

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060424\  
 Data File : VV035973.D  
 Acq On : 04 Jun 2024 13:15  
 Operator : SY/MD  
 Sample : P2695-16DL 2X  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DF8DL

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\_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV035973.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.272       | 66            | 72          | 97           | rVB      | 301686         | 333861        | 7.61%           | 0.753%        |
| 2         | 1.526       | 144           | 151         | 166          | rVB      | 241208         | 287587        | 6.56%           | 0.648%        |
| 3         | 2.050       | 305           | 314         | 329          | rBV      | 511105         | 736823        | 16.80%          | 1.661%        |
| 4         | 2.153       | 332           | 346         | 406          | rVB      | 111638         | 553177        | 12.61%          | 1.247%        |
| 5         | 2.439       | 425           | 435         | 460          | rVB      | 541722         | 910923        | 20.77%          | 2.054%        |
| 6         | 2.690       | 501           | 513         | 554          | rBV2     | 549989         | 1205969       | 27.49%          | 2.719%        |
| 7         | 2.963       | 588           | 598         | 614          | rVB3     | 11502          | 23213         | 0.53%           | 0.052%        |
| 8         | 3.105       | 627           | 642         | 666          | rBV      | 431234         | 907822        | 20.70%          | 2.047%        |
| 9         | 3.426       | 738           | 742         | 746          | rVB3     | 442            | 398           | 0.01%           | 0.001%        |
| 10        | 3.471       | 753           | 756         | 760          | rVB3     | 458            | 320           | 0.01%           | 0.001%        |
| 11        | 3.497       | 760           | 764         | 770          | rVB4     | 358            | 384           | 0.01%           | 0.001%        |
| 12        | 3.548       | 778           | 780         | 784          | rBV3     | 361            | 333           | 0.01%           | 0.001%        |
| 13        | 3.632       | 802           | 806         | 808          | rBV2     | 667            | 470           | 0.01%           | 0.001%        |
| 14        | 3.690       | 819           | 824         | 827          | rBV2     | 291            | 295           | 0.01%           | 0.001%        |
| 15        | 3.809       | 845           | 861         | 886          | rBV      | 535528         | 1467417       | 33.45%          | 3.309%        |
| 16        | 4.252       | 981           | 999         | 1035         | rBV3     | 388953         | 1358146       | 30.96%          | 3.062%        |
| 17        | 4.510       | 1072          | 1079        | 1090         | rVB7     | 3435           | 6715          | 0.15%           | 0.015%        |
| 18        | 4.629       | 1114          | 1116        | 1120         | rVB3     | 569            | 347           | 0.01%           | 0.001%        |
| 19        | 4.732       | 1129          | 1148        | 1169         | rBV      | 105201         | 260788        | 5.95%           | 0.588%        |
| 20        | 4.953       | 1200          | 1217        | 1224         | rBV2     | 757894         | 1768573       | 40.32%          | 3.988%        |
| 21        | 5.455       | 1371          | 1373        | 1377         | rVB3     | 620            | 435           | 0.01%           | 0.001%        |
| 22        | 5.532       | 1385          | 1397        | 1430         | rBV      | 518088         | 1093143       | 24.92%          | 2.465%        |
| 23        | 5.828       | 1475          | 1489        | 1526         | rBV      | 1221446        | 2494763       | 56.87%          | 5.625%        |
| 24        | 5.985       | 1526          | 1538        | 1568         | rVV      | 418309         | 868353        | 19.80%          | 1.958%        |
| 25        | 6.281       | 1628          | 1630        | 1634         | rVB3     | 600            | 380           | 0.01%           | 0.001%        |
| 26        | 6.387       | 1658          | 1663        | 1664         | rBV5     | 458            | 418           | 0.01%           | 0.001%        |
| 27        | 6.429       | 1664          | 1676        | 1714         | rBV      | 467966         | 912039        | 20.79%          | 2.056%        |
| 28        | 6.584       | 1716          | 1724        | 1746         | rBV3     | 12818          | 36132         | 0.82%           | 0.081%        |
| 29        | 6.911       | 1814          | 1826        | 1831         | rBV      | 232360         | 370015        | 8.44%           | 0.834%        |
| 30        | 6.950       | 1831          | 1838        | 1879         | rVB      | 701923         | 1311680       | 29.90%          | 2.958%        |
| 31        | 7.159       | 1892          | 1903        | 1918         | rBV      | 932262         | 1730532       | 39.45%          | 3.902%        |
| 32        | 7.239       | 1919          | 1928        | 1941         | rVV      | 947882         | 1691856       | 38.57%          | 3.815%        |
| 33        | 7.313       | 1942          | 1951        | 1986         | rVB      | 784719         | 1404593       | 32.02%          | 3.167%        |
| 34        | 7.555       | 2016          | 2026        | 2059         | rBV      | 136265         | 264712        | 6.03%           | 0.597%        |
| 35        | 7.767       | 2080          | 2092        | 2116         | rBV      | 495093         | 854510        | 19.48%          | 1.927%        |
| 36        | 7.902       | 2121          | 2134        | 2158         | rVB      | 579714         | 996650        | 22.72%          | 2.247%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Title : VOC Analysis

|    |        |      |      |      |       |         |         |         |        |
|----|--------|------|------|------|-------|---------|---------|---------|--------|
| 37 | 8.030  | 2166 | 2174 | 2206 | rBV   | 155302  | 335683  | 7.65%   | 0.757% |
| 38 | 8.172  | 2207 | 2218 | 2241 | rVV   | 558635  | 977827  | 22.29%  | 2.205% |
| 39 | 8.281  | 2243 | 2252 | 2268 | rVV   | 160190  | 287355  | 6.55%   | 0.648% |
| 40 | 8.362  | 2270 | 2277 | 2295 | rVB   | 24254   | 42949   | 0.98%   | 0.097% |
| 41 | 8.487  | 2314 | 2316 | 2319 | rBV3  | 421     | 318     | 0.01%   | 0.001% |
| 42 | 8.503  | 2319 | 2321 | 2323 | rVV3  | 634     | 334     | 0.01%   | 0.001% |
| 43 | 8.516  | 2323 | 2325 | 2328 | rVB4  | 674     | 346     | 0.01%   | 0.001% |
| 44 | 8.590  | 2345 | 2348 | 2350 | rBV3  | 1185    | 905     | 0.02%   | 0.002% |
| 45 | 8.661  | 2367 | 2370 | 2372 | rBV3  | 704     | 474     | 0.01%   | 0.001% |
| 46 | 8.738  | 2390 | 2394 | 2396 | rBV3  | 560     | 382     | 0.01%   | 0.001% |
| 47 | 8.783  | 2397 | 2408 | 2434 | rVV   | 808378  | 1352948 | 30.84%  | 3.051% |
| 48 | 8.905  | 2434 | 2446 | 2451 | rVV   | 734562  | 1167925 | 26.63%  | 2.633% |
| 49 | 8.944  | 2451 | 2458 | 2487 | rVV   | 1662156 | 2634322 | 60.05%  | 5.940% |
| 50 | 9.069  | 2487 | 2497 | 2538 | rVB   | 586292  | 1003134 | 22.87%  | 2.262% |
| 51 | 9.281  | 2562 | 2563 | 2566 | rBV2  | 672     | 338     | 0.01%   | 0.001% |
| 52 | 9.333  | 2576 | 2579 | 2583 | rBV4  | 734     | 478     | 0.01%   | 0.001% |
| 53 | 9.490  | 2612 | 2628 | 2664 | rBV3  | 2141566 | 4386561 | 100.00% | 9.891% |
| 54 | 9.661  | 2671 | 2681 | 2703 | rVB   | 476206  | 792060  | 18.06%  | 1.786% |
| 55 | 9.995  | 2779 | 2785 | 2790 | rVB4  | 711     | 856     | 0.02%   | 0.002% |
| 56 | 10.062 | 2803 | 2806 | 2811 | rVB5  | 621     | 533     | 0.01%   | 0.001% |
| 57 | 10.175 | 2821 | 2841 | 2867 | rBV2  | 501135  | 1249952 | 28.50%  | 2.818% |
| 58 | 10.323 | 2877 | 2887 | 2900 | rVB   | 32542   | 53633   | 1.22%   | 0.121% |
| 59 | 10.471 | 2930 | 2933 | 2934 | rBV2  | 704     | 362     | 0.01%   | 0.001% |
| 60 | 10.522 | 2945 | 2949 | 2950 | rBV2  | 734     | 499     | 0.01%   | 0.001% |
| 61 | 10.571 | 2959 | 2964 | 2966 | rBV4  | 472     | 386     | 0.01%   | 0.001% |
| 62 | 10.628 | 2979 | 2982 | 2986 | rVB3  | 413     | 290     | 0.01%   | 0.001% |
| 63 | 10.657 | 2986 | 2991 | 2993 | rBV3  | 464     | 423     | 0.01%   | 0.001% |
| 64 | 10.689 | 2999 | 3001 | 3005 | rBV2  | 360     | 264     | 0.01%   | 0.001% |
| 65 | 10.712 | 3005 | 3008 | 3011 | rVV3  | 448     | 323     | 0.01%   | 0.001% |
| 66 | 10.747 | 3011 | 3019 | 3024 | rVV6  | 2058    | 2738    | 0.06%   | 0.006% |
| 67 | 10.805 | 3027 | 3037 | 3045 | rBV8  | 4091    | 6463    | 0.15%   | 0.015% |
| 68 | 10.863 | 3048 | 3055 | 3060 | rBV5  | 1106    | 1500    | 0.03%   | 0.003% |
| 69 | 11.085 | 3116 | 3124 | 3126 | rBV3  | 1191    | 1243    | 0.03%   | 0.003% |
| 70 | 11.127 | 3132 | 3137 | 3143 | rBV4  | 2991    | 3244    | 0.07%   | 0.007% |
| 71 | 11.204 | 3143 | 3161 | 3190 | rBV2  | 1382063 | 3315374 | 75.58%  | 7.475% |
| 72 | 11.490 | 3246 | 3250 | 3252 | rBV3  | 785     | 595     | 0.01%   | 0.001% |
| 73 | 11.558 | 3259 | 3271 | 3301 | rBV   | 820158  | 1314834 | 29.97%  | 2.965% |
| 74 | 11.773 | 3333 | 3338 | 3342 | rBV7  | 1381    | 1672    | 0.04%   | 0.004% |
| 75 | 11.834 | 3351 | 3357 | 3365 | rVB10 | 5220    | 7493    | 0.17%   | 0.017% |
| 76 | 11.995 | 3403 | 3407 | 3410 | rVB5  | 1070    | 763     | 0.02%   | 0.002% |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DF8DL

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\_V\Method\SFAMVLM053024SMA.M

Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 12.017 | 3411 | 3414 | 3417 | rBV3 | 599    | 451     | 0.01%  | 0.001% |
| 78  | 12.082 | 3432 | 3434 | 3438 | rVB3 | 707    | 367     | 0.01%  | 0.001% |
| 79  | 12.143 | 3448 | 3453 | 3455 | rBV5 | 521    | 485     | 0.01%  | 0.001% |
| 80  | 12.194 | 3458 | 3469 | 3480 | rVB2 | 15068  | 24728   | 0.56%  | 0.056% |
| 81  | 12.287 | 3493 | 3498 | 3500 | rBV3 | 709    | 562     | 0.01%  | 0.001% |
| 82  | 12.310 | 3500 | 3505 | 3510 | rVV6 | 1390   | 1868    | 0.04%  | 0.004% |
| 83  | 12.361 | 3510 | 3521 | 3545 | rVV  | 217873 | 355429  | 8.10%  | 0.801% |
| 84  | 12.580 | 3582 | 3589 | 3598 | rBV4 | 4566   | 6856    | 0.16%  | 0.015% |
| 85  | 12.725 | 3631 | 3634 | 3636 | rVB3 | 608    | 246     | 0.01%  | 0.001% |
| 86  | 12.828 | 3659 | 3666 | 3672 | rBV5 | 4286   | 5917    | 0.13%  | 0.013% |
| 87  | 12.921 | 3692 | 3695 | 3701 | rBV5 | 577    | 585     | 0.01%  | 0.001% |
| 88  | 13.082 | 3738 | 3745 | 3749 | rVB6 | 721    | 962     | 0.02%  | 0.002% |
| 89  | 13.143 | 3760 | 3764 | 3765 | rBV3 | 532    | 299     | 0.01%  | 0.001% |
| 90  | 13.207 | 3781 | 3784 | 3792 | rVB4 | 2077   | 1906    | 0.04%  | 0.004% |
| 91  | 13.435 | 3844 | 3855 | 3889 | rBV  | 685370 | 1103525 | 25.16% | 2.488% |
| 92  | 13.683 | 3923 | 3932 | 3943 | rVB2 | 19613  | 29291   | 0.67%  | 0.066% |
| 93  | 13.985 | 4016 | 4026 | 4036 | rBV2 | 3960   | 8098    | 0.18%  | 0.018% |
| 94  | 14.078 | 4051 | 4055 | 4060 | rBV5 | 1886   | 2239    | 0.05%  | 0.005% |
| 95  | 14.213 | 4095 | 4097 | 4101 | rBV5 | 699    | 498     | 0.01%  | 0.001% |
| 96  | 14.310 | 4125 | 4127 | 4132 | rBV4 | 661    | 385     | 0.01%  | 0.001% |
| 97  | 14.377 | 4146 | 4148 | 4155 | rVB4 | 918    | 750     | 0.02%  | 0.002% |
| 98  | 14.406 | 4155 | 4157 | 4160 | rBV3 | 770    | 419     | 0.01%  | 0.001% |
| 99  | 14.509 | 4187 | 4189 | 4192 | rBV3 | 663    | 369     | 0.01%  | 0.001% |
| 100 | 14.789 | 4271 | 4276 | 4281 | rVB6 | 2295   | 2423    | 0.06%  | 0.005% |

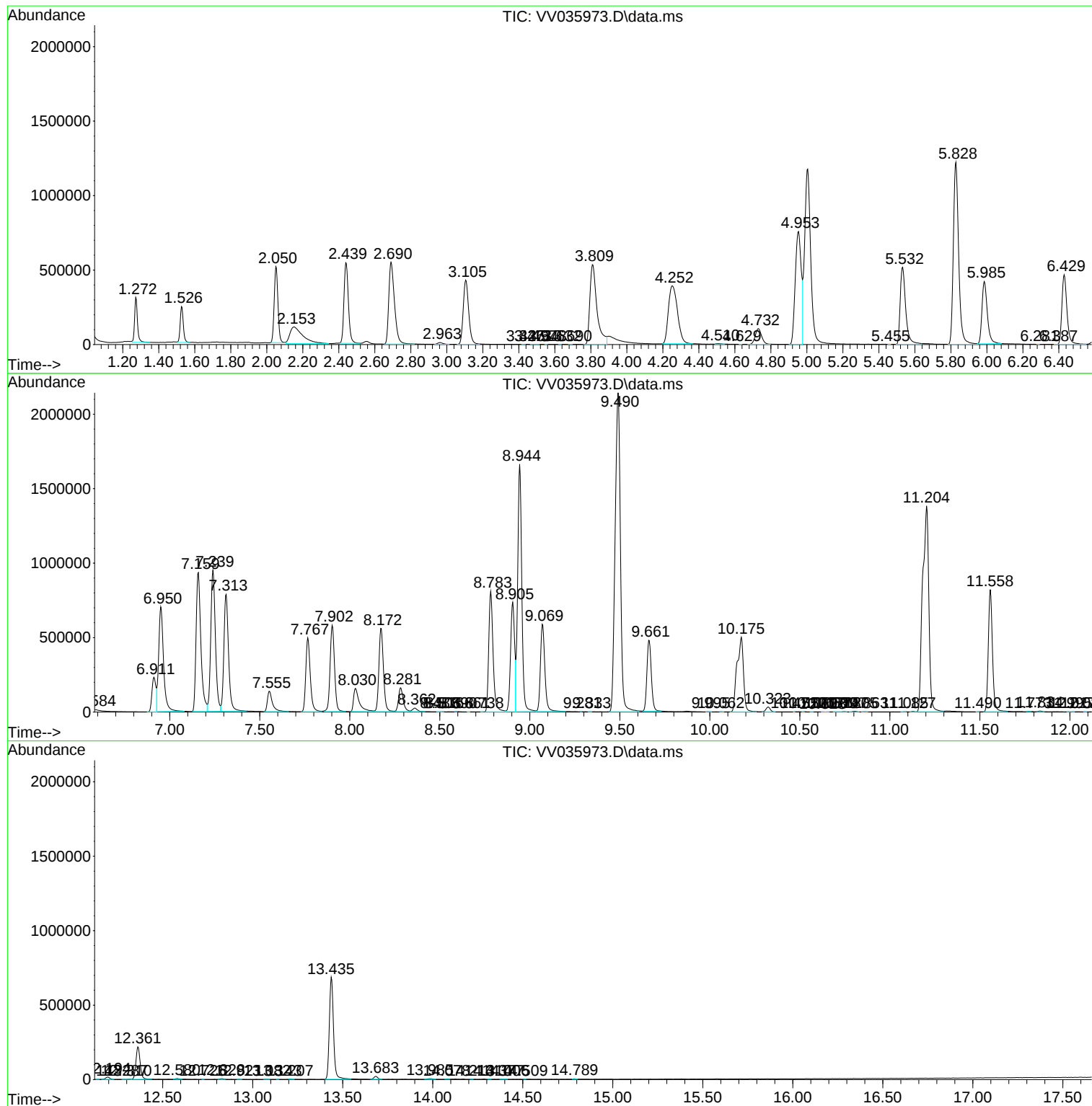
Sum of corrected areas: 44350209

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Instrument :  
MSVOA\_V  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis

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



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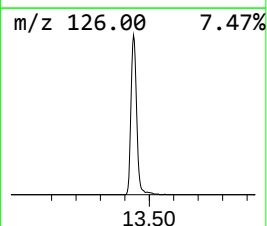
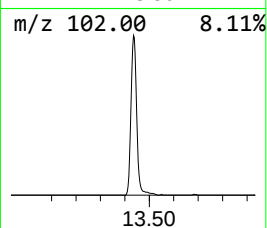
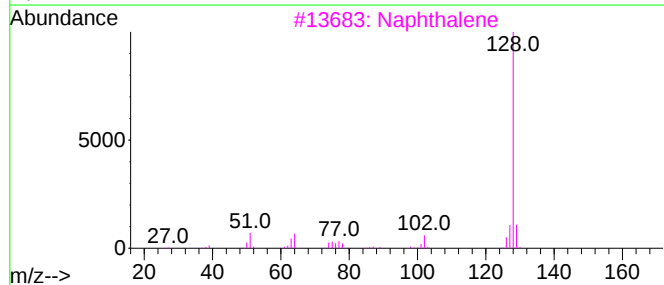
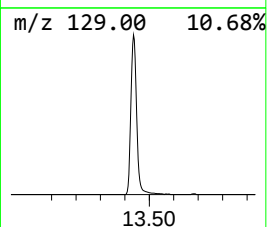
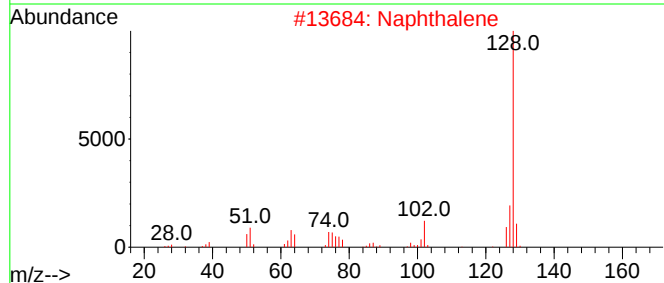
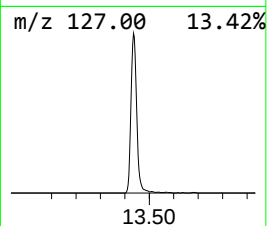
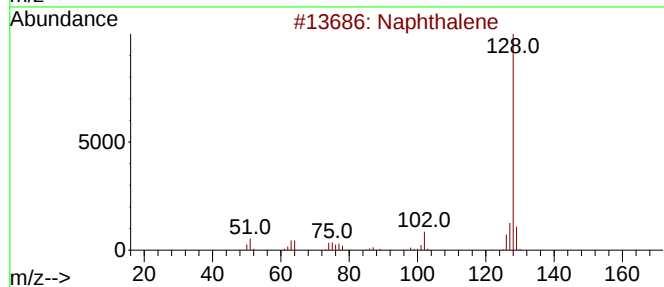
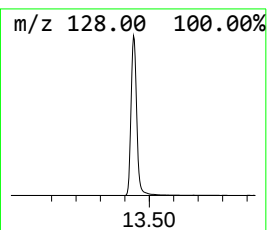
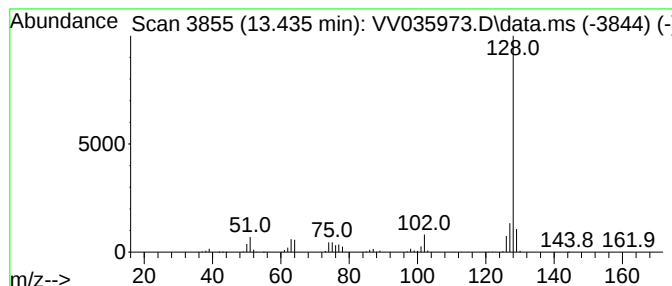
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 Azulene Concentration Rank 1

| R.T.   | EstConc   | Area    | Relative to ISTD       | R.T.   |
|--------|-----------|---------|------------------------|--------|
| 13.435 | 8.32 ug/L | 1103530 | 1,4-Dichlorobenzene-d4 | 11.185 |

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



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Azulene          | 13.435 | 8.3     | ug/L  | 1103530  | 3                     | 11.185 | 3315370 | 25.0 |