L | 206310 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 95 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

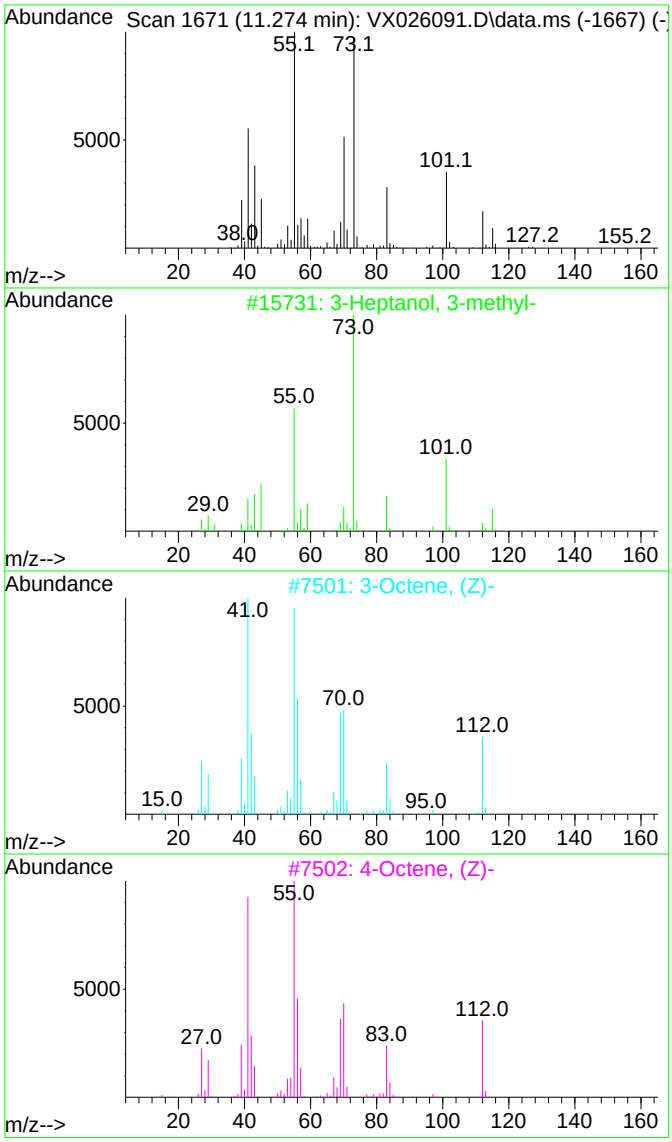
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

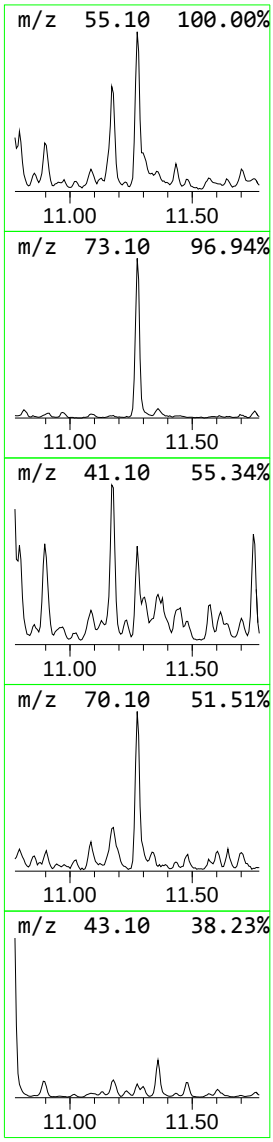
**********

Peak Number 36 unknown-01 Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.274 | 14.19 ug/L | 235545 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Heptanol, 3-methyl- | 130 | C8H18O | 005582-82-1 | 47 |
| 2 | 3-Octene, (Z)- | 112 | C8H16 | 014850-22-7 | 45 |
| 3 | 4-Octene, (Z)- | 112 | C8H16 | 007642-15-1 | 43 |
| 4 | 2-Heptene, 3-methyl- | 112 | C8H16 | 003404-75-9 | 38 |
| 5 | 4-Octene, (E)- | 112 | C8H16 | 014850-23-8 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

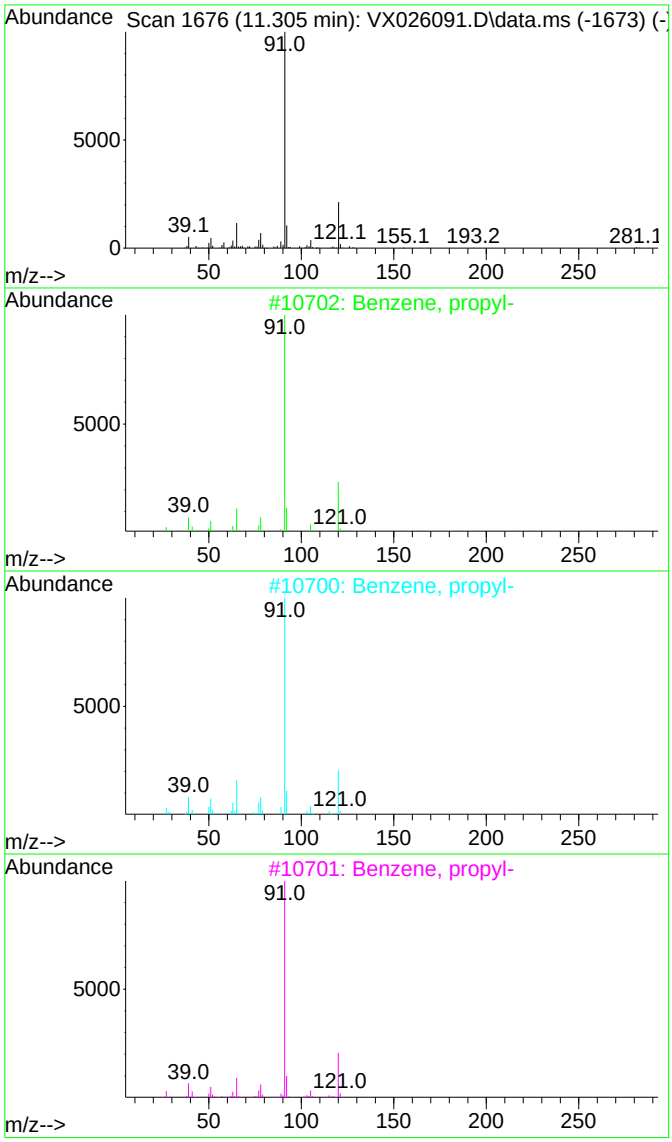
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

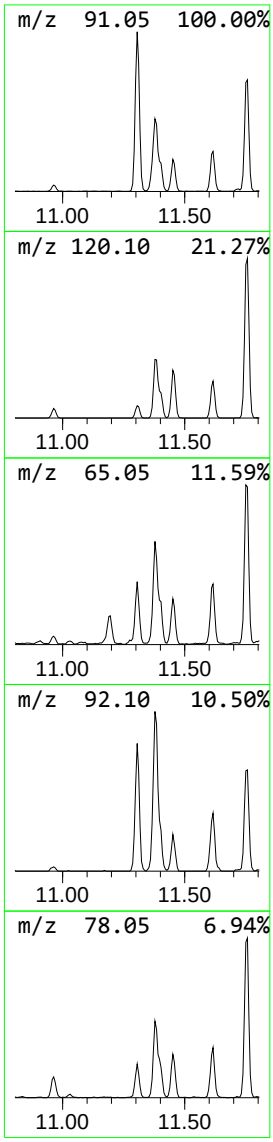
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Benzene, propyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.305 | 21.53 ug/L | 357426 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 93 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 86 |
| 5 | 1-Benzylamino-2-benzyloxyethane | 241 | C16H19NO | 038336-06-0 | 72 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

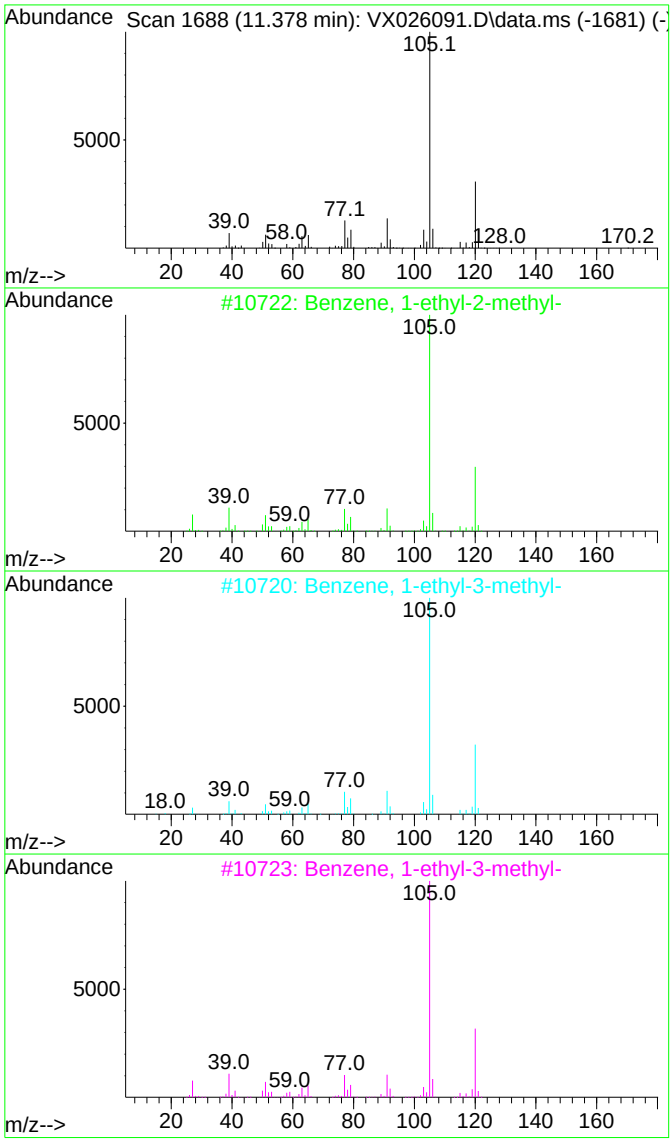
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

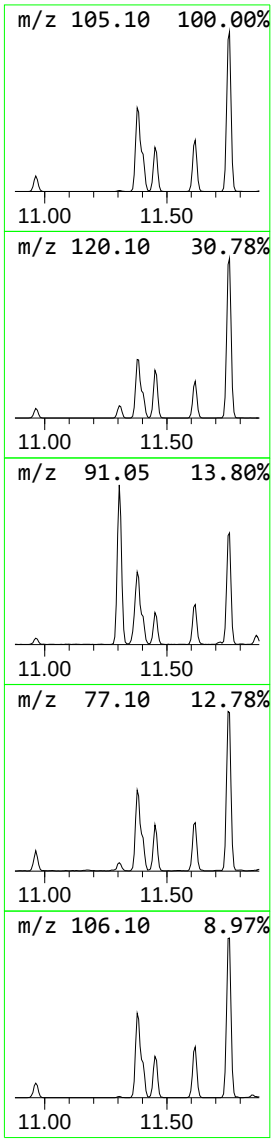
**********

Peak Number 38 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.378 | 95.51 ug/L | 1585290 | 1,4-Dichlorobenzene-d4 | 12.024 |

| 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-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

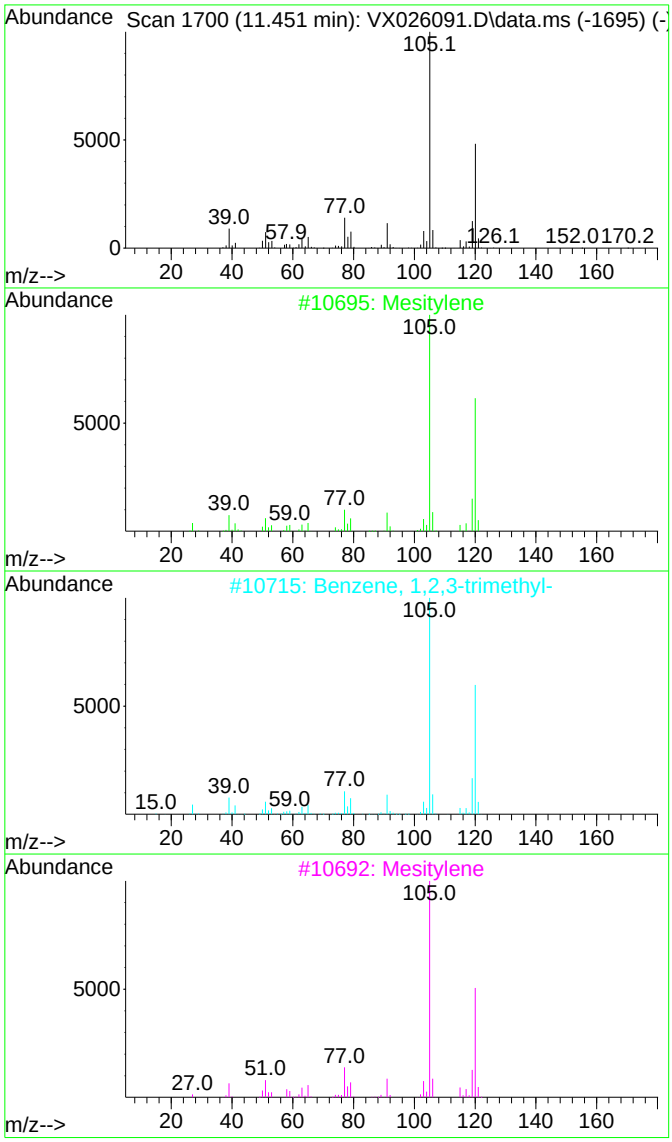
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

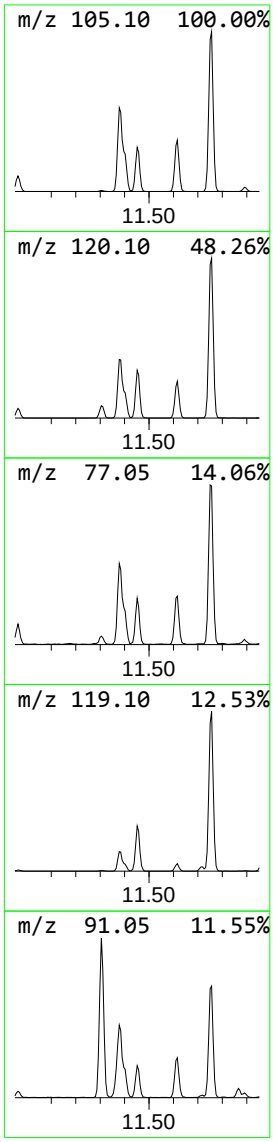
**********

Peak Number 39 Mesitylene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.451 | 44.83 ug/L | 744095 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

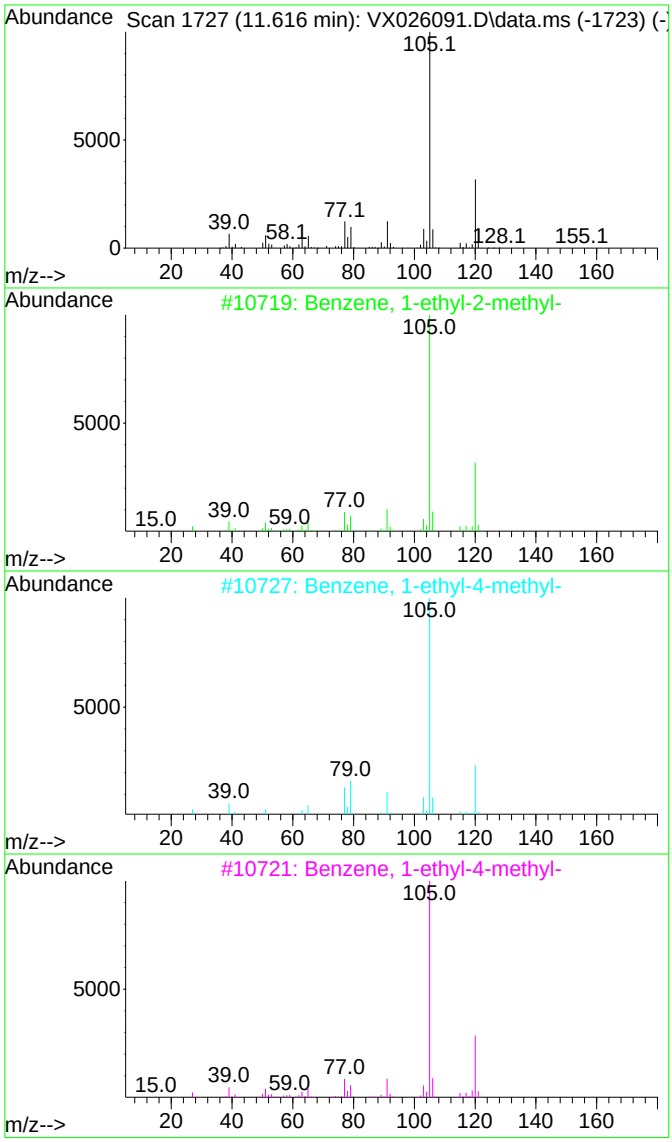
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

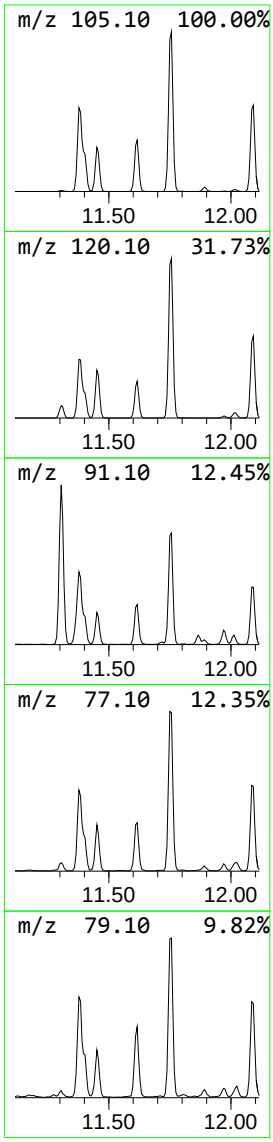
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.616 | 42.01 ug/L | 697320 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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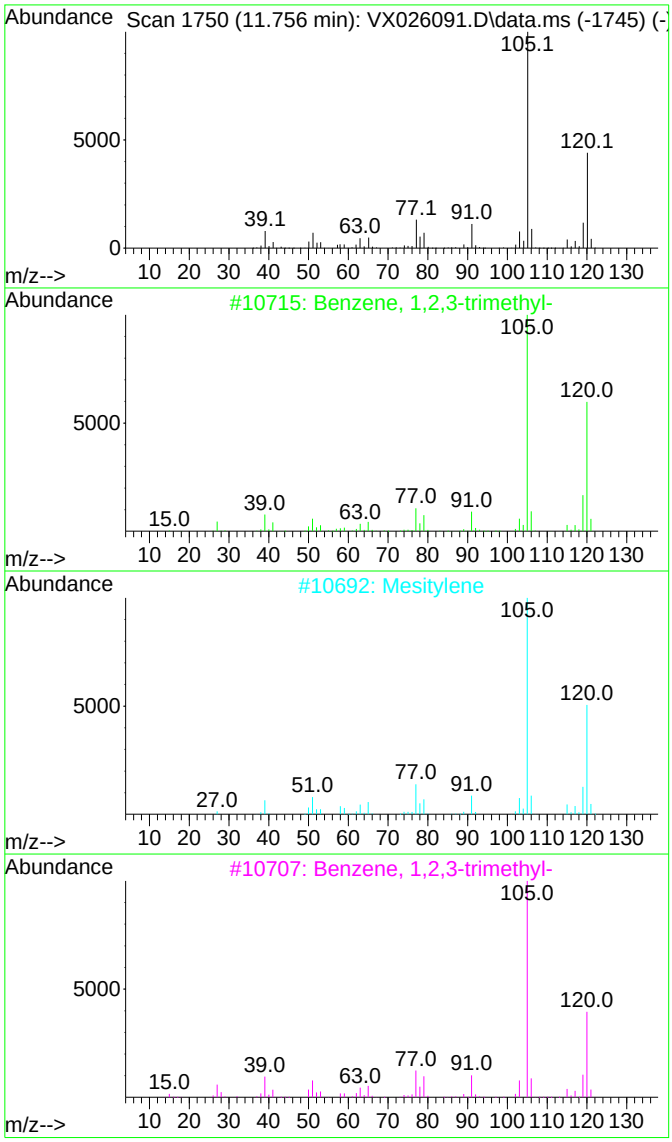
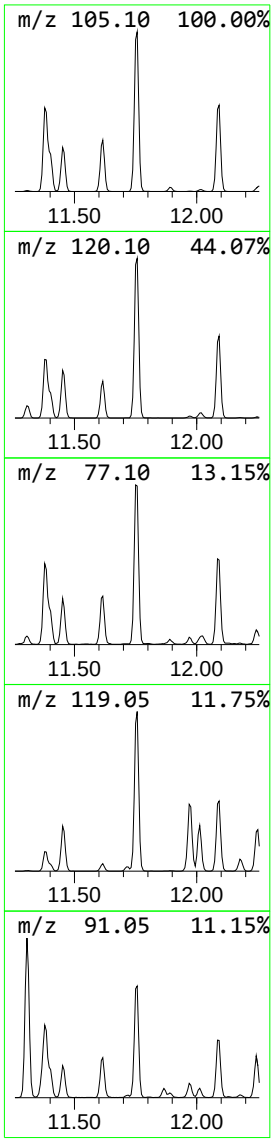
Peak Number 43 Benzene, 1,2,3-trimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.756 | 131.87 ug/L | 2188860 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 93 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

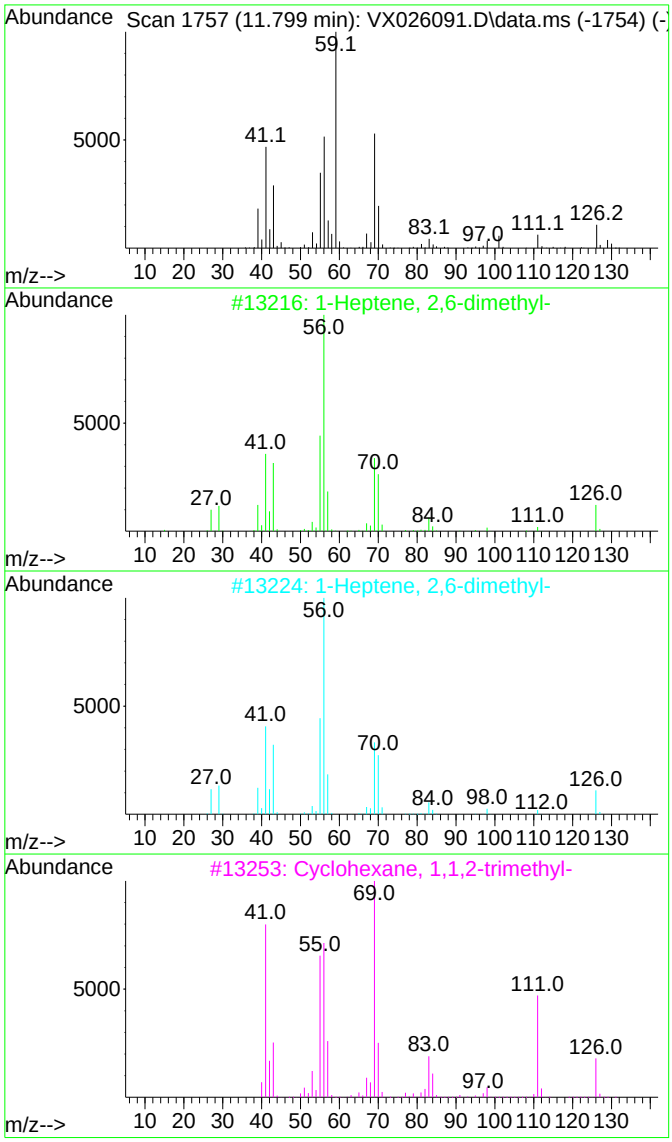
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

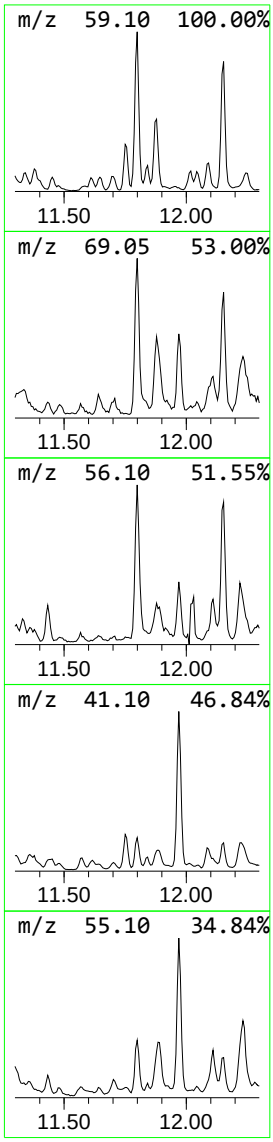
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.799 | 10.80 ug/L | 179266 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptene, 2,6-dimethyl- | 126 | C9H18 | 003074-78-0 | 43 |
| 2 | 1-Heptene, 2,6-dimethyl- | 126 | C9H18 | 003074-78-0 | 43 |
| 3 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 42 |
| 4 | 2-Hexanol, 2,3-dimethyl- | 130 | C8H18O | 019550-03-9 | 38 |
| 5 | 3-Decanol | 158 | C10H22O | 001565-81-7 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

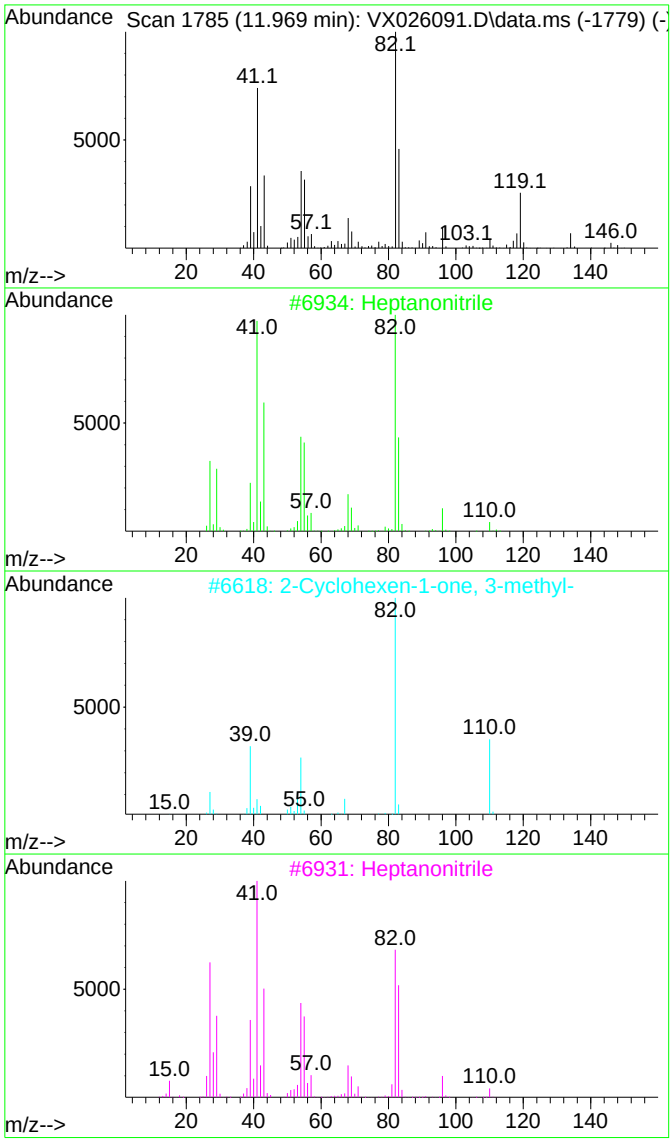
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

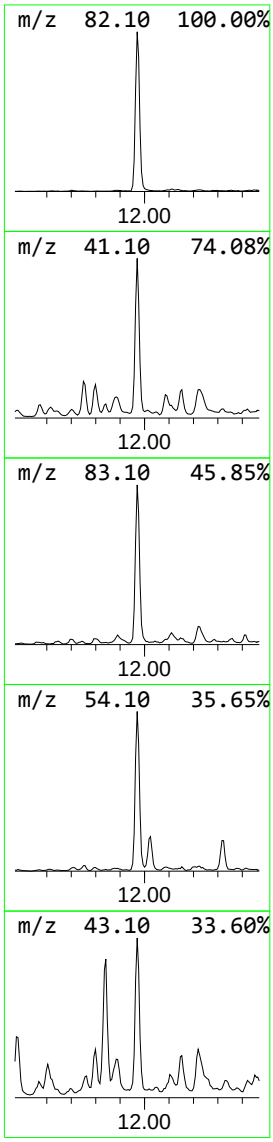
**********

Peak Number 47 Heptanonitrile Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.969 | 47.63 ug/L | 790577 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptanonitrile | 111 | C7H13N | 000629-08-3 | 72 |
| 2 | 2-Cyclohexen-1-one, 3-methyl- | 110 | C7H10O | 001193-18-6 | 43 |
| 3 | Heptanonitrile | 111 | C7H13N | 000629-08-3 | 43 |
| 4 | 1,2,3,6-Tetrahydropyridine | 83 | C5H9N | 000694-05-3 | 38 |
| 5 | 1H-Imidazole, 4-methyl- | 82 | C4H6N2 | 000822-36-6 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

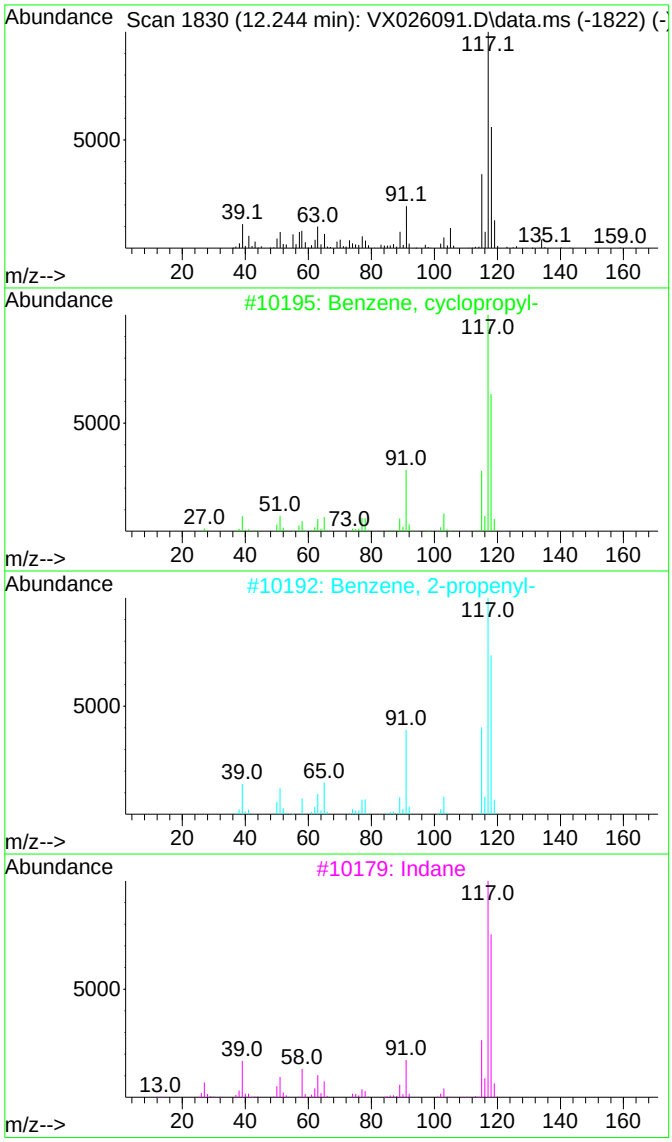
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

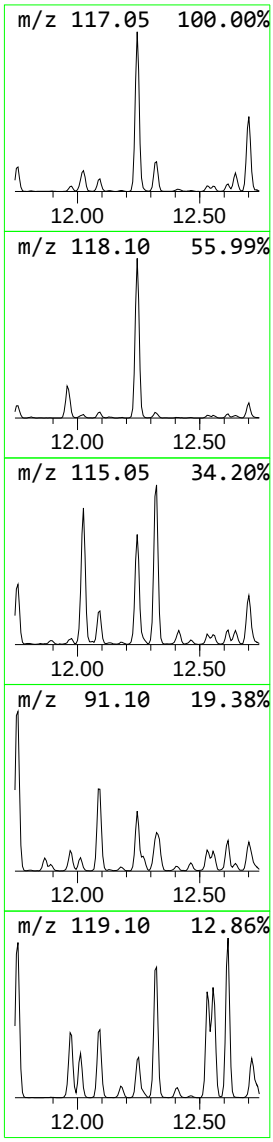
**********

Peak Number 49 Benzene, cyclopropyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.244 | 60.07 ug/L | 997109 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 76 |
| 2 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 70 |
| 5 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

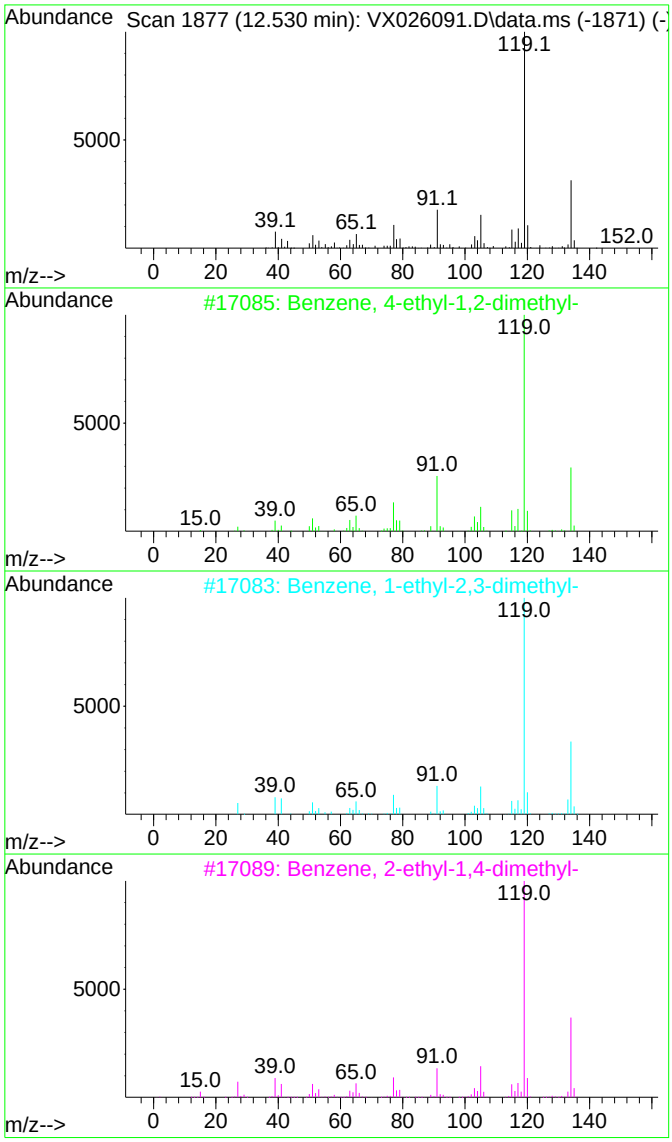
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

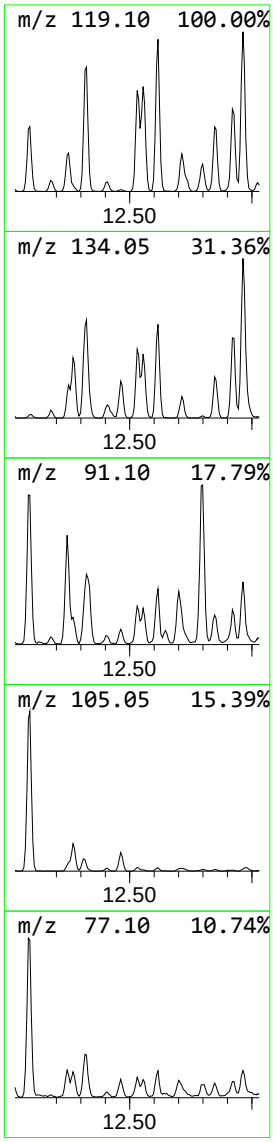
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.530 | 12.88 ug/L | 213759 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 2 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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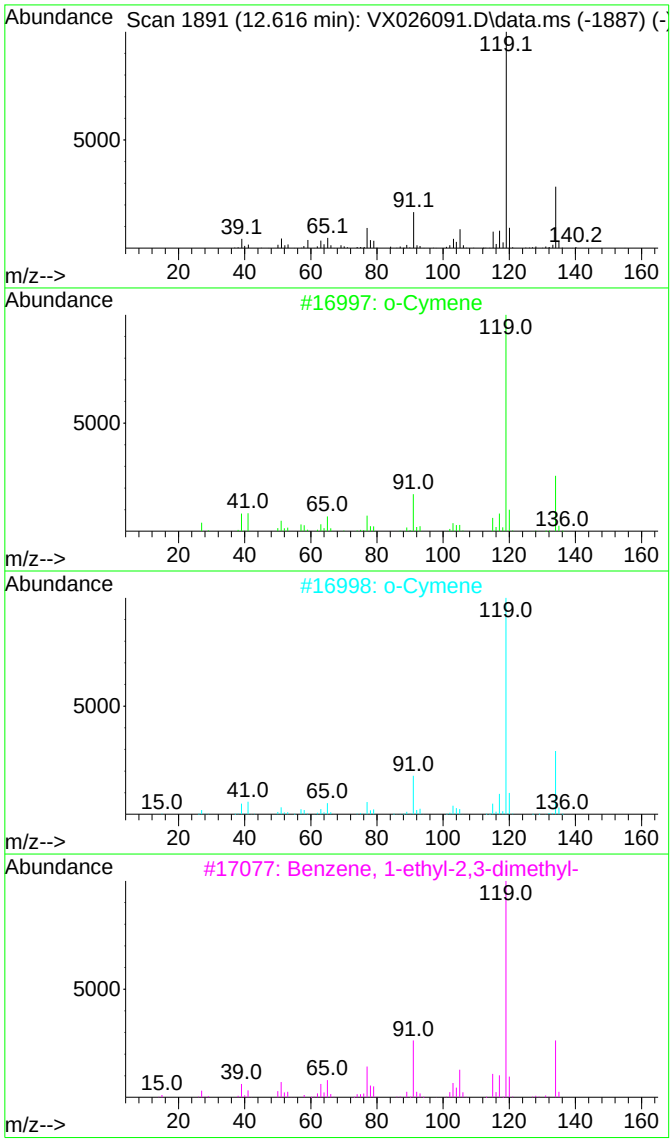
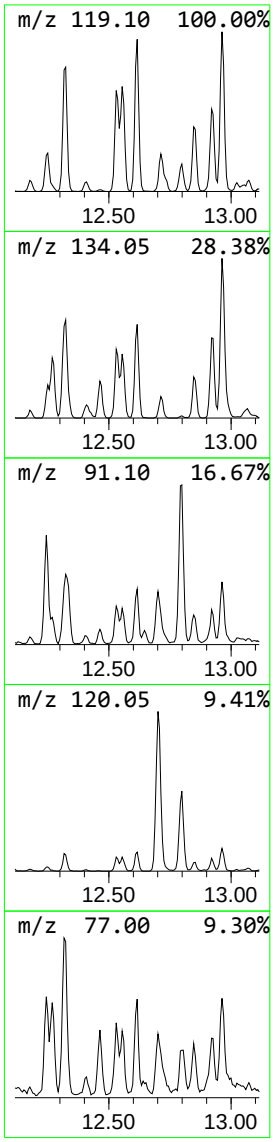
Peak Number 54 o-Cymene Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.616 | 13.18 ug/L | 218740 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 94 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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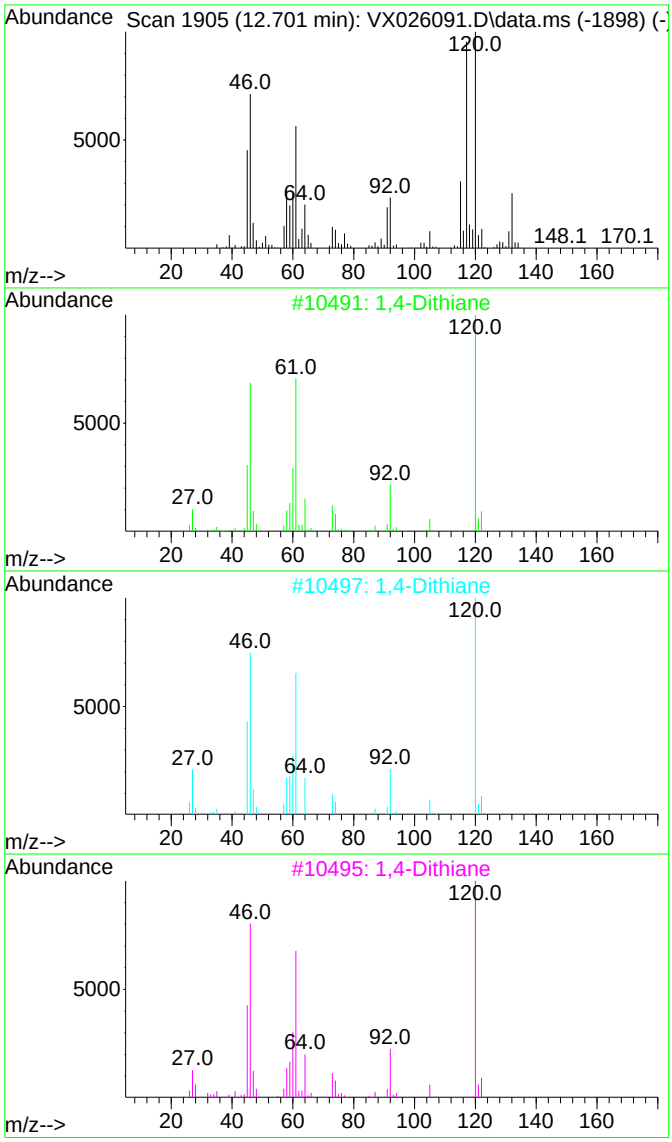
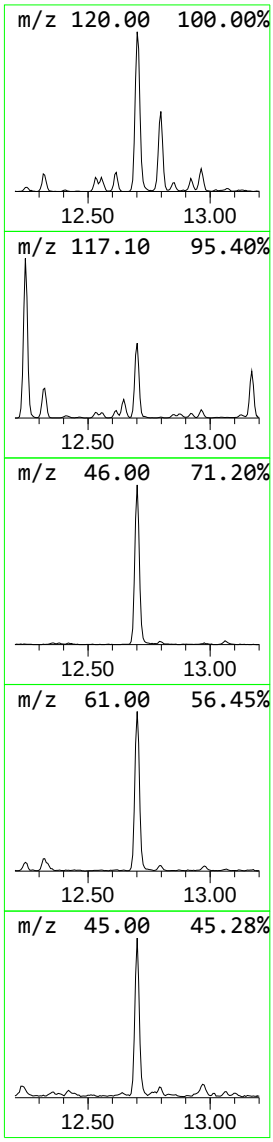
Peak Number 55 1,4-Dithiane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.701 | 44.14 ug/L | 732733 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 93 |
| 2 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 93 |
| 3 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 92 |
| 4 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 86 |
| 5 | 2-Methyl-1,3-dithiacyclopentane | 120 | C4H8S2 | 005616-51-3 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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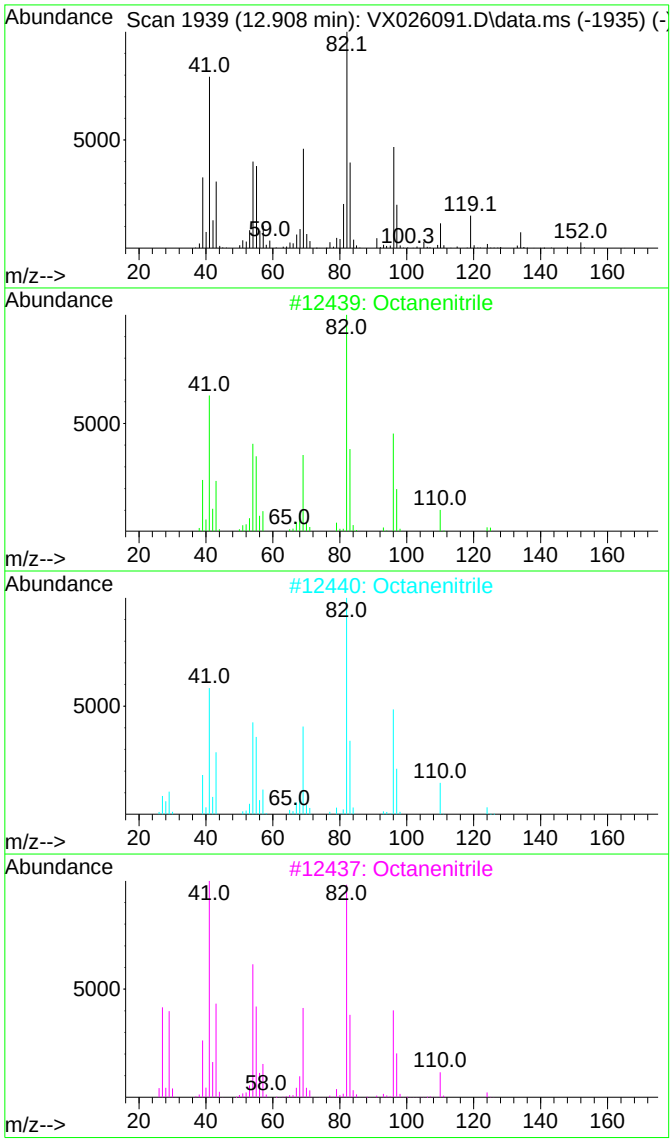
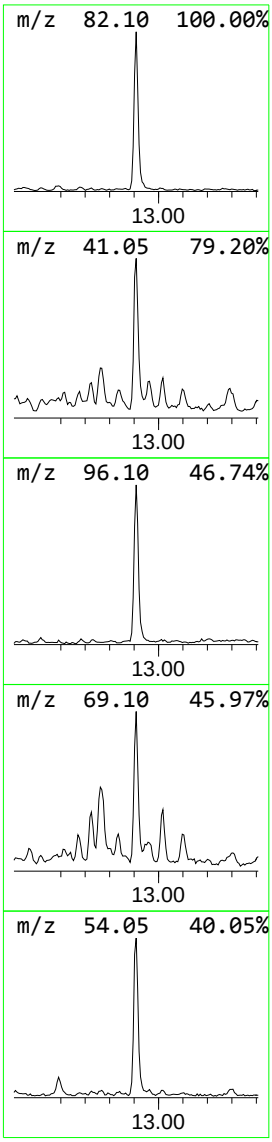
Peak Number 59 Octanenitrile Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.908 | 28.73 ug/L | 476810 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octanenitrile | 125 | C8H15N | 000124-12-9 | 86 |
| 2 | Octanenitrile | 125 | C8H15N | 000124-12-9 | 86 |
| 3 | Octanenitrile | 125 | C8H15N | 000124-12-9 | 68 |
| 4 | Octanenitrile | 125 | C8H15N | 000124-12-9 | 59 |
| 5 | Heptanonitrile | 111 | C7H13N | 000629-08-3 | 50 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

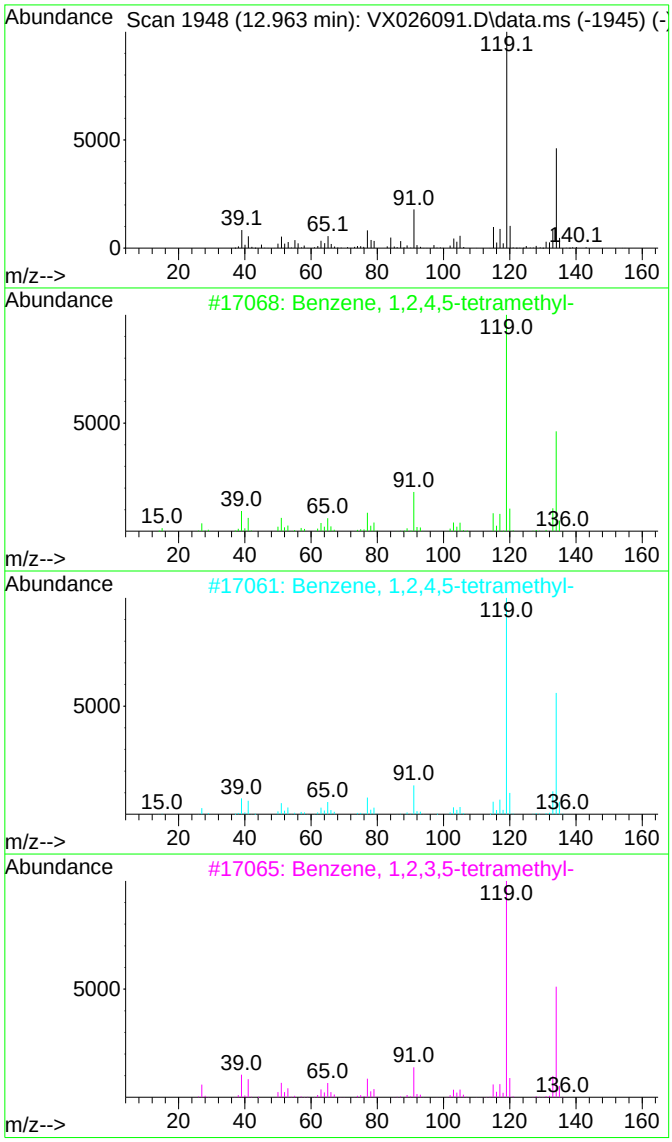
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

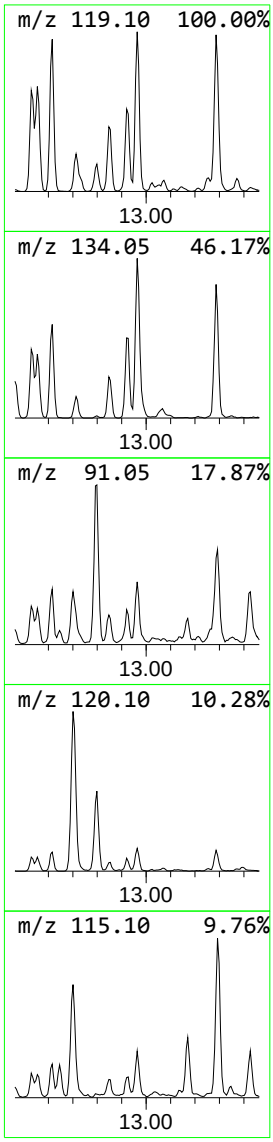
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.963 | 19.30 ug/L | 320435 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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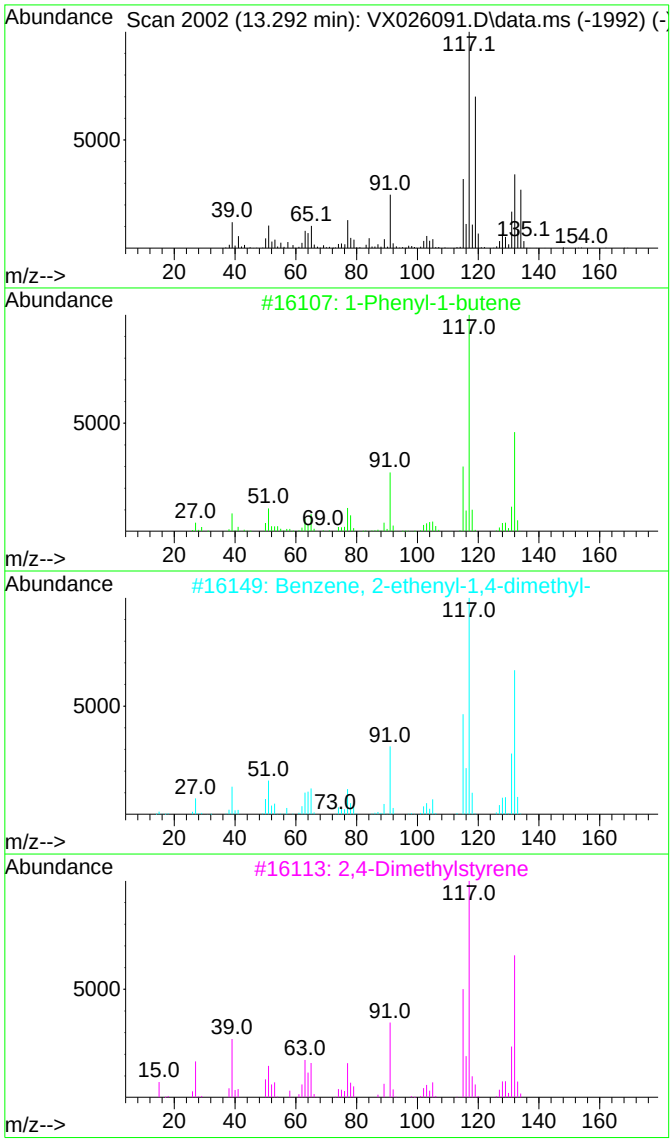
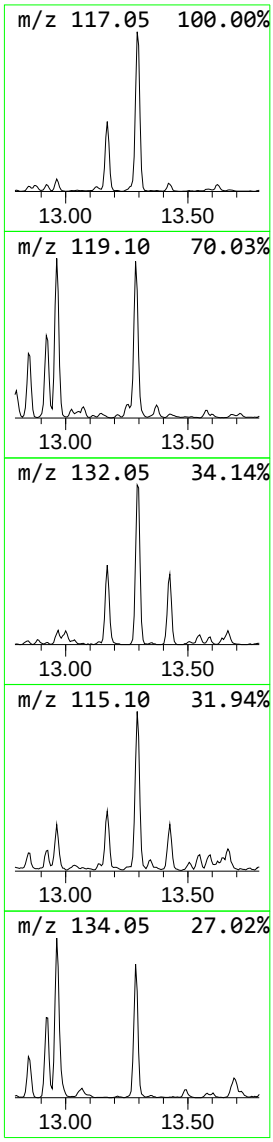
Peak Number 63 1-Phenyl-1-butene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.292 | 45.60 ug/L | 756956 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 95 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 3 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 91 |
| 4 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 70 |
| 5 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 70 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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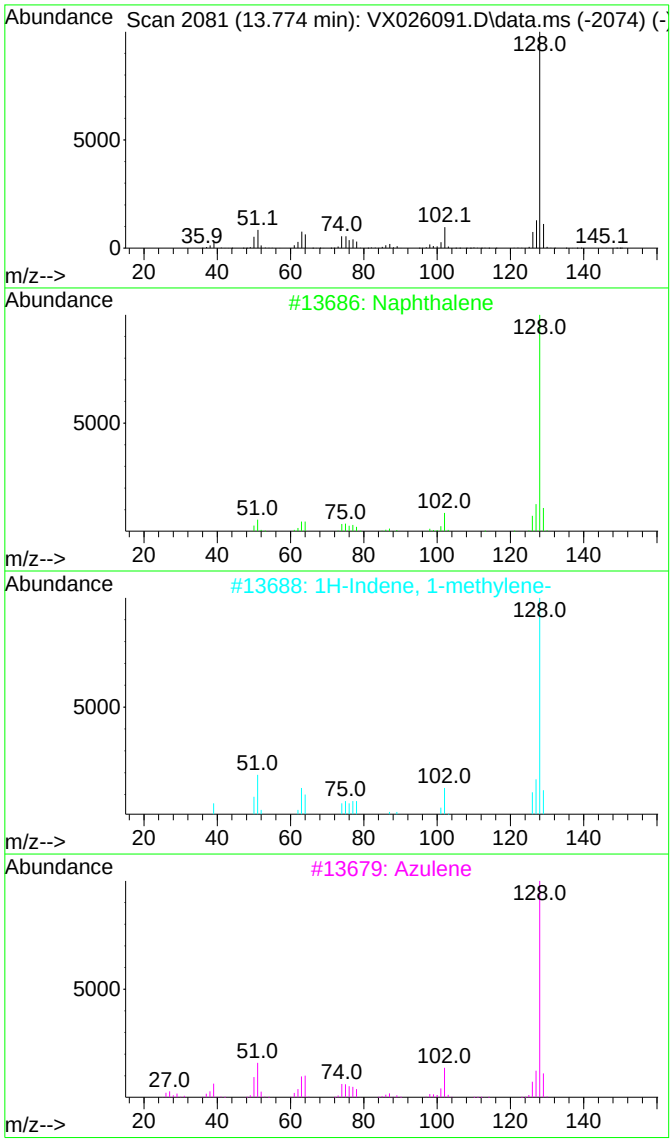
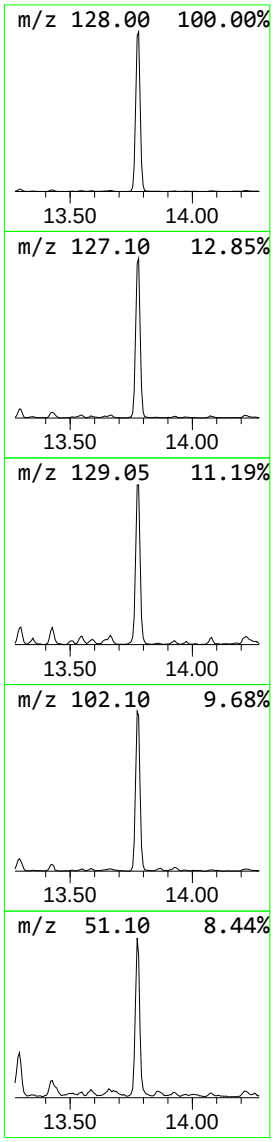
Peak Number 67 Azulene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.774 | 75.62 ug/L | 1255230 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 95 |
| 2 | 1H-Indene, 1-methylene- | 128 | C10H8 | 002471-84-3 | 95 |
| 3 | Azulene | 128 | C10H8 | 000275-51-4 | 94 |
| 4 | Naphthalene | 128 | C10H8 | 000091-20-3 | 94 |
| 5 | Azulene | 128 | C10H8 | 000275-51-4 | 91 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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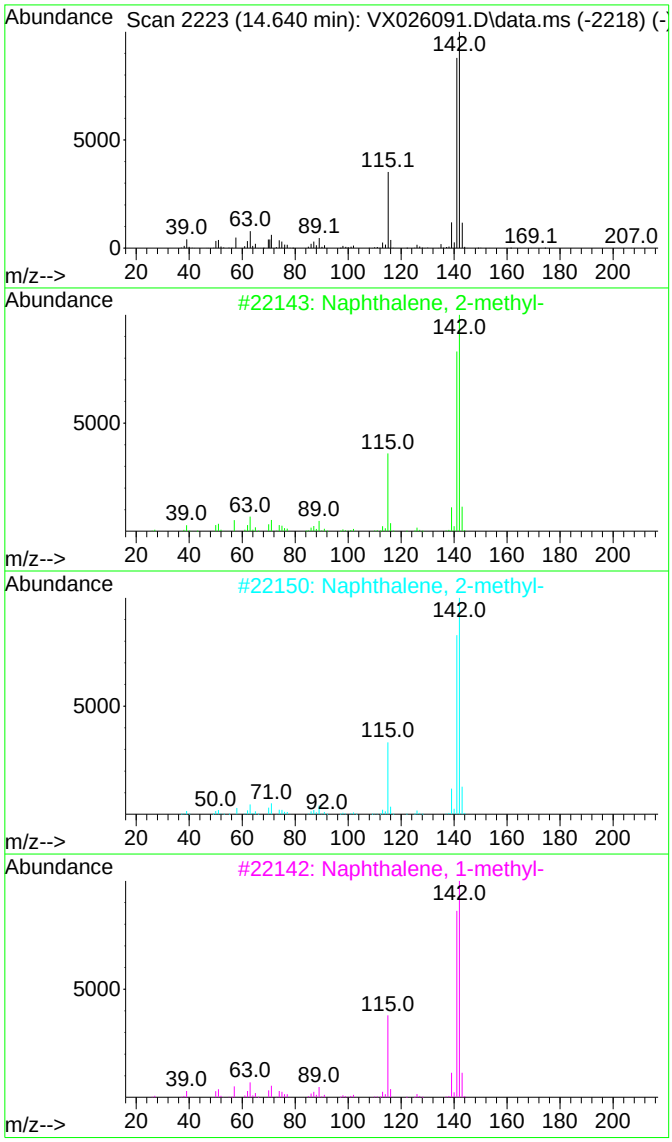
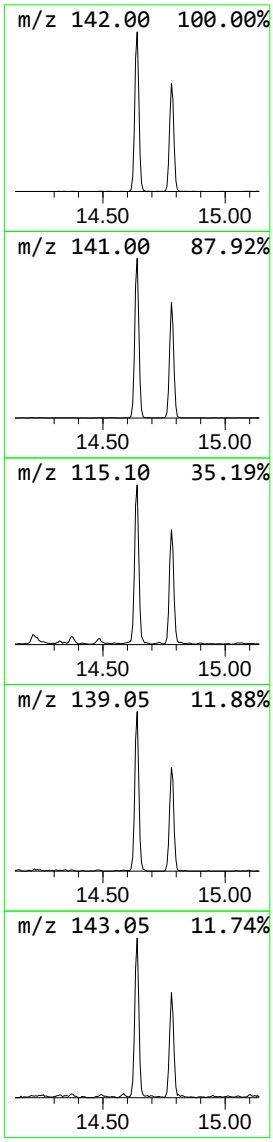
Peak Number 71 Naphthalene, 2-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.640 | 40.13 ug/L | 666052 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 95 |
| 5 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

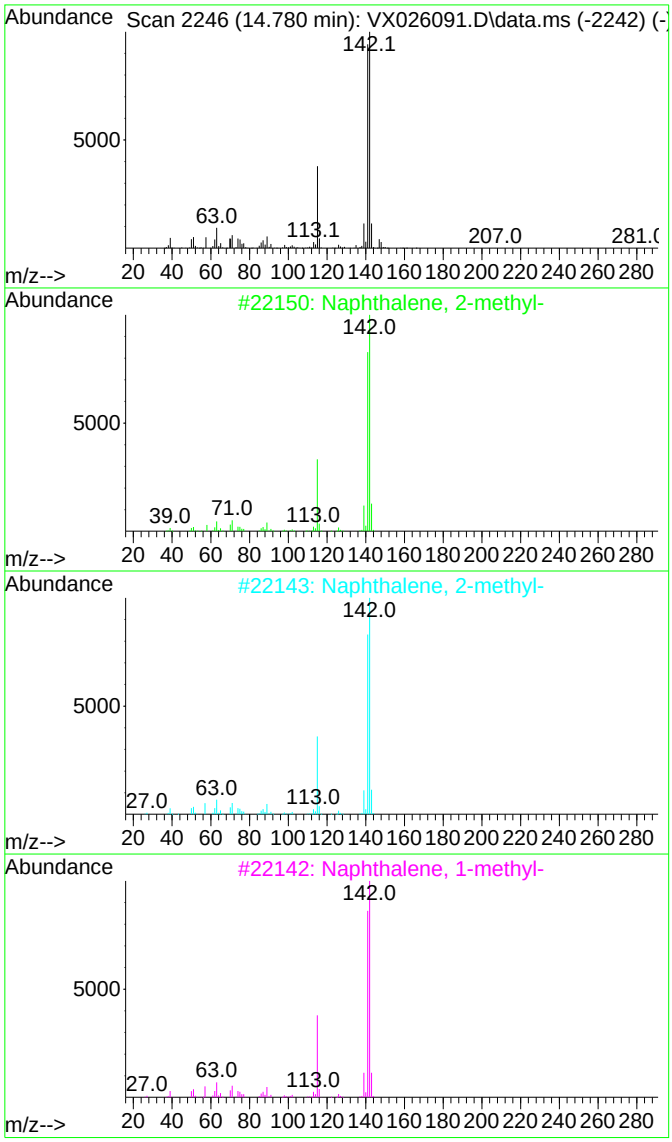
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

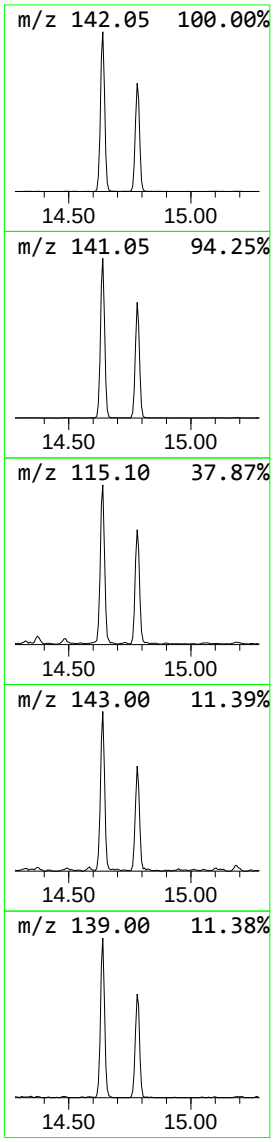
**********

Peak Number 72 Naphthalene, 1-methyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.780 | 28.77 ug/L | 477538 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 97 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 95 |
| 5 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026091.D
Acq On : 28 Dec 2021 03:17
Operator : JC/MD
Sample : M5232-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GBCC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: S... | 1.270 | 8.2 | ug/L | 97821 | 1 | 6.769 | 596663 | 50.0 |
| (DEL) Alkane: S... | 1.752 | 6.2 | ug/L | 73683 | 1 | 6.769 | 596663 | 50.0 |
| (DEL) Alkane: C... | 1.971 | 8.8 | ug/L | 105623 | 1 | 6.769 | 596663 | 50.0 |
| (DEL) Alkane: C... | 2.075 | 6.2 | ug/L | 73914 | 1 | 6.769 | 596663 | 50.0 |
| (DEL) Alkane: C... | 2.221 | 18.7 | ug/L | 223482 | 1 | 6.769 | 596663 | 50.0 |
| (DEL) Alkane: S... | 3.739 | 6.3 | ug/L | 75396 | 1 | 6.769 | 596663 | 50.0 |
| (DEL) Alkane: C... | 4.312 | 7.3 | ug/L | 86891 | 1 | 6.769 | 596663 | 50.0 |
| Cyclopentene, 1... | 5.196 | 17.8 | ug/L | 212243 | 1 | 6.769 | 596663 | 50.0 |
| Ethane, 1,1,1-t... | 5.391 | 223.0 | ug/L | 2661210 | 1 | 6.769 | 596663 | 50.0 |
| (DEL) Alkane: C... | 7.385 | 8.7 | ug/L | 103602 | 1 | 6.769 | 596663 | 50.0 |
| n-Propyl acetate | 7.799 | 170.3 | ug/L | 2032390 | 1 | 6.769 | 596663 | 50.0 |
| Methyl Isobutyl... | 8.574 | 66.3 | ug/L | 1098780 | 2 | 10.055 | 828402 | 50.0 |
| Propanoic acid,... | 9.482 | 165.6 | ug/L | 2742780 | 2 | 10.055 | 828402 | 50.0 |
| Acetic acid, bu... | 9.580 | 18.9 | ug/L | 312685 | 2 | 10.055 | 828402 | 50.0 |
| Isopropyl butyrate | 9.915 | 88.8 | ug/L | 1471690 | 2 | 10.055 | 828402 | 50.0 |
| p-Xylene | 10.305 | 355.9 | ug/L | 5897440 | 2 | 10.055 | 828402 | 50.0 |
| Thiophene, tetr... | 10.403 | 16.2 | ug/L | 268732 | 2 | 10.055 | 828402 | 50.0 |
| trans-2,3-Dimet... | 10.445 | 26.2 | ug/L | 434224 | 2 | 10.055 | 828402 | 50.0 |
| 2-Heptanone | 10.768 | 57.1 | ug/L | 946518 | 2 | 10.055 | 828402 | 50.0 |
| Benzene, (1-met... | 10.964 | 12.4 | ug/L | 206310 | 2 | 10.055 | 828402 | 50.0 |
| unknown-01 | 11.274 | 14.2 | ug/L | 235545 | 3 | 12.024 | 829938 | 50.0 |
| Benzene, propyl- | 11.305 | 21.5 | ug/L | 357426 | 3 | 12.024 | 829938 | 50.0 |
| Benzene, 1-ethy... | 11.378 | 95.5 | ug/L | 1585290 | 3 | 12.024 | 829938 | 50.0 |
| Mesitylene | 11.451 | 44.8 | ug/L | 744095 | 3 | 12.024 | 829938 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 42.0 | ug/L | 697320 | 3 | 12.024 | 829938 | 50.0 |
| Benzene, 1,2,3-... | 11.756 | 131.9 | ug/L | 2188860 | 3 | 12.024 | 829938 | 50.0 |
| (DEL) Alkane: S... | 11.799 | 10.8 | ug/L | 179266 | 3 | 12.024 | 829938 | 50.0 |
| Heptanonitrile | 11.969 | 47.6 | ug/L | 790577 | 3 | 12.024 | 829938 | 50.0 |
| Benzene, cyclop... | 12.244 | 60.1 | ug/L | 997109 | 3 | 12.024 | 829938 | 50.0 |
| Benzene, 4-ethy... | 12.530 | 12.9 | ug/L | 213759 | 3 | 12.024 | 829938 | 50.0 |
| o-Cymene | 12.616 | 13.2 | ug/L | 218740 | 3 | 12.024 | 829938 | 50.0 |
| 1,4-Dithiane | 12.701 | 44.1 | ug/L | 732733 | 3 | 12.024 | 829938 | 50.0 |
| Octanenitrile | 12.908 | 28.7 | ug/L | 476810 | 3 | 12.024 | 829938 | 50.0 |
| Benzene, 1,2,4,... | 12.963 | 19.3 | ug/L | 320435 | 3 | 12.024 | 829938 | 50.0 |
| 1-Phenyl-1-butene | 13.292 | 45.6 | ug/L | 756956 | 3 | 12.024 | 829938 | 50.0 |
| Azulene | 13.774 | 75.6 | ug/L | 1255230 | 3 | 12.024 | 829938 | 50.0 |
| Naphthalene, 2-... | 14.640 | 40.1 | ug/L | 666052 | 3 | 12.024 | 829938 | 50.0 |
| Naphthalene, 1-... | 14.780 | 28.8 | ug/L | 477538 | 3 | 12.024 | 829938 | 50.0 |