

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
 Data File : VV037126.D  
 Acq On : 28 Aug 2024 12:47  
 Operator : SY/MD  
 Sample : P3693-24  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1K87

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\SFAMVLM082624WMA.M  
 Title : VOC Analysis

Signal : TIC: VV037126.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         | 1.089       | 12            | 15          | 23           | rVB2     | 6045           | 6150          | 0.23%           | 0.026%        |
| 2         | 1.175       | 34            | 42          | 53           | rBV2     | 41715          | 81106         | 3.03%           | 0.338%        |
| 3         | 1.278       | 67            | 74          | 94           | rVB      | 446799         | 476757        | 17.83%          | 1.985%        |
| 4         | 1.532       | 145           | 153         | 172          | rVB      | 335273         | 404213        | 15.12%          | 1.683%        |
| 5         | 2.056       | 307           | 316         | 334          | rBV      | 709675         | 1031094       | 38.56%          | 4.294%        |
| 6         | 3.404       | 732           | 735         | 740          | rVB5     | 1604           | 969           | 0.04%           | 0.004%        |
| 7         | 3.445       | 745           | 748         | 753          | rVB8     | 1708           | 1177          | 0.04%           | 0.005%        |
| 8         | 3.613       | 797           | 800         | 801          | rBV3     | 1693           | 935           | 0.03%           | 0.004%        |
| 9         | 3.661       | 812           | 815         | 819          | rVB5     | 2077           | 1630          | 0.06%           | 0.007%        |
| 10        | 3.796       | 848           | 857         | 888          | rBV      | 147742         | 409060        | 15.30%          | 1.703%        |
| 11        | 4.043       | 931           | 934         | 938          | rVB5     | 1411           | 1288          | 0.05%           | 0.005%        |
| 12        | 4.243       | 980           | 996         | 1026         | rBV      | 429621         | 1069682       | 40.01%          | 4.454%        |
| 13        | 4.349       | 1027          | 1029        | 1033         | rVB5     | 1747           | 1180          | 0.04%           | 0.005%        |
| 14        | 4.436       | 1051          | 1056        | 1057         | rBV3     | 1233           | 1001          | 0.04%           | 0.004%        |
| 15        | 4.548       | 1085          | 1091        | 1093         | rBV5     | 1947           | 2022          | 0.08%           | 0.008%        |
| 16        | 4.770       | 1154          | 1160        | 1165         | rBV9     | 1113           | 1353          | 0.05%           | 0.006%        |
| 17        | 4.841       | 1177          | 1182        | 1185         | rVB7     | 1379           | 1195          | 0.04%           | 0.005%        |
| 18        | 4.947       | 1199          | 1215        | 1225         | rBV2     | 1091596        | 2673824       | 100.00%         | 11.134%       |
| 19        | 5.471       | 1370          | 1378        | 1379         | rBV5     | 1171           | 1212          | 0.05%           | 0.005%        |
| 20        | 5.529       | 1384          | 1396        | 1419         | rBV      | 716390         | 1460738       | 54.63%          | 6.083%        |
| 21        | 5.693       | 1444          | 1447        | 1449         | rBV3     | 1682           | 1022          | 0.04%           | 0.004%        |
| 22        | 5.828       | 1485          | 1489        | 1491         | rBV5     | 4888           | 4093          | 0.15%           | 0.017%        |
| 23        | 5.985       | 1525          | 1538        | 1564         | rBV      | 580632         | 1216999       | 45.52%          | 5.068%        |
| 24        | 6.288       | 1628          | 1632        | 1635         | rBV6     | 1002           | 865           | 0.03%           | 0.004%        |
| 25        | 6.352       | 1649          | 1652        | 1654         | rBV4     | 1105           | 877           | 0.03%           | 0.004%        |
| 26        | 6.458       | 1679          | 1685        | 1688         | rBV7     | 1577           | 1549          | 0.06%           | 0.006%        |
| 27        | 6.487       | 1688          | 1694        | 1697         | rVV8     | 1326           | 1520          | 0.06%           | 0.006%        |
| 28        | 6.680       | 1749          | 1754        | 1755         | rBV5     | 1333           | 1168          | 0.04%           | 0.005%        |
| 29        | 6.796       | 1786          | 1790        | 1793         | rBV5     | 1179           | 947           | 0.04%           | 0.004%        |
| 30        | 6.815       | 1794          | 1796        | 1801         | rVB6     | 1506           | 877           | 0.03%           | 0.004%        |
| 31        | 6.854       | 1805          | 1808        | 1810         | rBV4     | 1689           | 1079          | 0.04%           | 0.004%        |
| 32        | 6.908       | 1815          | 1825        | 1851         | rBV      | 305807         | 582781        | 21.80%          | 2.427%        |
| 33        | 7.236       | 1915          | 1927        | 1956         | rBV      | 1250199        | 2183622       | 81.67%          | 9.093%        |
| 34        | 7.455       | 1993          | 1995        | 1999         | rBV4     | 1424           | 1192          | 0.04%           | 0.005%        |
| 35        | 7.548       | 2016          | 2024        | 2046         | rBV      | 198070         | 365170        | 13.66%          | 1.521%        |
| 36        | 7.825       | 2108          | 2110        | 2114         | rBV5     | 1091           | 979           | 0.04%           | 0.004%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
 Data File : VV037126.D  
 Acq On : 28 Aug 2024 12:47  
 Operator : SY/MD  
 Sample : P3693-24  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1K87

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\SFAMVLM082624WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 7.863  | 2117 | 2122 | 2124 | rBV6  | 1584    | 1524    | 0.06%  | 0.006% |
| 38 | 7.902  | 2130 | 2134 | 2137 | rBV6  | 1545    | 1573    | 0.06%  | 0.007% |
| 39 | 8.024  | 2163 | 2172 | 2209 | rBV   | 456753  | 912500  | 34.13% | 3.800% |
| 40 | 8.355  | 2273 | 2275 | 2279 | rBV5  | 1439    | 1093    | 0.04%  | 0.005% |
| 41 | 8.513  | 2318 | 2324 | 2330 | rBV8  | 1883    | 2470    | 0.09%  | 0.010% |
| 42 | 8.564  | 2337 | 2340 | 2344 | rBV6  | 1068    | 1057    | 0.04%  | 0.004% |
| 43 | 8.673  | 2372 | 2374 | 2378 | rBV6  | 1435    | 1028    | 0.04%  | 0.004% |
| 44 | 8.780  | 2395 | 2407 | 2430 | rBV   | 1123865 | 1810005 | 67.69% | 7.537% |
| 45 | 9.075  | 2490 | 2499 | 2518 | rBV   | 98303   | 164708  | 6.16%  | 0.686% |
| 46 | 9.323  | 2573 | 2576 | 2580 | rVB5  | 1420    | 832     | 0.03%  | 0.003% |
| 47 | 9.407  | 2598 | 2602 | 2605 | rBV5  | 1815    | 1321    | 0.05%  | 0.006% |
| 48 | 9.432  | 2605 | 2610 | 2614 | rBV7  | 3303    | 3565    | 0.13%  | 0.015% |
| 49 | 9.477  | 2614 | 2624 | 2641 | rVV   | 30865   | 56808   | 2.12%  | 0.237% |
| 50 | 9.567  | 2647 | 2652 | 2655 | rBV6  | 1213    | 965     | 0.04%  | 0.004% |
| 51 | 9.683  | 2685 | 2688 | 2691 | rBV4  | 2065    | 1108    | 0.04%  | 0.005% |
| 52 | 9.715  | 2691 | 2698 | 2706 | rBV4  | 3715    | 5818    | 0.22%  | 0.024% |
| 53 | 9.802  | 2718 | 2725 | 2726 | rBV6  | 1135    | 1156    | 0.04%  | 0.005% |
| 54 | 9.863  | 2735 | 2744 | 2755 | rBV   | 63324   | 103318  | 3.86%  | 0.430% |
| 55 | 10.146 | 2820 | 2832 | 2849 | rBV   | 722950  | 1122226 | 41.97% | 4.673% |
| 56 | 10.291 | 2871 | 2877 | 2886 | rBV5  | 3117    | 4960    | 0.19%  | 0.021% |
| 57 | 10.374 | 2899 | 2903 | 2904 | rBV4  | 1267    | 958     | 0.04%  | 0.004% |
| 58 | 10.477 | 2928 | 2935 | 2942 | rVB10 | 3513    | 4801    | 0.18%  | 0.020% |
| 59 | 10.580 | 2963 | 2967 | 2968 | rBV4  | 2510    | 1582    | 0.06%  | 0.007% |
| 60 | 10.593 | 2968 | 2971 | 2982 | rVB4  | 3184    | 4281    | 0.16%  | 0.018% |
| 61 | 10.673 | 2986 | 2996 | 3020 | rVB   | 49012   | 96764   | 3.62%  | 0.403% |
| 62 | 10.776 | 3023 | 3028 | 3029 | rBV5  | 2055    | 1566    | 0.06%  | 0.007% |
| 63 | 10.850 | 3040 | 3051 | 3065 | rVV2  | 47881   | 81236   | 3.04%  | 0.338% |
| 64 | 10.931 | 3072 | 3076 | 3080 | rVB7  | 2592    | 2341    | 0.09%  | 0.010% |
| 65 | 11.133 | 3132 | 3139 | 3141 | rBV6  | 3281    | 3585    | 0.13%  | 0.015% |
| 66 | 11.178 | 3142 | 3153 | 3173 | rVV   | 1141120 | 1796500 | 67.19% | 7.481% |
| 67 | 11.271 | 3175 | 3182 | 3198 | rVB   | 46383   | 79403   | 2.97%  | 0.331% |
| 68 | 11.458 | 3229 | 3240 | 3257 | rBV   | 747347  | 1136476 | 42.50% | 4.732% |
| 69 | 11.554 | 3259 | 3270 | 3296 | rVB   | 1225155 | 1941386 | 72.61% | 8.084% |
| 70 | 11.683 | 3301 | 3310 | 3321 | rVV   | 54888   | 89216   | 3.34%  | 0.371% |
| 71 | 11.950 | 3389 | 3393 | 3395 | rBV4  | 1910    | 1548    | 0.06%  | 0.006% |
| 72 | 12.049 | 3415 | 3424 | 3432 | rBV6  | 9666    | 16410   | 0.61%  | 0.068% |
| 73 | 12.133 | 3446 | 3450 | 3454 | rVB6  | 1577    | 1342    | 0.05%  | 0.006% |
| 74 | 12.188 | 3461 | 3467 | 3477 | rBV10 | 6155    | 9922    | 0.37%  | 0.041% |
| 75 | 12.230 | 3477 | 3480 | 3485 | rBV7  | 2000    | 1488    | 0.06%  | 0.006% |
| 76 | 12.294 | 3485 | 3500 | 3513 | rBV   | 399617  | 640314  | 23.95% | 2.666% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
 Data File : VV037126.D  
 Acq On : 28 Aug 2024 12:47  
 Operator : SY/MD  
 Sample : P3693-24  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E1K87

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\SFAMVLM082624WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 12.394 | 3522 | 3531 | 3542 | rBV  | 228379 | 480354 | 17.97% | 2.000% |
| 78  | 12.660 | 3609 | 3614 | 3622 | rVB6 | 5558   | 8079   | 0.30%  | 0.034% |
| 79  | 12.818 | 3654 | 3663 | 3672 | rBV3 | 17247  | 27441  | 1.03%  | 0.114% |
| 80  | 12.882 | 3675 | 3683 | 3695 | rVV2 | 34522  | 56626  | 2.12%  | 0.236% |
| 81  | 12.988 | 3706 | 3716 | 3736 | rBV3 | 84539  | 155938 | 5.83%  | 0.649% |
| 82  | 13.207 | 3776 | 3784 | 3793 | rVB5 | 10952  | 18436  | 0.69%  | 0.077% |
| 83  | 13.358 | 3827 | 3831 | 3832 | rBV4 | 1766   | 1184   | 0.04%  | 0.005% |
| 84  | 13.435 | 3843 | 3855 | 3877 | rBV  | 449578 | 813602 | 30.43% | 3.388% |
| 85  | 13.554 | 3883 | 3892 | 3903 | rBV  | 133268 | 213636 | 7.99%  | 0.890% |
| 86  | 13.750 | 3948 | 3953 | 3954 | rBV3 | 3778   | 2966   | 0.11%  | 0.012% |
| 87  | 13.818 | 3971 | 3974 | 3976 | rBV4 | 1584   | 1052   | 0.04%  | 0.004% |
| 88  | 13.905 | 3998 | 4001 | 4007 | rBV6 | 3918   | 5379   | 0.20%  | 0.022% |
| 89  | 14.159 | 4071 | 4080 | 4086 | rBV9 | 8723   | 14030  | 0.52%  | 0.058% |
| 90  | 14.364 | 4142 | 4144 | 4147 | rVB4 | 1883   | 1149   | 0.04%  | 0.005% |
| 91  | 14.422 | 4158 | 4162 | 4163 | rBV3 | 3300   | 2267   | 0.08%  | 0.009% |
| 92  | 14.516 | 4182 | 4191 | 4201 | rBV4 | 15548  | 28797  | 1.08%  | 0.120% |
| 93  | 14.766 | 4257 | 4269 | 4276 | rBV7 | 13239  | 28126  | 1.05%  | 0.117% |
| 94  | 14.808 | 4280 | 4282 | 4286 | rVB5 | 2106   | 1283   | 0.05%  | 0.005% |
| 95  | 15.043 | 4353 | 4355 | 4358 | rBV4 | 1343   | 884    | 0.03%  | 0.004% |
| 96  | 15.191 | 4399 | 4401 | 4409 | rVB8 | 1471   | 1355   | 0.05%  | 0.006% |
| 97  | 15.249 | 4415 | 4419 | 4420 | rBV3 | 1589   | 987    | 0.04%  | 0.004% |
| 98  | 15.297 | 4432 | 4434 | 4438 | rBV4 | 1360   | 938    | 0.04%  | 0.004% |
| 99  | 16.419 | 4777 | 4783 | 4798 | rVB2 | 29666  | 49241  | 1.84%  | 0.205% |
| 100 | 16.535 | 4817 | 4819 | 4821 | rBV2 | 2909   | 875    | 0.03%  | 0.004% |

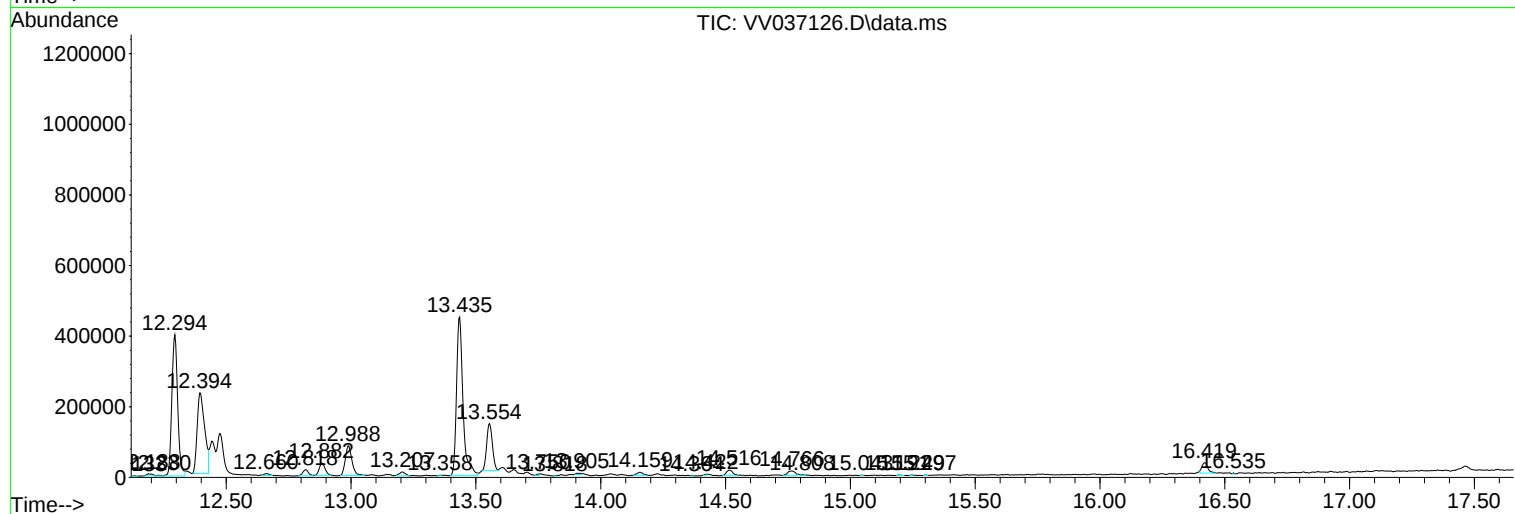
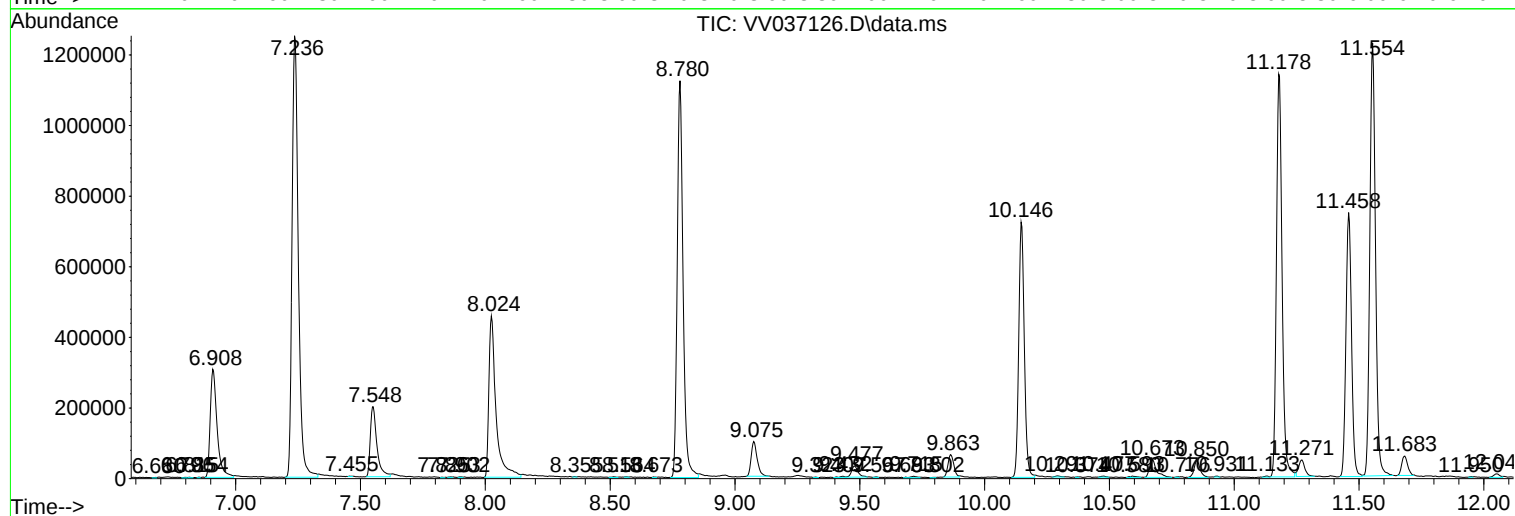
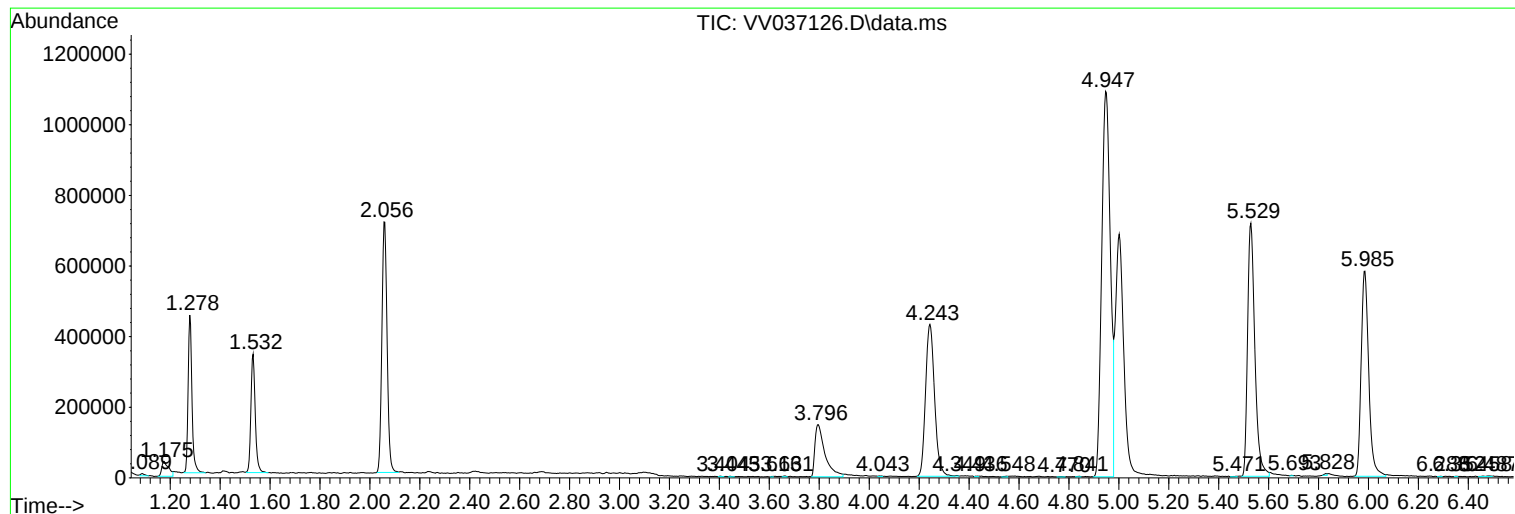
Sum of corrected areas: 24015105

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

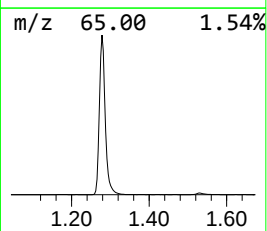
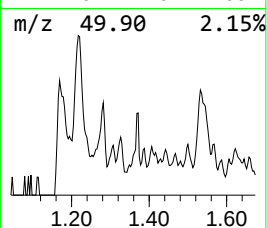
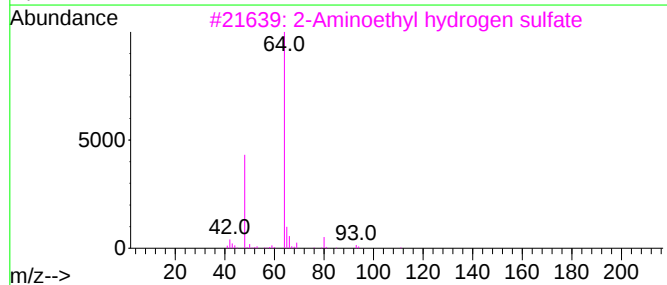
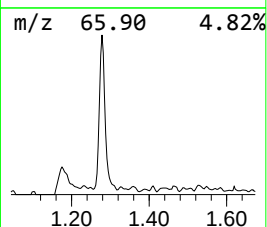
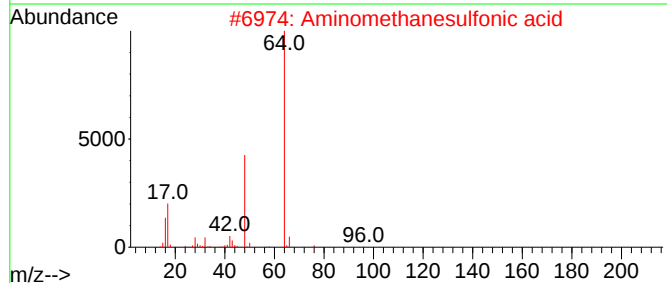
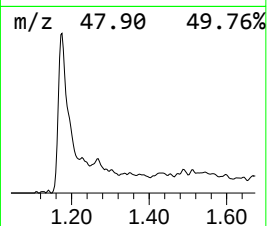
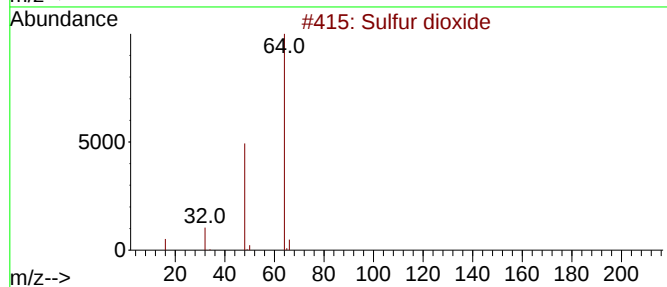
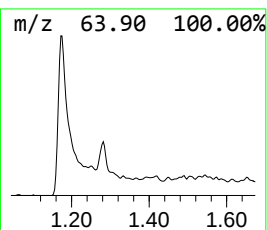
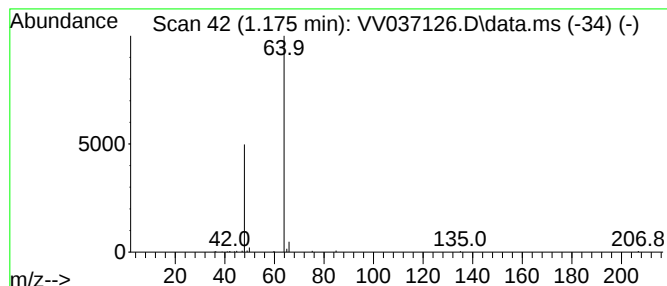
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 Sulfur dioxide Concentration Rank 8

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.175 | 2.78 ug/L | 81106 | 1,4-Difluorobenzene | 5.529 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Sulfur dioxide                      | 64  | O2S       | 007446-09-5 | 83   |
| 2    |    |   | Aminomethanesulfonic acid           | 111 | CH5NO3S   | 013881-91-9 | 74   |
| 3    |    |   | 2-Aminoethyl hydrogen sulfate       | 141 | C2H7NO4S  | 000926-39-6 | 74   |
| 4    |    |   | 4,6-Diamino-5-pyrimidinyl hydrog... | 206 | C4H6N4O4S | 071525-41-2 | 9    |
| 5    |    |   | Aminomethanesulfonic acid           | 111 | CH5NO3S   | 013881-91-9 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

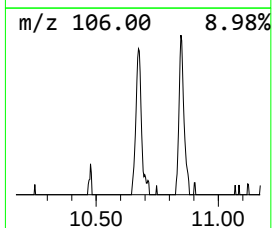
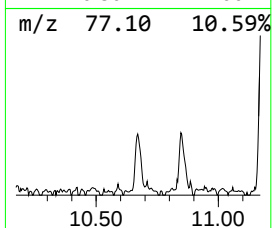
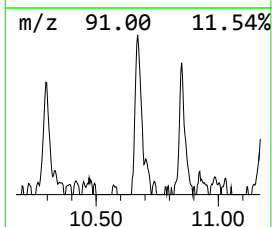
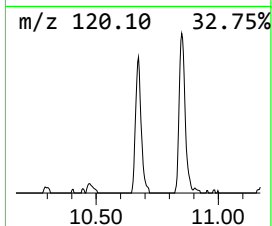
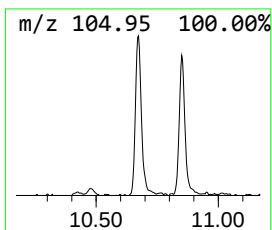
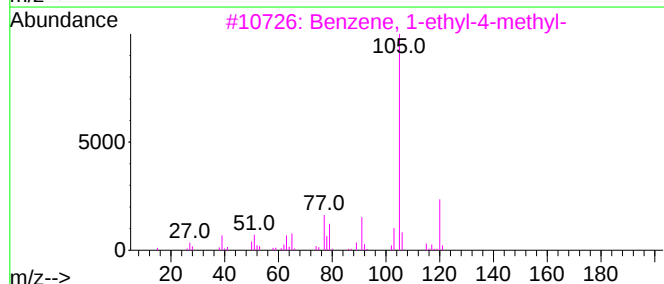
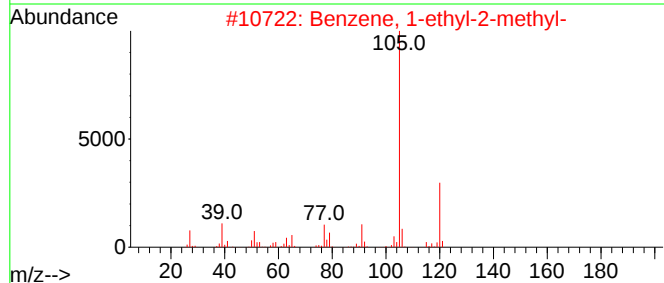
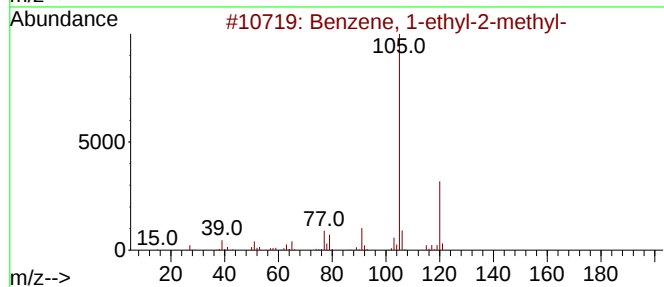
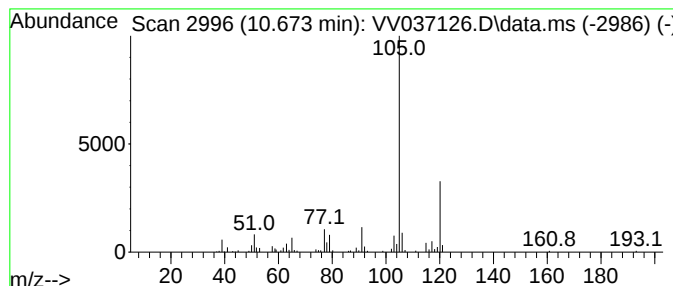
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.673 | 2.69 ug/L | 96764 | 1,4-Dichlorobenzene-d4 | 11.181 |

| 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-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

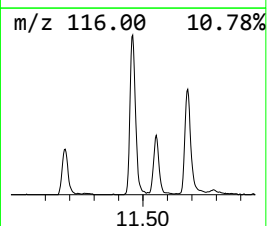
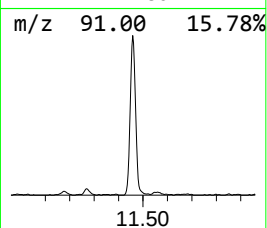
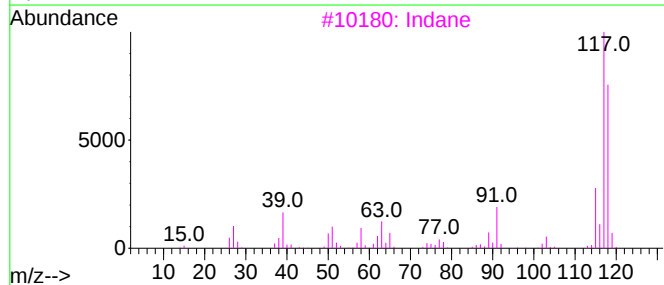
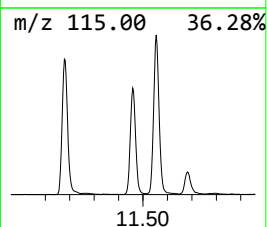
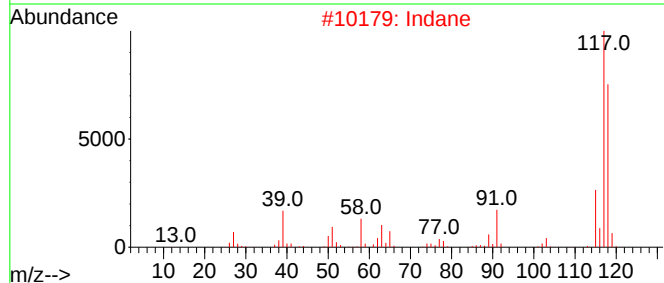
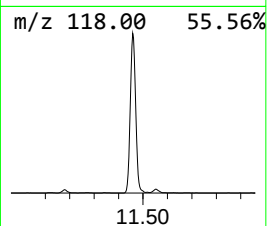
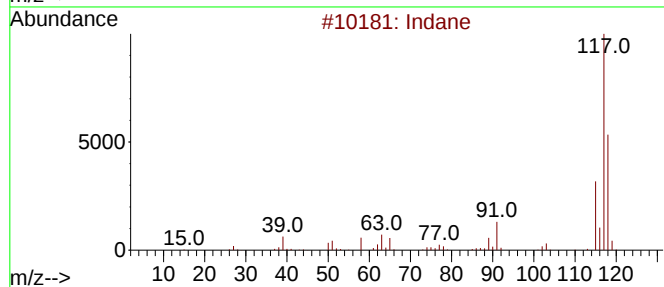
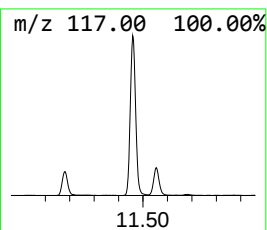
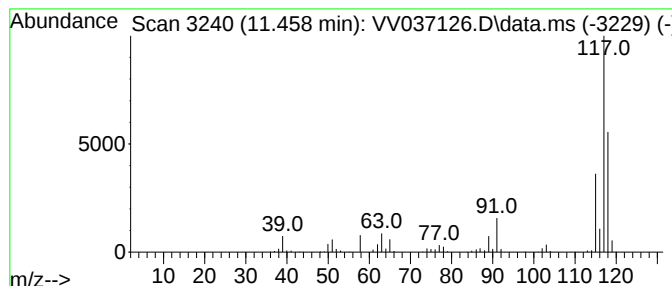
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 Indane Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 11.458 | 31.63 ug/L | 1136480 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of                           | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 95   |
| 2    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 91   |
| 3    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 90   |
| 4    | Benzene, 1-ethenyl-4-methyl- |   |              | 118 | C9H10   | 000622-97-9 | 74   |
| 5    | Deltacyclene                 |   |              | 118 | C9H10   | 007785-10-6 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

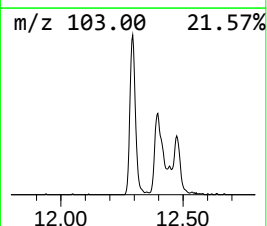
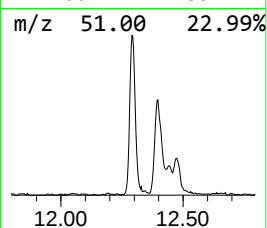
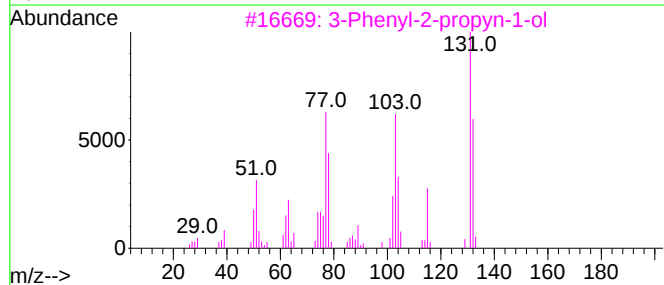
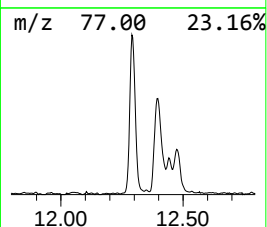
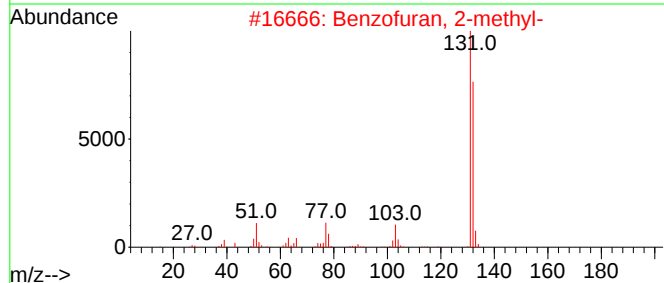
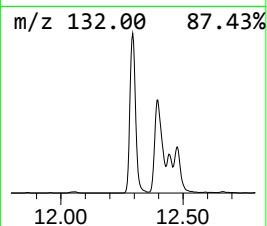
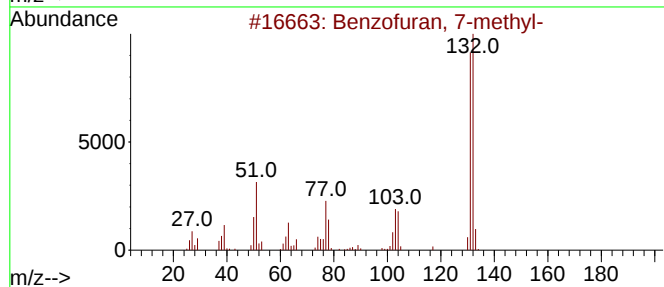
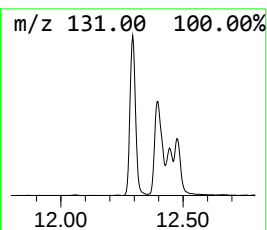
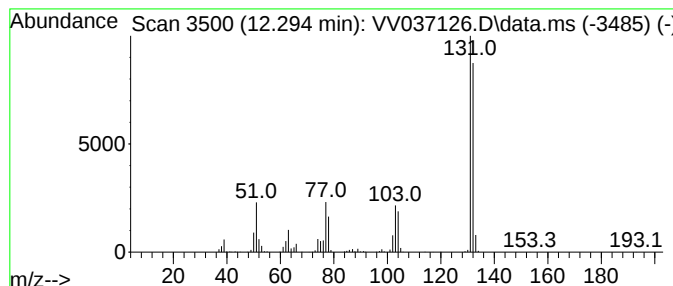
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.294 | 17.82 ug/L | 640314 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran, 7-methyl-  | 132 | C9H8O   | 017059-52-8 | 94   |
| 2    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 91   |
| 3    |    |   | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O   | 001504-58-1 | 91   |
| 4    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 91   |
| 5    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

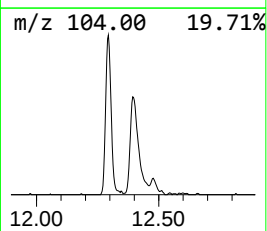
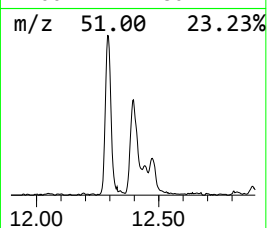
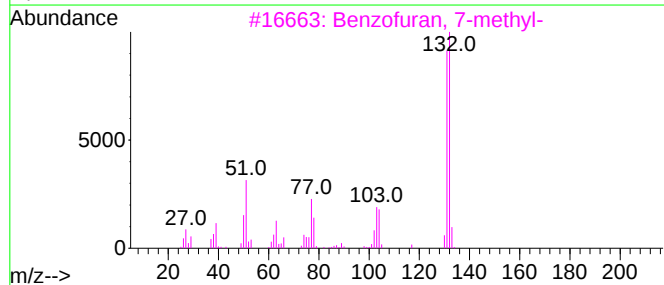
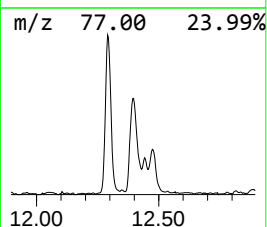
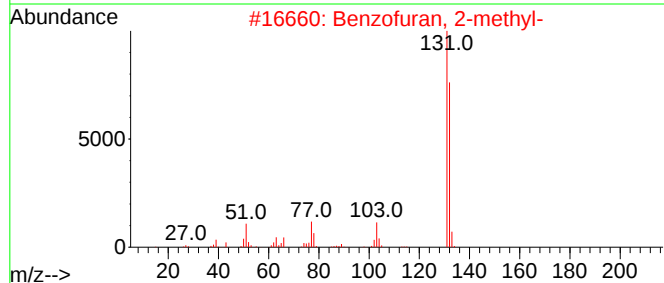
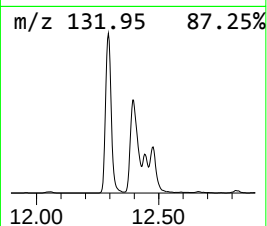
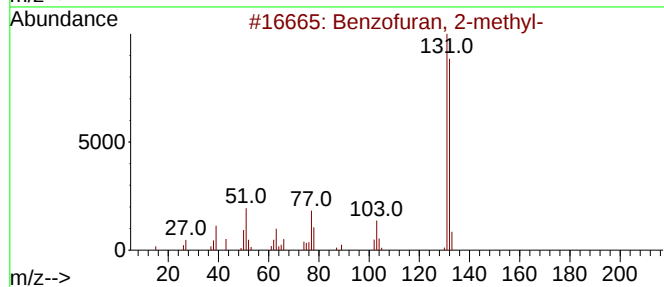
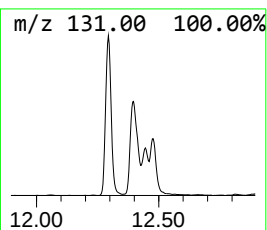
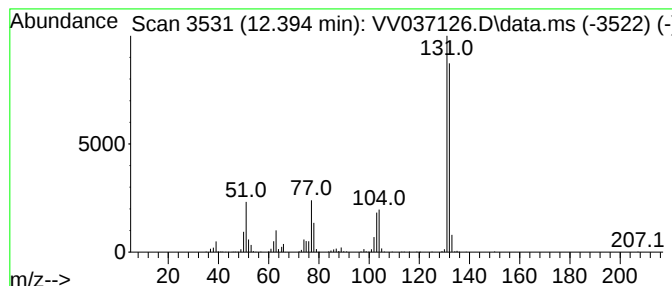
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.394 | 13.37 ug/L | 480354 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 94   |
| 2    |    |   | Benzofuran, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 94   |
| 3    |    |   | Benzofuran, 7-methyl- | 132 | C9H8O   | 017059-52-8 | 94   |
| 4    |    |   | Benzofuran, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 94   |
| 5    |    |   | 2-Propenal, 3-phenyl- | 132 | C9H8O   | 000104-55-2 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

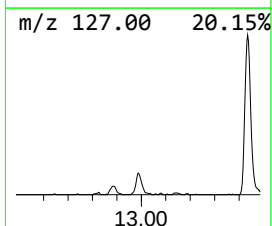
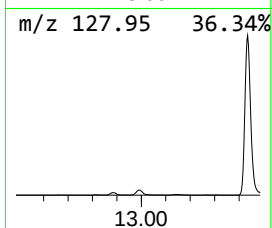
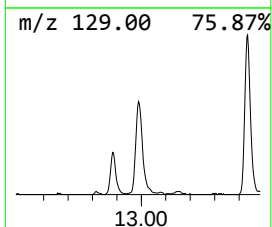
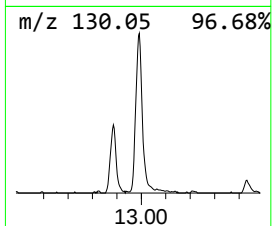
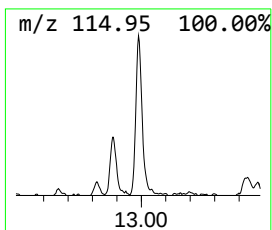
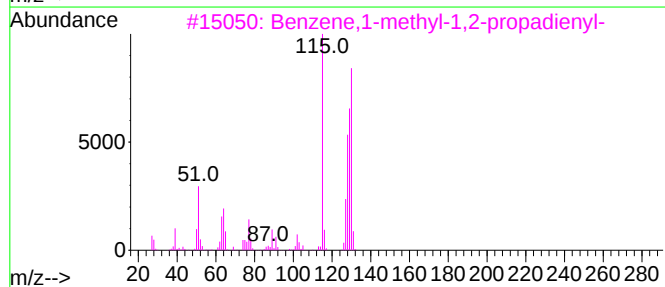
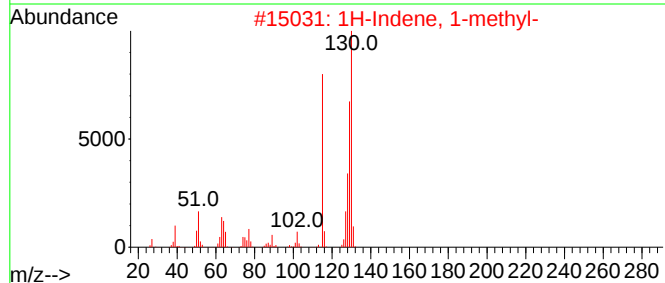
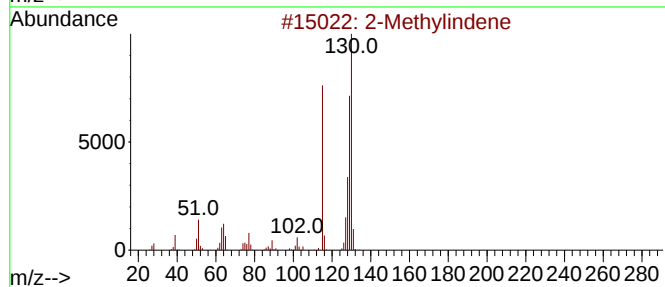
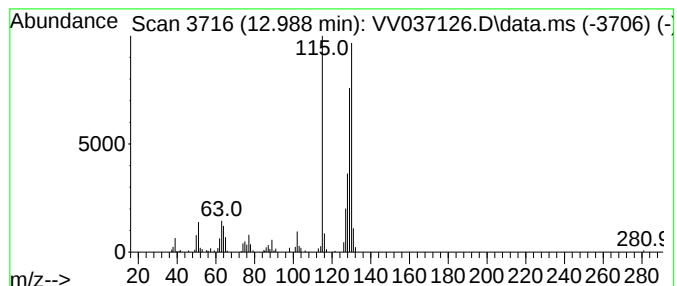
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 7 2-Methylindene Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.988 | 4.34 ug/L | 155938 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Methylindene                      | 130 | C10H10  | 002177-47-1 | 97   |
| 2    |    |   | 1H-Indene, 1-methyl-                | 130 | C10H10  | 000767-59-9 | 96   |
| 3    |    |   | Benzene,1-methyl-1,2-propadienyl-   | 130 | C10H10  | 022433-39-2 | 96   |
| 4    |    |   | 1H-Indene, 3-methyl-                | 130 | C10H10  | 000767-60-2 | 95   |
| 5    |    |   | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10  | 065051-83-4 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

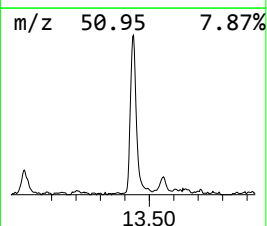
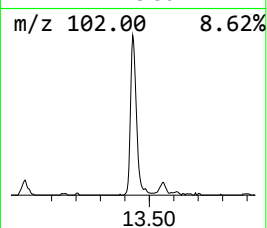
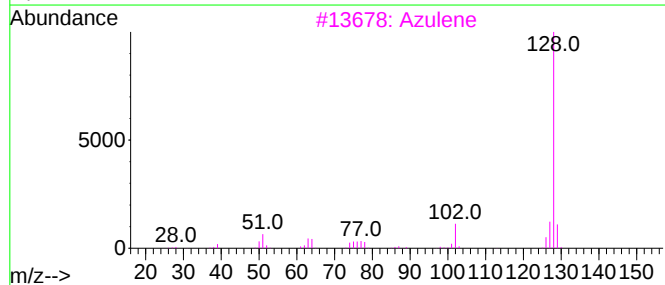
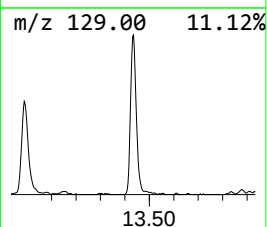
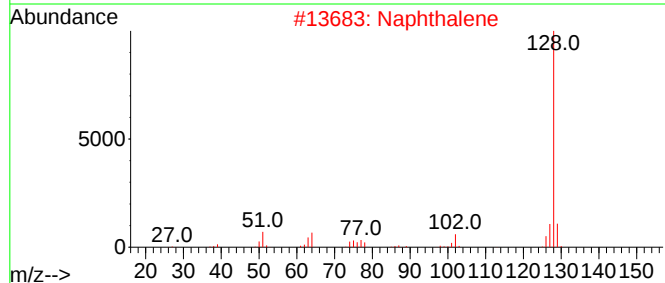
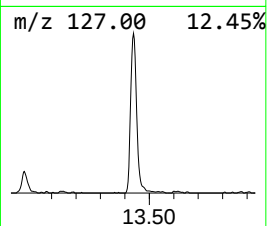
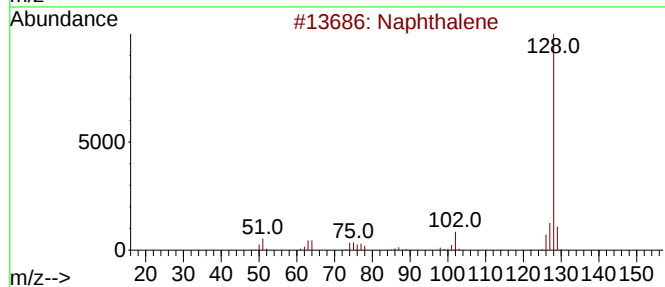
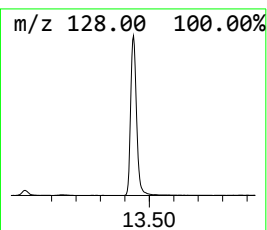
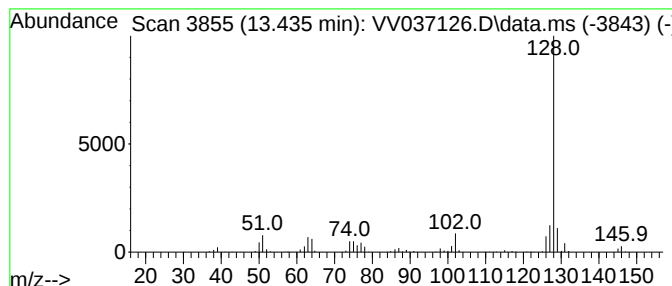
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 8 Azulene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.435 | 22.64 ug/L | 813602 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 94   |
| 2    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 93   |
| 3    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 90   |
| 4    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 90   |
| 5    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

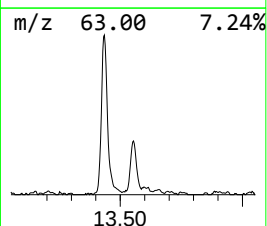
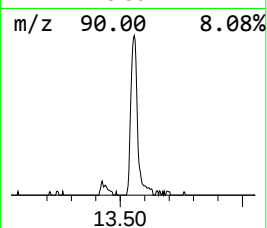
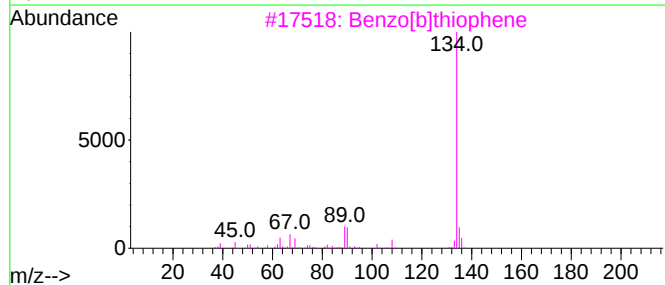
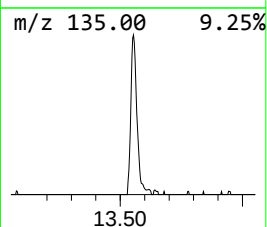
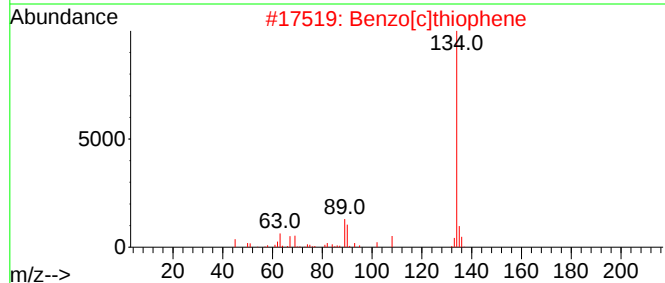
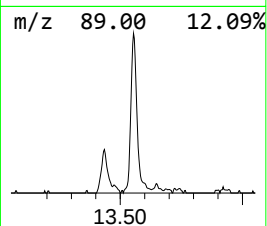
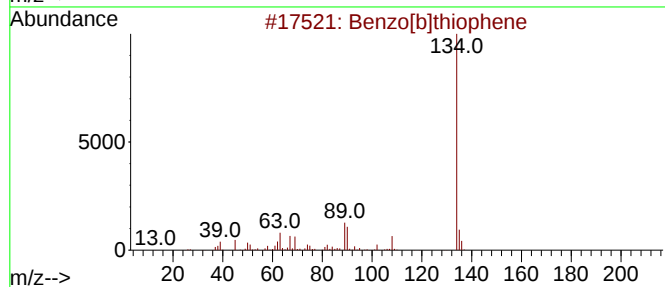
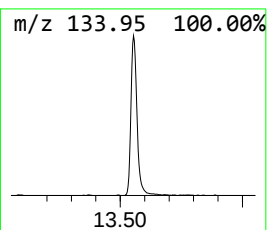
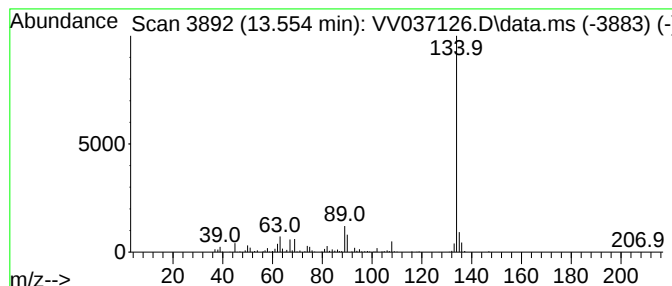
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 9 Benzo[b]thiophene Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.554 | 5.95 ug/L | 213636 | 1,4-Dichlorobenzene-d4 | 11.181 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 97   |
| 2    |    |   | Benzo[c]thiophene      | 134 | C8H6S   | 000270-82-6 | 97   |
| 3    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 94   |
| 4    |    |   | Cyclopenta[c]thiapyran | 134 | C8H6S   | 000270-63-3 | 94   |
| 5    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082824\  
Data File : VV037126.D  
Acq On : 28 Aug 2024 12:47  
Operator : SY/MD  
Sample : P3693-24  
Misc : 5.00mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E1K87

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Sulfur dioxide     | 1.175  | 2.8     | ug/L  | 81106    | 1                     | 5.529  | 1460740 | 50.0 |
| Benzene, 1-ethy... | 10.673 | 2.7     | ug/L  | 96764    | 3                     | 11.181 | 1796500 | 50.0 |
| Indane             | 11.458 | 31.6    | ug/L  | 1136480  | 3                     | 11.181 | 1796500 | 50.0 |
| Benzofuran, 7-m... | 12.294 | 17.8    | ug/L  | 640314   | 3                     | 11.181 | 1796500 | 50.0 |
| Benzofuran, 2-m... | 12.394 | 13.4    | ug/L  | 480354   | 3                     | 11.181 | 1796500 | 50.0 |
| 2-Methylindene     | 12.988 | 4.3     | ug/L  | 155938   | 3                     | 11.181 | 1796500 | 50.0 |
| Azulene            | 13.435 | 22.6    | ug/L  | 813602   | 3                     | 11.181 | 1796500 | 50.0 |
| Benzo[b]thiophene  | 13.554 | 6.0     | ug/L  | 213636   | 3                     | 11.181 | 1796500 | 50.0 |