LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
Data File : VW028126.D
Acq On : 07 Mar 2024 14:56
Operator : SY/MD
Sample : VIBLK402
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK402

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_W\Method\SFAMWLM022924SMA.M
Title : SFAM01.0

Signal : TIC: VW028126.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.363 | 72 | 78 | 95 | rVB2 | 24523 | 65736 | 7.49% | 1.359% |
| 2 | 2.893 | 159 | 165 | 180 | rBV | 15628 | 45824 | 5.22% | 0.947% |
| 3 | 3.393 | 240 | 247 | 252 | rBV5 | 1151 | 2727 | 0.31% | 0.056% |
| 4 | 3.667 | 290 | 292 | 293 | rBV2 | 243 | 162 | 0.02% | 0.003% |
| 5 | 4.027 | 340 | 351 | 365 | rBV2 | 46760 | 160201 | 18.25% | 3.311% |
| 6 | 4.204 | 378 | 380 | 382 | rBV | 221 | 140 | 0.02% | 0.003% |
| 7 | 4.393 | 405 | 411 | 418 | rVV4 | 488 | 1226 | 0.14% | 0.025% |
| 8 | 4.484 | 424 | 426 | 427 | rBV | 117 | 101 | 0.01% | 0.002% |
| 9 | 4.527 | 430 | 433 | 436 | rVB2 | 138 | 170 | 0.02% | 0.004% |
| 10 | 4.612 | 445 | 447 | 449 | rBV | 152 | 119 | 0.01% | 0.002% |
| 11 | 4.832 | 481 | 483 | 486 | rBV2 | 115 | 139 | 0.02% | 0.003% |
| 12 | 4.923 | 486 | 498 | 520 | rVB2 | 11812 | 48122 | 5.48% | 0.995% |
| 13 | 5.313 | 560 | 562 | 565 | rBV2 | 160 | 223 | 0.03% | 0.005% |
| 14 | 5.405 | 576 | 577 | 580 | rBV | 137 | 138 | 0.02% | 0.003% |
| 15 | 5.435 | 580 | 582 | 584 | rVV | 122 | 88 | 0.01% | 0.002% |
| 16 | 5.722 | 627 | 629 | 630 | rBV | 320 | 182 | 0.02% | 0.004% |
| 17 | 5.758 | 630 | 635 | 643 | rVB2 | 828 | 1827 | 0.21% | 0.038% |
| 18 | 5.941 | 655 | 665 | 676 | rVB3 | 5353 | 16392 | 1.87% | 0.339% |
| 19 | 6.081 | 687 | 688 | 690 | rBV | 139 | 89 | 0.01% | 0.002% |
| 20 | 6.155 | 695 | 700 | 701 | rBV2 | 96 | 122 | 0.01% | 0.003% |
| 21 | 6.197 | 705 | 707 | 710 | rBV2 | 193 | 224 | 0.03% | 0.005% |
| 22 | 6.246 | 713 | 715 | 718 | rVB | 173 | 188 | 0.02% | 0.004% |
| 23 | 6.277 | 718 | 720 | 722 | rBV2 | 184 | 144 | 0.02% | 0.003% |
| 24 | 6.331 | 726 | 729 | 730 | rBV2 | 138 | 149 | 0.02% | 0.003% |
| 25 | 6.411 | 740 | 742 | 744 | rVB | 123 | 125 | 0.01% | 0.003% |
| 26 | 6.441 | 744 | 747 | 750 | rBV2 | 155 | 278 | 0.03% | 0.006% |
| 27 | 6.533 | 760 | 762 | 763 | rBV | 110 | 108 | 0.01% | 0.002% |
| 28 | 6.642 | 778 | 780 | 782 | rBV | 157 | 100 | 0.01% | 0.002% |
| 29 | 6.661 | 782 | 783 | 784 | rBV | 182 | 88 | 0.01% | 0.002% |
| 30 | 6.819 | 808 | 809 | 811 | rBV | 154 | 99 | 0.01% | 0.002% |
| 31 | 6.862 | 814 | 816 | 818 | rBV | 136 | 111 | 0.01% | 0.002% |
| 32 | 6.886 | 818 | 820 | 823 | rBV | 171 | 169 | 0.02% | 0.003% |
| 33 | 6.965 | 832 | 833 | 835 | rBV | 152 | 118 | 0.01% | 0.002% |
| 34 | 7.075 | 844 | 851 | 855 | rBV | 8972 | 22421 | 2.55% | 0.463% |
| 35 | 7.496 | 919 | 920 | 921 | rBV | 168 | 94 | 0.01% | 0.002% |
| 36 | 7.563 | 929 | 931 | 932 | rBV | 277 | 193 | 0.02% | 0.004% |

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Operator : SY/MD
Sample : VIBLK402
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK402

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_W\Method\SFAMWLM022924SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 7.648 | 934 | 945 | 956 | rVV | 72143 | 176235 | 20.08% | 3.643% |
| 38 | 7.746 | 959 | 961 | 962 | rBV | 192 | 106 | 0.01% | 0.002% |
| 39 | 7.813 | 970 | 972 | 976 | rVB | 171 | 161 | 0.02% | 0.003% |
| 40 | 7.880 | 981 | 983 | 985 | rVB2 | 184 | 107 | 0.01% | 0.002% |
| 41 | 7.941 | 985 | 993 | 998 | rBV4 | 562 | 1262 | 0.14% | 0.026% |
| 42 | 8.276 | 1037 | 1048 | 1064 | rBV2 | 147064 | 422567 | 48.14% | 8.734% |
| 43 | 8.404 | 1067 | 1069 | 1074 | rVB3 | 242 | 309 | 0.04% | 0.006% |
| 44 | 8.514 | 1085 | 1087 | 1089 | rVB | 163 | 120 | 0.01% | 0.002% |
| 45 | 8.538 | 1089 | 1091 | 1093 | rVB2 | 139 | 131 | 0.01% | 0.003% |
| 46 | 8.557 | 1093 | 1094 | 1095 | rBV | 209 | 101 | 0.01% | 0.002% |
| 47 | 8.679 | 1112 | 1114 | 1116 | rBV2 | 195 | 170 | 0.02% | 0.004% |
| 48 | 8.697 | 1116 | 1117 | 1121 | rVB3 | 264 | 183 | 0.02% | 0.004% |
| 49 | 8.837 | 1132 | 1140 | 1153 | rBV | 338494 | 672027 | 76.56% | 13.890% |
| 50 | 9.044 | 1173 | 1174 | 1176 | rBV2 | 119 | 114 | 0.01% | 0.002% |
| 51 | 9.075 | 1176 | 1179 | 1180 | rBV2 | 426 | 368 | 0.04% | 0.008% |
| 52 | 9.178 | 1194 | 1196 | 1199 | rVB | 244 | 177 | 0.02% | 0.004% |
| 53 | 9.270 | 1202 | 1211 | 1221 | rBV | 87199 | 175077 | 19.94% | 3.619% |
| 54 | 9.453 | 1238 | 1241 | 1244 | rBV2 | 142 | 214 | 0.02% | 0.004% |
| 55 | 9.550 | 1256 | 1257 | 1260 | rBV | 103 | 93 | 0.01% | 0.002% |
| 56 | 9.642 | 1270 | 1272 | 1274 | rBV | 200 | 218 | 0.02% | 0.005% |
| 57 | 9.703 | 1280 | 1282 | 1284 | rBV2 | 196 | 203 | 0.02% | 0.004% |
| 58 | 9.758 | 1289 | 1291 | 1293 | rVB | 175 | 91 | 0.01% | 0.002% |
| 59 | 10.032 | 1326 | 1336 | 1348 | rBV | 48286 | 89470 | 10.19% | 1.849% |
| 60 | 10.148 | 1353 | 1355 | 1358 | rVB | 114 | 110 | 0.01% | 0.002% |
| 61 | 10.178 | 1358 | 1360 | 1363 | rBV | 165 | 119 | 0.01% | 0.002% |
| 62 | 10.319 | 1376 | 1383 | 1391 | rBV | 211104 | 378936 | 43.17% | 7.832% |
| 63 | 10.434 | 1400 | 1402 | 1403 | rBV2 | 164 | 128 | 0.01% | 0.003% |
| 64 | 10.453 | 1403 | 1405 | 1406 | rBV2 | 248 | 176 | 0.02% | 0.004% |
| 65 | 10.575 | 1419 | 1425 | 1437 | rVB | 31676 | 54135 | 6.17% | 1.119% |
| 66 | 10.697 | 1437 | 1445 | 1454 | rBV | 49191 | 87780 | 10.00% | 1.814% |
| 67 | 10.770 | 1456 | 1457 | 1464 | rVB3 | 333 | 301 | 0.03% | 0.006% |
| 68 | 10.855 | 1465 | 1471 | 1476 | rVB4 | 681 | 1413 | 0.16% | 0.029% |
| 69 | 10.922 | 1476 | 1482 | 1489 | rBV | 39704 | 66826 | 7.61% | 1.381% |
| 70 | 11.056 | 1499 | 1504 | 1512 | rVB2 | 4639 | 8231 | 0.94% | 0.170% |
| 71 | 11.178 | 1519 | 1524 | 1528 | rVB4 | 1014 | 1631 | 0.19% | 0.034% |
| 72 | 11.233 | 1531 | 1533 | 1534 | rBV | 270 | 230 | 0.03% | 0.005% |
| 73 | 11.343 | 1548 | 1551 | 1554 | rBV2 | 90 | 137 | 0.02% | 0.003% |
| 74 | 11.392 | 1556 | 1559 | 1560 | rBV3 | 242 | 183 | 0.02% | 0.004% |
| 75 | 11.434 | 1561 | 1566 | 1571 | rVB2 | 2109 | 2999 | 0.34% | 0.062% |
| 76 | 11.501 | 1576 | 1577 | 1578 | rBV | 178 | 89 | 0.01% | 0.002% |

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Sample : VIBLK402
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK402

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_W\Method\SFAMWLM022924SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 11.629 | 1590 | 1598 | 1610 | rBV | 491118 | 810588 | 92.34% | 16.754% |
| 78 | 11.830 | 1625 | 1631 | 1632 | rBV3 | 1448 | 2209 | 0.25% | 0.046% |
| 79 | 11.952 | 1649 | 1651 | 1654 | rBV2 | 120 | 139 | 0.02% | 0.003% |
| 80 | 12.001 | 1656 | 1659 | 1662 | rVV2 | 177 | 196 | 0.02% | 0.004% |
| 81 | 12.062 | 1667 | 1669 | 1670 | rVV2 | 343 | 265 | 0.03% | 0.005% |
| 82 | 12.172 | 1681 | 1687 | 1692 | rBV6 | 1015 | 1908 | 0.22% | 0.039% |
| 83 | 12.257 | 1696 | 1701 | 1702 | rBV | 319 | 330 | 0.04% | 0.007% |
| 84 | 12.288 | 1703 | 1706 | 1707 | rBV2 | 521 | 524 | 0.06% | 0.011% |
| 85 | 12.471 | 1731 | 1736 | 1739 | rBV5 | 2733 | 6089 | 0.69% | 0.126% |
| 86 | 12.605 | 1753 | 1758 | 1766 | rVB | 25918 | 44534 | 5.07% | 0.920% |
| 87 | 12.690 | 1766 | 1772 | 1780 | rVB | 73397 | 122462 | 13.95% | 2.531% |
| 88 | 12.800 | 1785 | 1790 | 1793 | rBV2 | 551 | 625 | 0.07% | 0.013% |
| 89 | 12.928 | 1809 | 1811 | 1822 | rVB6 | 2629 | 5008 | 0.57% | 0.104% |
| 90 | 13.550 | 1907 | 1913 | 1923 | rBV | 511617 | 877834 | 100.00% | 18.144% |
| 91 | 13.848 | 1955 | 1962 | 1969 | rVB | 192053 | 318465 | 36.28% | 6.582% |
| 92 | 14.062 | 1989 | 1997 | 2004 | rBV7 | 24408 | 75041 | 8.55% | 1.551% |
| 93 | 14.684 | 2087 | 2099 | 2112 | rVB6 | 12813 | 41496 | 4.73% | 0.858% |
| 94 | 14.793 | 2112 | 2117 | 2121 | rBV4 | 1341 | 3019 | 0.34% | 0.062% |
| 95 | 15.129 | 2167 | 2172 | 2176 | rVB2 | 2882 | 4146 | 0.47% | 0.086% |
| 96 | 15.293 | 2195 | 2199 | 2200 | rBV2 | 427 | 527 | 0.06% | 0.011% |
| 97 | 15.360 | 2206 | 2210 | 2215 | rVB | 3480 | 5362 | 0.61% | 0.111% |
| 98 | 15.549 | 2236 | 2241 | 2249 | rVB2 | 2849 | 5336 | 0.61% | 0.110% |
| 99 | 16.403 | 2377 | 2381 | 2383 | rBV4 | 512 | 688 | 0.08% | 0.014% |
| 100 | 16.720 | 2432 | 2433 | 2435 | rBV2 | 318 | 210 | 0.02% | 0.004% |

Sum of corrected areas: 4838266

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
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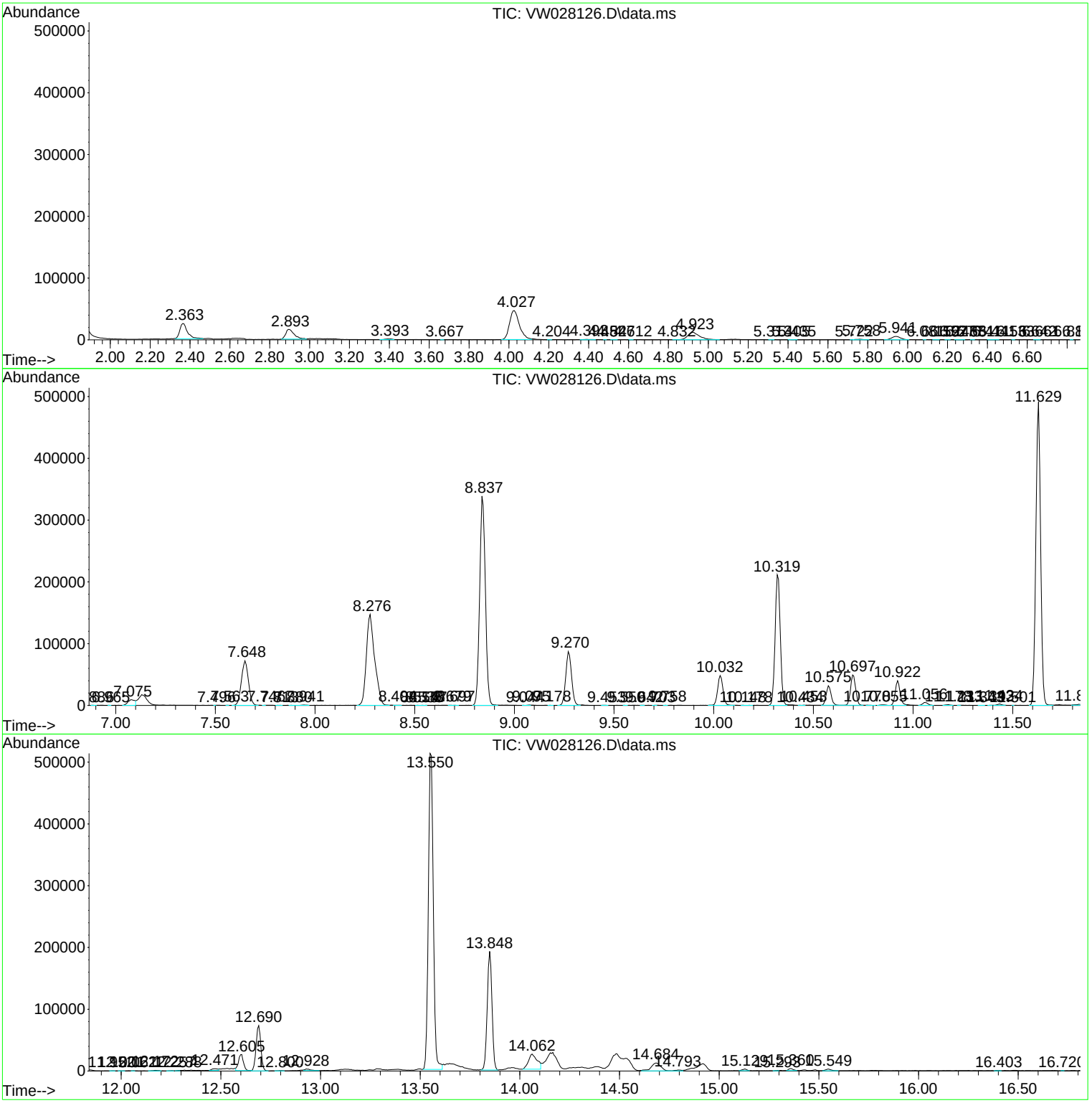
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK402

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
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Operator : SY/MD
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**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK402

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

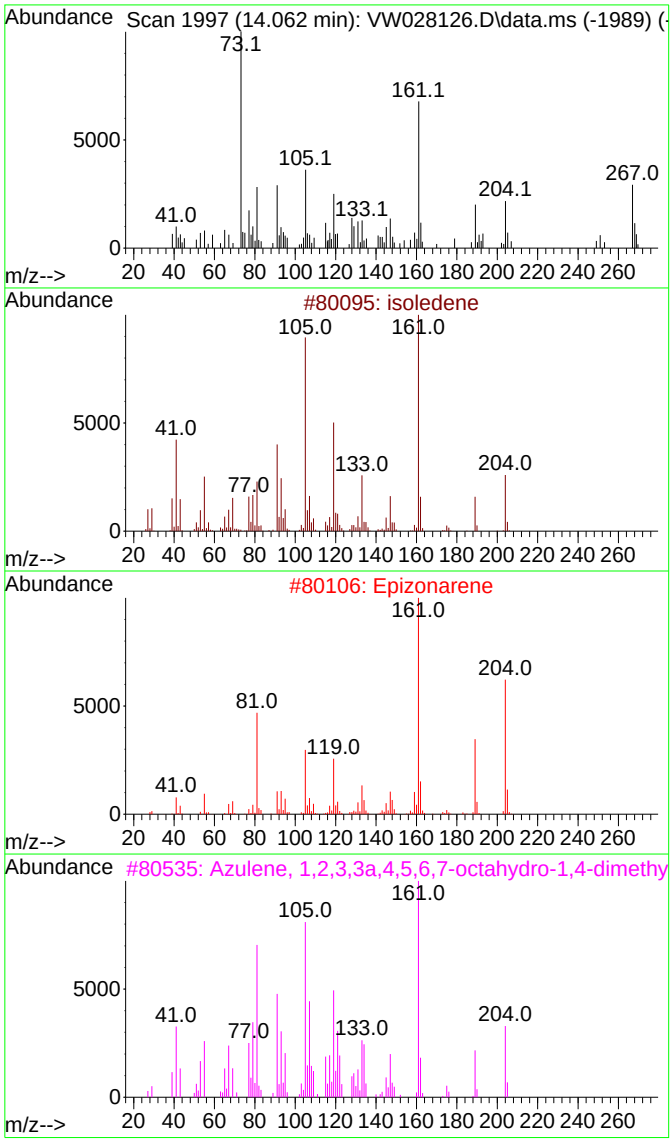
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

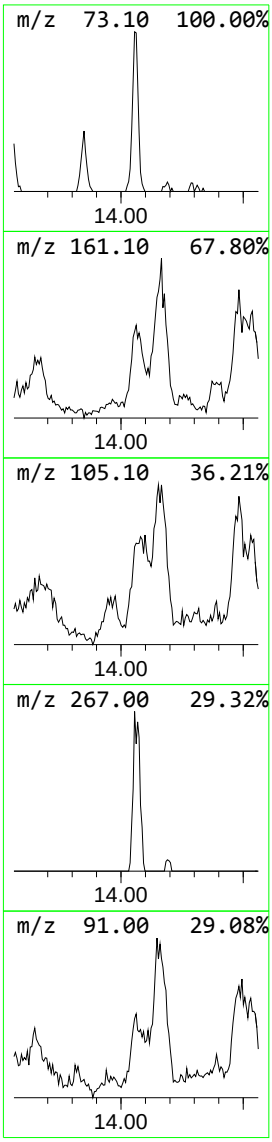
**********

Peak Number 4 isoledene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.062 | 2.14 ug/L | 75041 | 1,4-Dichlorobenzene-d4 | 13.550 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | isoledene | 204 | C15H24 | 095910-36-4 | 91 |
| 2 | Epizonarene | 204 | C15H24 | 041702-63-0 | 83 |
| 3 | Azulene, 1,2,3,3a,4,5,6,7-octahy... | 204 | C15H24 | 022567-17-5 | 83 |
| 4 | Zonarene | 204 | C15H24 | 041929-05-9 | 78 |
| 5 | .gamma.-Muurolene | 204 | C15H24 | 030021-74-0 | 70 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
Data File : VW028126.D
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Operator : SY/MD
Sample : VIBLK402
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**Instrument :**
MSVOA_W
**ClientSampleId :**
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| isoledene | 14.062 | 2.1 | ug/L | 75041 | 3 | 13.550 | 877834 | 25.0 |