LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

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\SFAMXLM110821WMA.M
Title : VOC Analysis

Signal : TIC: VX025116.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.258 | 26 | 28 | 30 | rVB | 1478 | 1047 | 0.16% | 0.015% |
| 2 | 1.368 | 42 | 46 | 56 | rVB | 91464 | 97001 | 14.49% | 1.384% |
| 3 | 1.636 | 88 | 90 | 91 | rBV | 8772 | 8118 | 1.21% | 0.116% |
| 4 | 1.666 | 91 | 95 | 107 | rVB | 114578 | 157566 | 23.54% | 2.248% |
| 5 | 1.794 | 114 | 116 | 119 | rBV2 | 1287 | 1267 | 0.19% | 0.018% |
| 6 | 2.306 | 193 | 200 | 210 | rBV | 150103 | 251497 | 37.57% | 3.589% |
| 7 | 2.386 | 210 | 213 | 222 | rVB2 | 17674 | 31283 | 4.67% | 0.446% |
| 8 | 2.520 | 230 | 235 | 237 | rBV2 | 621 | 1073 | 0.16% | 0.015% |
| 9 | 2.782 | 272 | 278 | 280 | rBV5 | 2999 | 4636 | 0.69% | 0.066% |
| 10 | 2.947 | 300 | 305 | 307 | rVV3 | 829 | 1039 | 0.16% | 0.015% |
| 11 | 3.093 | 324 | 329 | 338 | rVV4 | 5105 | 11367 | 1.70% | 0.162% |
| 12 | 3.447 | 380 | 387 | 396 | rVB2 | 10903 | 24228 | 3.62% | 0.346% |
| 13 | 3.611 | 405 | 414 | 425 | rVB2 | 11664 | 29608 | 4.42% | 0.422% |
| 14 | 4.306 | 520 | 528 | 536 | rBV8 | 3557 | 10506 | 1.57% | 0.150% |
| 15 | 4.489 | 544 | 558 | 570 | rBV2 | 212401 | 653487 | 97.62% | 9.325% |
| 16 | 5.062 | 641 | 652 | 669 | rVV2 | 95982 | 284990 | 42.57% | 4.067% |
| 17 | 5.385 | 701 | 705 | 707 | rBV4 | 912 | 1190 | 0.18% | 0.017% |
| 18 | 5.483 | 717 | 721 | 722 | rBV3 | 1356 | 1905 | 0.28% | 0.027% |
| 19 | 5.818 | 773 | 776 | 777 | rBV2 | 1523 | 1975 | 0.30% | 0.028% |
| 20 | 5.970 | 790 | 801 | 816 | rVV3 | 225166 | 669401 | 100.00% | 9.552% |
| 21 | 6.239 | 843 | 845 | 847 | rBV2 | 1466 | 1588 | 0.24% | 0.023% |
| 22 | 6.342 | 858 | 862 | 865 | rBV4 | 745 | 1313 | 0.20% | 0.019% |
| 23 | 6.611 | 895 | 906 | 913 | rBV7 | 3075 | 8458 | 1.26% | 0.121% |
| 24 | 6.763 | 922 | 931 | 942 | rBV | 160978 | 386267 | 57.70% | 5.512% |
| 25 | 6.982 | 964 | 967 | 971 | rVV2 | 630 | 997 | 0.15% | 0.014% |
| 26 | 7.123 | 979 | 990 | 998 | rVB6 | 5791 | 16296 | 2.43% | 0.233% |
| 27 | 7.312 | 1012 | 1021 | 1030 | rBV | 144654 | 316034 | 47.21% | 4.510% |
| 28 | 7.495 | 1044 | 1051 | 1056 | rVV5 | 1494 | 3147 | 0.47% | 0.045% |
| 29 | 7.775 | 1094 | 1097 | 1100 | rBV3 | 704 | 889 | 0.13% | 0.013% |
| 30 | 7.806 | 1100 | 1102 | 1104 | rVV3 | 836 | 810 | 0.12% | 0.012% |
| 31 | 7.958 | 1124 | 1127 | 1129 | rBV2 | 1064 | 1215 | 0.18% | 0.017% |
| 32 | 7.982 | 1129 | 1131 | 1135 | rVV2 | 1694 | 2154 | 0.32% | 0.031% |
| 33 | 8.104 | 1146 | 1151 | 1156 | rBV4 | 1778 | 2874 | 0.43% | 0.041% |
| 34 | 8.275 | 1174 | 1179 | 1182 | rBV | 1869 | 3208 | 0.48% | 0.046% |
| 35 | 8.324 | 1182 | 1187 | 1201 | rVB | 91154 | 154009 | 23.01% | 2.198% |
| 36 | 8.440 | 1201 | 1206 | 1208 | rBV4 | 1488 | 2496 | 0.37% | 0.036% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

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\SFAMXLM110821WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.586 | 1223 | 1230 | 1234 | rBV4 | 5058 | 11359 | 1.70% | 0.162% |
| 38 | 8.653 | 1234 | 1241 | 1247 | rVV | 327477 | 522399 | 78.04% | 7.454% |
| 39 | 8.720 | 1247 | 1252 | 1264 | rVB | 408285 | 629076 | 93.98% | 8.977% |
| 40 | 8.915 | 1280 | 1284 | 1285 | rBV3 | 2886 | 3885 | 0.58% | 0.055% |
| 41 | 8.952 | 1285 | 1290 | 1300 | rVB | 72639 | 109867 | 16.41% | 1.568% |
| 42 | 9.098 | 1311 | 1314 | 1318 | rVB2 | 709 | 1002 | 0.15% | 0.014% |
| 43 | 9.391 | 1356 | 1362 | 1375 | rVV | 222701 | 328098 | 49.01% | 4.682% |
| 44 | 9.561 | 1387 | 1390 | 1394 | rVB5 | 2149 | 3034 | 0.45% | 0.043% |
| 45 | 9.622 | 1397 | 1400 | 1403 | rVB2 | 2042 | 2844 | 0.42% | 0.041% |
| 46 | 9.830 | 1428 | 1434 | 1436 | rBV3 | 1844 | 3051 | 0.46% | 0.044% |
| 47 | 9.909 | 1443 | 1447 | 1451 | rVB4 | 3380 | 4755 | 0.71% | 0.068% |
| 48 | 10.012 | 1459 | 1464 | 1466 | rBV4 | 3417 | 5538 | 0.83% | 0.079% |
| 49 | 10.055 | 1466 | 1471 | 1481 | rVB | 344933 | 460319 | 68.77% | 6.569% |
| 50 | 10.195 | 1489 | 1494 | 1498 | rVB5 | 1559 | 2225 | 0.33% | 0.032% |
| 51 | 10.268 | 1503 | 1506 | 1508 | rBV2 | 2032 | 2295 | 0.34% | 0.033% |
| 52 | 10.360 | 1517 | 1521 | 1530 | rVB2 | 21998 | 31412 | 4.69% | 0.448% |
| 53 | 10.451 | 1533 | 1536 | 1543 | rVB4 | 1413 | 2449 | 0.37% | 0.035% |
| 54 | 10.531 | 1546 | 1549 | 1551 | rBV2 | 932 | 1307 | 0.20% | 0.019% |
| 55 | 10.592 | 1552 | 1559 | 1562 | rBV5 | 7445 | 10603 | 1.58% | 0.151% |
| 56 | 10.677 | 1566 | 1573 | 1576 | rBV6 | 3599 | 7751 | 1.16% | 0.111% |
| 57 | 10.787 | 1583 | 1591 | 1596 | rBV3 | 18013 | 29628 | 4.43% | 0.423% |
| 58 | 10.860 | 1599 | 1603 | 1606 | rVV3 | 12997 | 19711 | 2.94% | 0.281% |
| 59 | 10.896 | 1606 | 1609 | 1614 | rVB4 | 11467 | 16062 | 2.40% | 0.229% |
| 60 | 10.951 | 1614 | 1618 | 1623 | rVB5 | 2944 | 4871 | 0.73% | 0.070% |
| 61 | 11.000 | 1623 | 1626 | 1628 | rBV3 | 3710 | 4503 | 0.67% | 0.064% |
| 62 | 11.085 | 1637 | 1640 | 1642 | rBV4 | 11365 | 11996 | 1.79% | 0.171% |
| 63 | 11.195 | 1651 | 1658 | 1671 | rBV | 244399 | 337244 | 50.38% | 4.812% |
| 64 | 11.311 | 1674 | 1677 | 1679 | rBV2 | 3032 | 3452 | 0.52% | 0.049% |
| 65 | 11.396 | 1686 | 1691 | 1693 | rBV5 | 5847 | 9837 | 1.47% | 0.140% |
| 66 | 11.439 | 1693 | 1698 | 1700 | rVV3 | 10650 | 17901 | 2.67% | 0.255% |
| 67 | 11.482 | 1701 | 1705 | 1710 | rVB | 95360 | 113429 | 16.94% | 1.619% |
| 68 | 11.689 | 1735 | 1739 | 1740 | rBV3 | 4582 | 5965 | 0.89% | 0.085% |
| 69 | 11.719 | 1740 | 1744 | 1747 | rVV | 21988 | 27094 | 4.05% | 0.387% |
| 70 | 11.756 | 1747 | 1750 | 1753 | rVB3 | 10753 | 14306 | 2.14% | 0.204% |
| 71 | 11.841 | 1760 | 1764 | 1767 | rBV5 | 4160 | 6803 | 1.02% | 0.097% |
| 72 | 11.945 | 1778 | 1781 | 1784 | rBV3 | 8653 | 12064 | 1.80% | 0.172% |
| 73 | 12.024 | 1789 | 1794 | 1800 | rBV | 336251 | 419954 | 62.74% | 5.993% |
| 74 | 12.079 | 1800 | 1803 | 1805 | rVV4 | 6892 | 7620 | 1.14% | 0.109% |
| 75 | 12.104 | 1805 | 1807 | 1810 | rVB2 | 8713 | 9148 | 1.37% | 0.131% |
| 76 | 12.268 | 1827 | 1834 | 1837 | rBV2 | 9331 | 16508 | 2.47% | 0.236% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

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\SFAMXLM110821WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 12.323 | 1838 | 1843 | 1850 | rVB | 342954 | 442947 | 66.17% | 6.321% |
| 78 | 12.427 | 1856 | 1860 | 1864 | rVB2 | 62943 | 68411 | 10.22% | 0.976% |
| 79 | 12.561 | 1875 | 1882 | 1884 | rBV7 | 6214 | 15145 | 2.26% | 0.216% |
| 80 | 12.689 | 1899 | 1903 | 1906 | rVB5 | 3568 | 4720 | 0.71% | 0.067% |
| 81 | 12.799 | 1918 | 1921 | 1922 | rBV2 | 2056 | 2326 | 0.35% | 0.033% |
| 82 | 12.896 | 1933 | 1937 | 1939 | rBV4 | 3934 | 6801 | 1.02% | 0.097% |
| 83 | 13.213 | 1987 | 1989 | 1992 | rBV4 | 1435 | 1316 | 0.20% | 0.019% |
| 84 | 13.268 | 1994 | 1998 | 2007 | rVB3 | 20389 | 31466 | 4.70% | 0.449% |
| 85 | 13.384 | 2014 | 2017 | 2021 | rBV2 | 5905 | 7526 | 1.12% | 0.107% |
| 86 | 13.591 | 2047 | 2051 | 2053 | rBV4 | 941 | 1393 | 0.21% | 0.020% |
| 87 | 13.701 | 2064 | 2069 | 2072 | rBV6 | 2115 | 3617 | 0.54% | 0.052% |
| 88 | 13.847 | 2089 | 2093 | 2096 | rVB2 | 4480 | 6263 | 0.94% | 0.089% |
| 89 | 14.042 | 2120 | 2125 | 2129 | rBV2 | 14678 | 16541 | 2.47% | 0.236% |
| 90 | 14.073 | 2129 | 2130 | 2131 | rBV | 1240 | 792 | 0.12% | 0.011% |
| 91 | 14.408 | 2182 | 2185 | 2187 | rBV2 | 1120 | 1353 | 0.20% | 0.019% |
| 92 | 14.499 | 2197 | 2200 | 2202 | rBV3 | 1444 | 1652 | 0.25% | 0.024% |
| 93 | 14.615 | 2216 | 2219 | 2223 | rBV3 | 2852 | 3855 | 0.58% | 0.055% |
| 94 | 14.762 | 2237 | 2243 | 2246 | rBV | 5874 | 8268 | 1.24% | 0.118% |
| 95 | 14.981 | 2277 | 2279 | 2284 | rVB2 | 661 | 810 | 0.12% | 0.012% |
| 96 | 15.194 | 2310 | 2314 | 2315 | rBV2 | 918 | 1026 | 0.15% | 0.015% |
| 97 | 15.493 | 2359 | 2363 | 2367 | rBV4 | 1866 | 2476 | 0.37% | 0.035% |
| 98 | 15.828 | 2415 | 2418 | 2420 | rBV2 | 945 | 834 | 0.12% | 0.012% |
| 99 | 16.353 | 2501 | 2504 | 2505 | rBV2 | 656 | 813 | 0.12% | 0.012% |
| 100 | 16.371 | 2505 | 2507 | 2511 | rVV4 | 859 | 1208 | 0.18% | 0.017% |

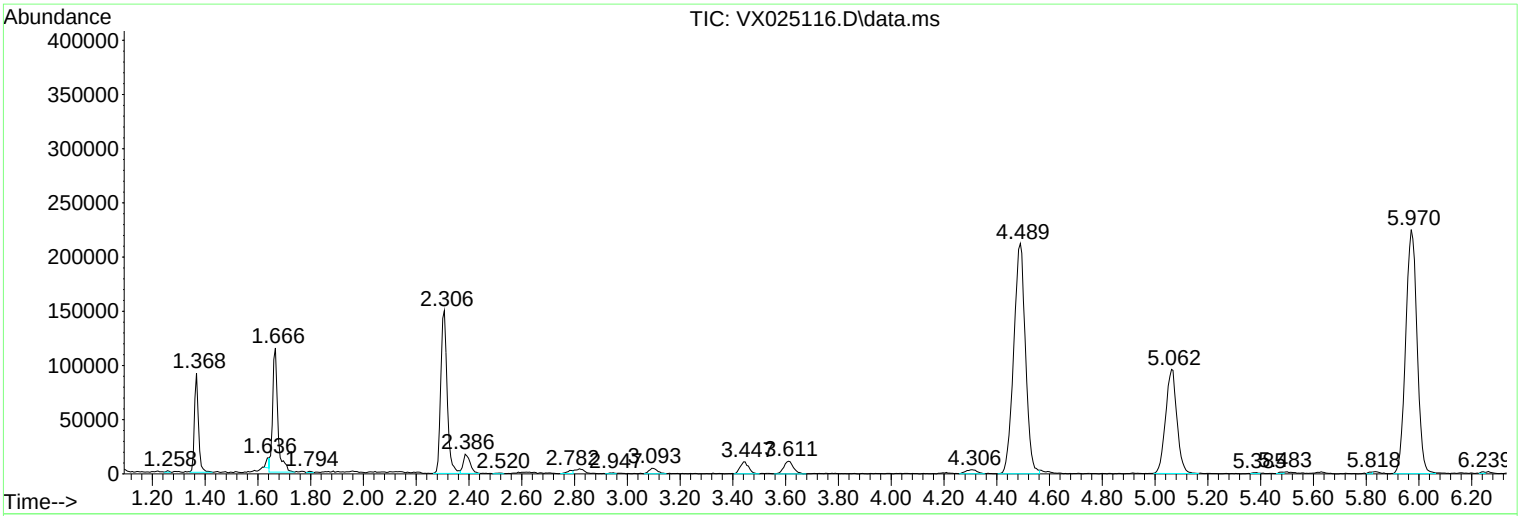
Sum of corrected areas: 7007863

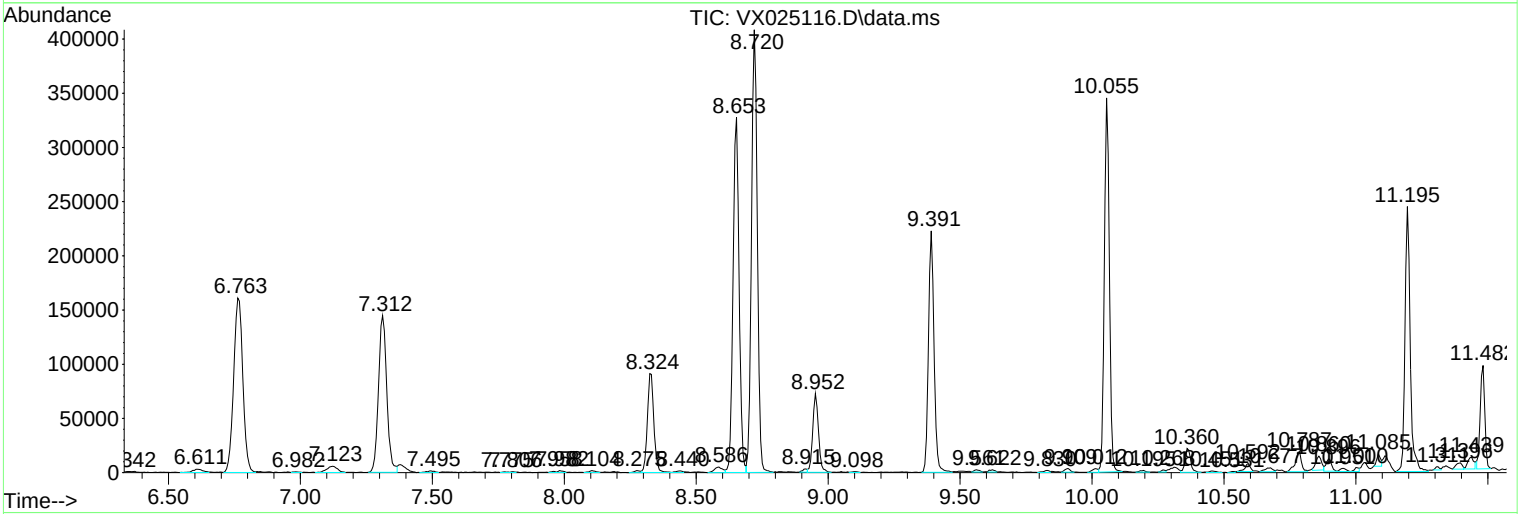
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

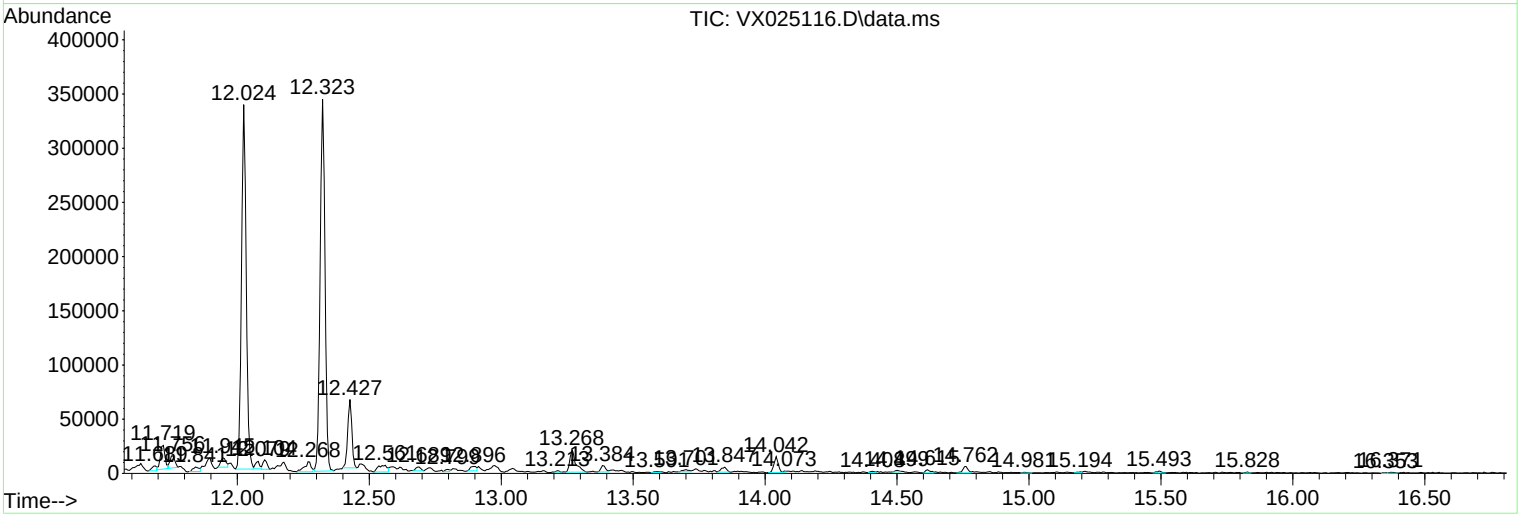
**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

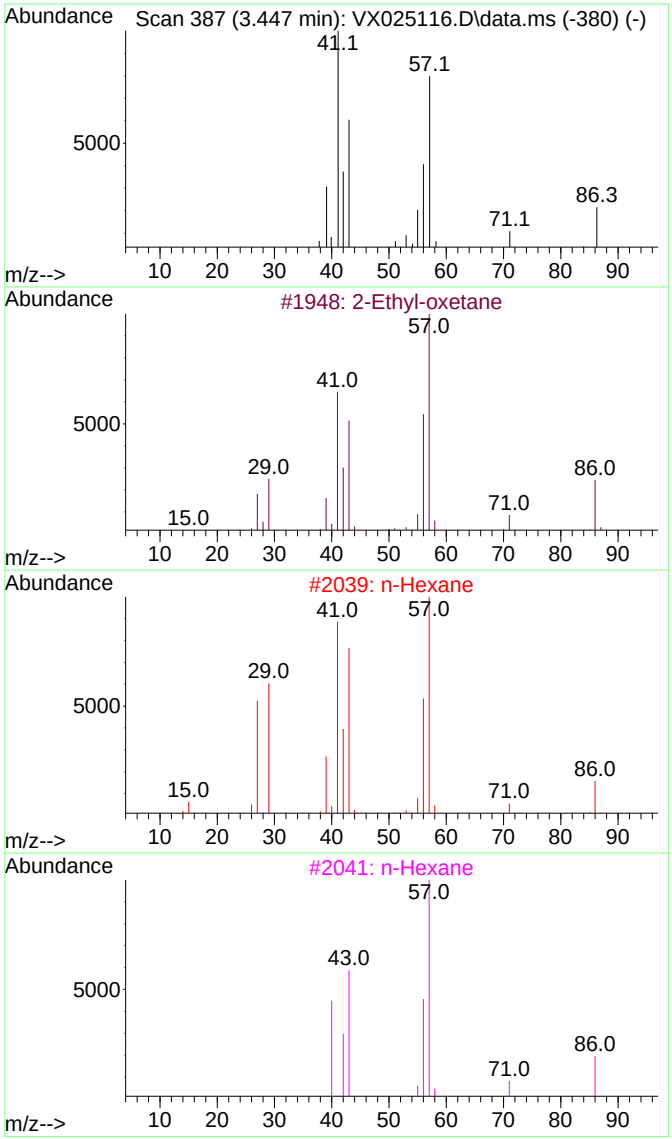
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis

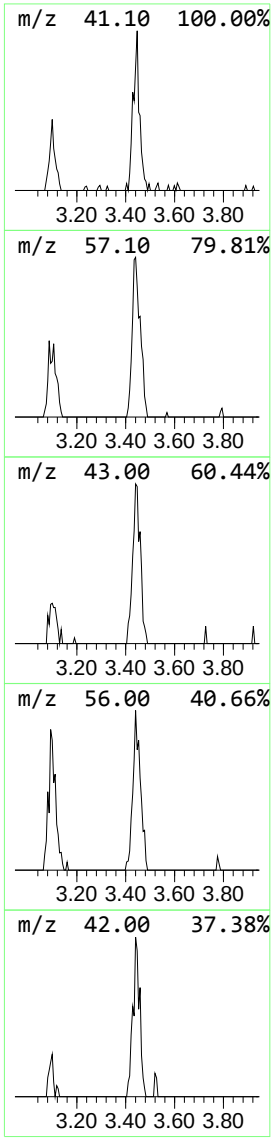
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Ethyl-oxetane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.447 | 3.14 ug/L | 24228 | 1,4-Difluorobenzene | 6.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Ethyl-oxetane | 86 | C5H10O | 1010386-40-2 | 72 |
| 2 | n-Hexane | 86 | C6H14 | 000110-54-3 | 50 |
| 3 | n-Hexane | 86 | C6H14 | 000110-54-3 | 45 |
| 4 | Butane, 1-chloro-2-methyl- | 106 | C5H11Cl | 000616-13-7 | 40 |
| 5 | 1-Propene, 2-methyl- | 56 | C4H8 | 000115-11-7 | 38 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

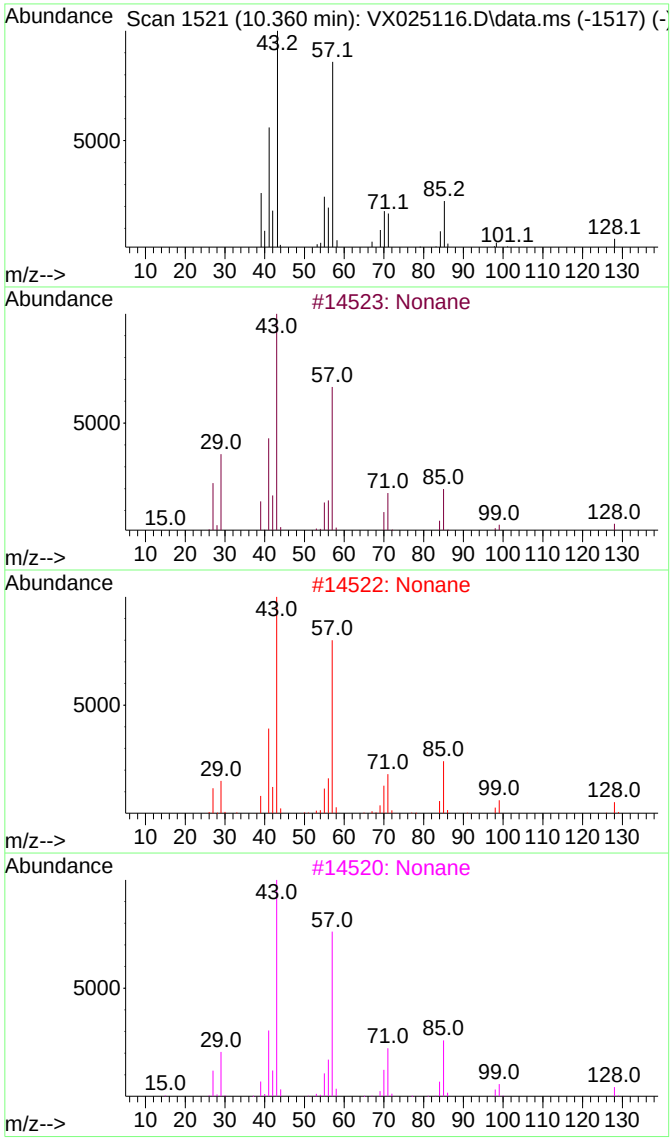
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis

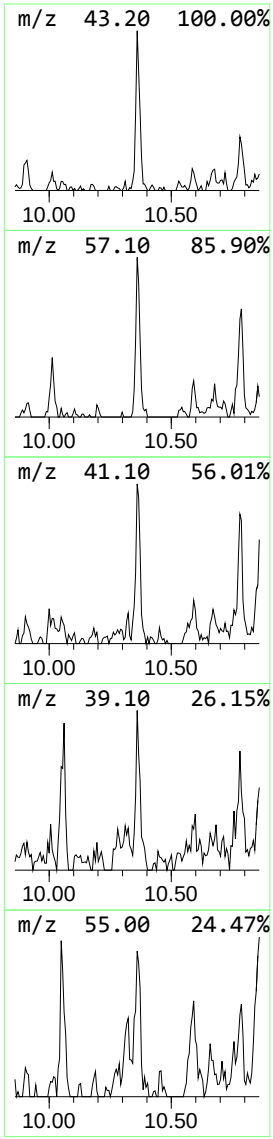
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.360 | 3.41 ug/L | 31412 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 86 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 72 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 72 |
| 5 | Undecane, 5,7-dimethyl- | 184 | C13H28 | 017312-83-3 | 64 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis

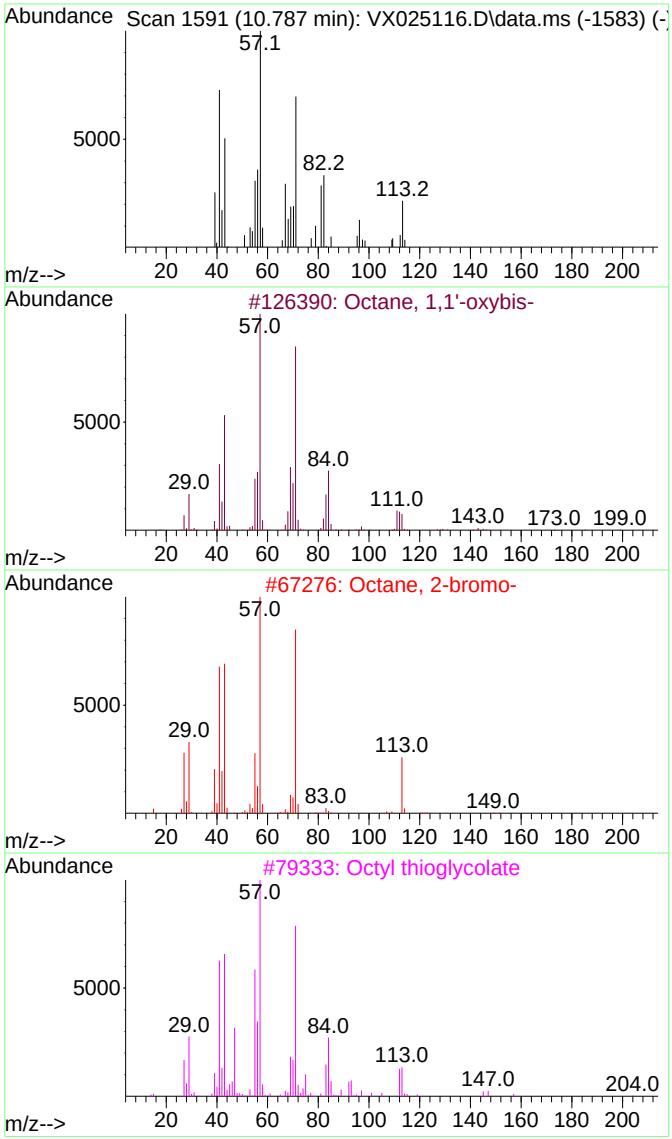
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

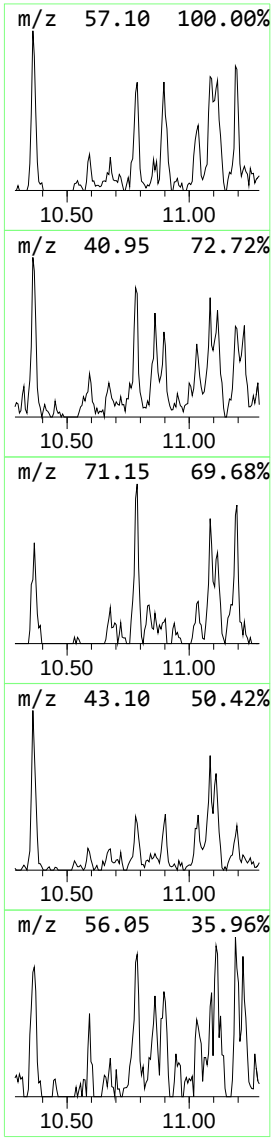
**********

Peak Number 4 unknown-01 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.787 | 3.22 ug/L | 29628 | Chlorobenzene-d5 | 10.055 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 1,1'-oxybis- | 242 | C16H34O | 000629-82-3 | 47 |
| 2 | Octane, 2-bromo- | 192 | C8H17Br | 000557-35-7 | 43 |
| 3 | Octyl thioglycolate | 204 | C10H20O2S | 007664-80-4 | 43 |
| 4 | 2-Nonen-1-ol | 142 | C9H18O | 022104-79-6 | 43 |
| 5 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 43 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

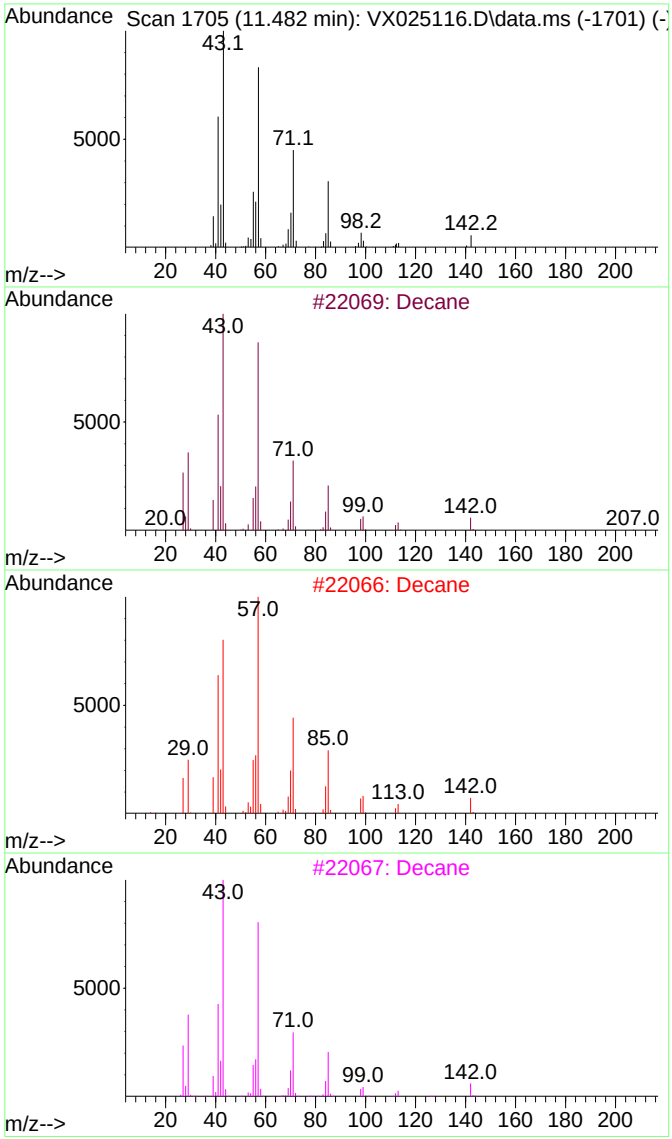
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis

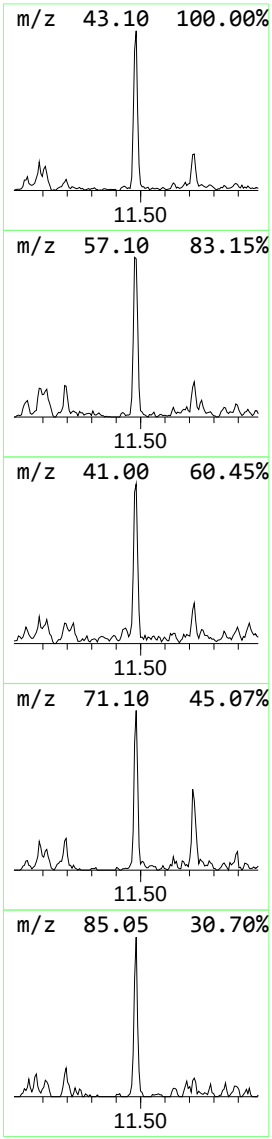
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.482 | 13.50 ug/L | 113429 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 91 |
| 2 | Decane | 142 | C10H22 | 000124-18-5 | 87 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 80 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 64 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 59 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

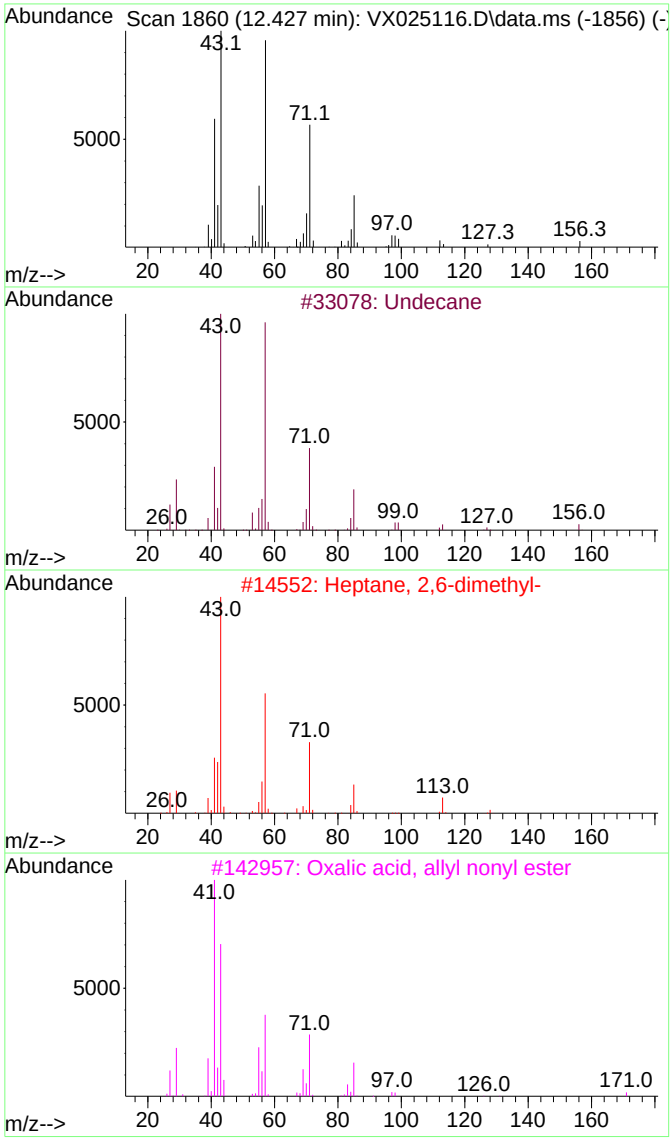
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis

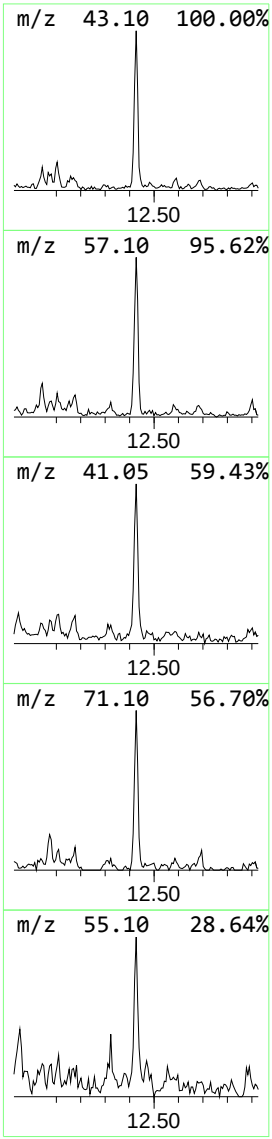
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.427 | 8.15 ug/L | 68411 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 87 |
| 2 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 80 |
| 3 | Oxalic acid, allyl nonyl ester | 256 | C14H24O4 | 1000309-23-7 | 72 |
| 4 | Undecane | 156 | C11H24 | 001120-21-4 | 53 |
| 5 | Octane, 2,7-dimethyl- | 142 | C10H22 | 001072-16-8 | 53 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

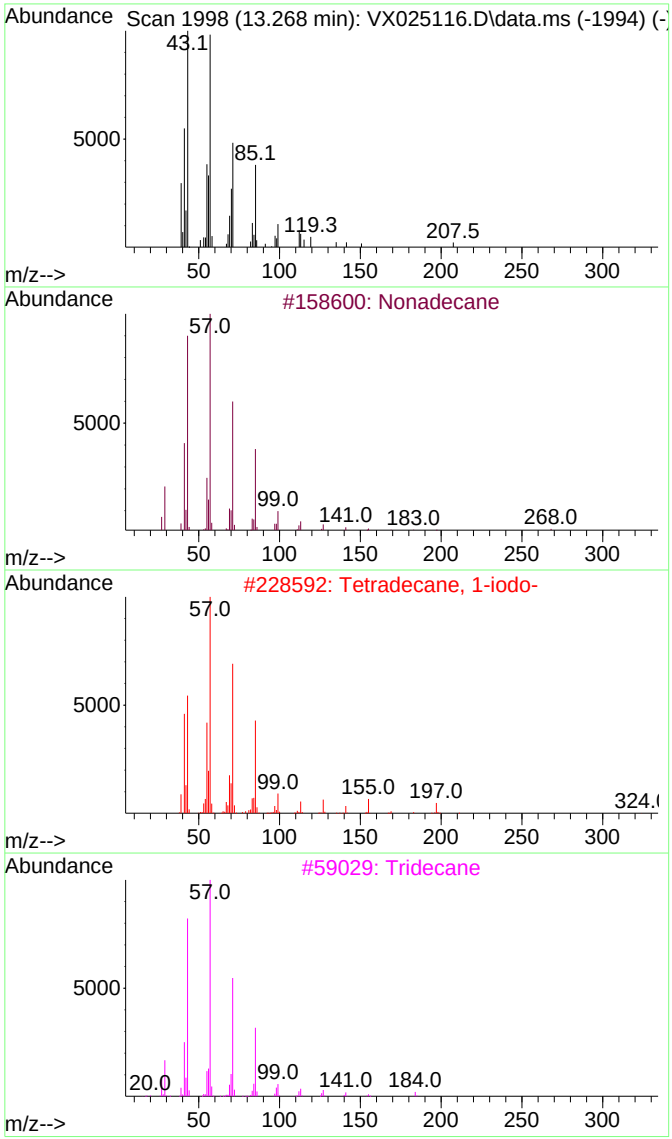
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis

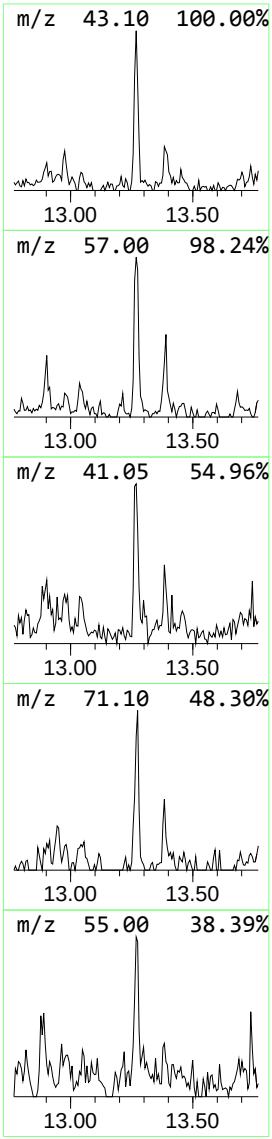
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.268 | 3.75 ug/L | 31466 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 72 |
| 2 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 64 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025116.D
Acq On : 09 Nov 2021 13:00
Operator : JC/MD
Sample : M4464-12ME 10X
Misc : 7.38g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
GB7L0ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.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 |
| 2-Ethyl-oxetane | 3.447 | 3.1 | ug/L | 24228 | 1 | 6.769 | 386267 | 50.0 |
| (DEL) Alkane: S... | 10.360 | 3.4 | ug/L | 31412 | 2 | 10.055 | 460319 | 50.0 |
| unknown-01 | 10.787 | 3.2 | ug/L | 29628 | 2 | 10.055 | 460319 | 50.0 |
| (DEL) Alkane: S... | 11.482 | 13.5 | ug/L | 113429 | 3 | 12.024 | 419954 | 50.0 |
| (DEL) Alkane: S... | 12.427 | 8.2 | ug/L | 68411 | 3 | 12.024 | 419954 | 50.0 |
| (DEL) Alkane: S... | 13.268 | 3.8 | ug/L | 31466 | 3 | 12.024 | 419954 | 50.0 |