

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
 Data File : VV026899.D  
 Acq On : 22 Jul 2022 20:04  
 Operator : SY/MD  
 Sample : N3843-16  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBUP4

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\SFAMVLM072222WMA.M  
 Title : VOC Analysis

Signal : TIC: VV026899.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         | 1.201       | 46            | 50          | 58           | rBV4     | 8426           | 9338          | 0.08%           | 0.029%        |
| 2         | 1.301       | 74            | 81          | 100          | rVB      | 309376         | 328674        | 2.88%           | 1.019%        |
| 3         | 1.561       | 155           | 162         | 180          | rVB      | 268481         | 304853        | 2.67%           | 0.945%        |
| 4         | 2.101       | 320           | 330         | 345          | rBV      | 538853         | 762089        | 6.68%           | 2.362%        |
| 5         | 2.371       | 412           | 414         | 420          | rBV4     | 662            | 557           | 0.00%           | 0.002%        |
| 6         | 2.416       | 424           | 428         | 433          | rBV5     | 595            | 715           | 0.01%           | 0.002%        |
| 7         | 2.500       | 448           | 454         | 463          | rVB6     | 2450           | 4002          | 0.04%           | 0.012%        |
| 8         | 2.571       | 473           | 476         | 479          | rVB3     | 583            | 383           | 0.00%           | 0.001%        |
| 9         | 2.664       | 502           | 505         | 510          | rBV3     | 417            | 403           | 0.00%           | 0.001%        |
| 10        | 2.767       | 526           | 537         | 552          | rVV2     | 10738          | 23250         | 0.20%           | 0.072%        |
| 11        | 2.957       | 585           | 596         | 604          | rBV4     | 1663           | 3477          | 0.03%           | 0.011%        |
| 12        | 3.027       | 615           | 618         | 624          | rBV3     | 443            | 456           | 0.00%           | 0.001%        |
| 13        | 3.683       | 815           | 822         | 824          | rBV      | 359            | 383           | 0.00%           | 0.001%        |
| 14        | 3.879       | 873           | 883         | 931          | rBV      | 186346         | 564046        | 4.95%           | 1.748%        |
| 15        | 4.342       | 1010          | 1027        | 1052         | rBV      | 390951         | 967235        | 8.48%           | 2.997%        |
| 16        | 4.889       | 1192          | 1197        | 1201         | rBV3     | 598            | 490           | 0.00%           | 0.002%        |
| 17        | 5.043       | 1226          | 1245        | 1289         | rBV2     | 909050         | 2369413       | 20.78%          | 7.342%        |
| 18        | 5.320       | 1328          | 1331        | 1334         | rBV3     | 721            | 426           | 0.00%           | 0.001%        |
| 19        | 5.352       | 1339          | 1341        | 1347         | rVB3     | 559            | 420           | 0.00%           | 0.001%        |
| 20        | 5.613       | 1410          | 1422        | 1456         | rBV      | 583752         | 1218385       | 10.69%          | 3.776%        |
| 21        | 5.844       | 1491          | 1494        | 1498         | rBV4     | 656            | 541           | 0.00%           | 0.002%        |
| 22        | 5.908       | 1503          | 1514        | 1532         | rVB3     | 9678           | 21925         | 0.19%           | 0.068%        |
| 23        | 6.066       | 1549          | 1563        | 1596         | rBV      | 531194         | 1103702       | 9.68%           | 3.420%        |
| 24        | 6.313       | 1637          | 1640        | 1645         | rVB2     | 1064           | 717           | 0.01%           | 0.002%        |
| 25        | 6.632       | 1735          | 1739        | 1741         | rBV3     | 776            | 540           | 0.00%           | 0.002%        |
| 26        | 6.648       | 1741          | 1744        | 1745         | rBV2     | 751            | 483           | 0.00%           | 0.001%        |
| 27        | 6.985       | 1837          | 1849        | 1880         | rBV      | 234676         | 437355        | 3.84%           | 1.355%        |
| 28        | 7.313       | 1938          | 1951        | 1991         | rBV      | 973103         | 1732252       | 15.19%          | 5.368%        |
| 29        | 7.619       | 2035          | 2046        | 2065         | rBV      | 166179         | 295262        | 2.59%           | 0.915%        |
| 30        | 7.773       | 2092          | 2094        | 2097         | rVB3     | 719            | 420           | 0.00%           | 0.001%        |
| 31        | 7.937       | 2137          | 2145        | 2154         | rBV6     | 2606           | 4739          | 0.04%           | 0.015%        |
| 32        | 7.985       | 2156          | 2160        | 2166         | rVB4     | 1697           | 1776          | 0.02%           | 0.006%        |
| 33        | 8.088       | 2181          | 2192        | 2226         | rBV      | 666760         | 1243189       | 10.90%          | 3.852%        |
| 34        | 8.471       | 2307          | 2311        | 2318         | rVB5     | 652            | 740           | 0.01%           | 0.002%        |
| 35        | 8.773       | 2399          | 2405        | 2408         | rBV2     | 595            | 624           | 0.01%           | 0.002%        |
| 36        | 8.850       | 2417          | 2429        | 2466         | rBV      | 964332         | 1566122       | 13.74%          | 4.853%        |

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 ClientSampleId :  
 DBUP4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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\SFAMVLM072222WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 9.146  | 2513 | 2521 | 2534 | rVV2 | 6236    | 11290   | 0.10%  | 0.035% |
| 38 | 9.284  | 2560 | 2564 | 2569 | rVB4 | 530     | 418     | 0.00%  | 0.001% |
| 39 | 9.345  | 2578 | 2583 | 2585 | rBV3 | 480     | 487     | 0.00%  | 0.002% |
| 40 | 9.468  | 2616 | 2621 | 2626 | rVV3 | 384     | 518     | 0.00%  | 0.002% |
| 41 | 9.551  | 2637 | 2647 | 2656 | rVV4 | 5169    | 8296    | 0.07%  | 0.026% |
| 42 | 9.590  | 2656 | 2659 | 2664 | rVV2 | 634     | 463     | 0.00%  | 0.001% |
| 43 | 9.638  | 2668 | 2674 | 2678 | rVB2 | 372     | 405     | 0.00%  | 0.001% |
| 44 | 9.712  | 2694 | 2697 | 2708 | rBV3 | 444     | 831     | 0.01%  | 0.003% |
| 45 | 9.937  | 2759 | 2767 | 2775 | rBV6 | 1722    | 2334    | 0.02%  | 0.007% |
| 46 | 10.214 | 2839 | 2853 | 2878 | rBV  | 827628  | 1299730 | 11.40% | 4.028% |
| 47 | 10.378 | 2899 | 2904 | 2905 | rBV4 | 1491    | 1139    | 0.01%  | 0.004% |
| 48 | 10.452 | 2923 | 2927 | 2935 | rBV7 | 1219    | 1456    | 0.01%  | 0.005% |
| 49 | 10.542 | 2951 | 2955 | 2957 | rVV4 | 673     | 588     | 0.01%  | 0.002% |
| 50 | 10.741 | 3008 | 3017 | 3026 | rBV2 | 4074    | 5838    | 0.05%  | 0.018% |
| 51 | 10.918 | 3061 | 3072 | 3088 | rVB  | 26259   | 40576   | 0.36%  | 0.126% |
| 52 | 11.178 | 3144 | 3153 | 3163 | rBV  | 5489    | 8912    | 0.08%  | 0.028% |
| 53 | 11.246 | 3163 | 3174 | 3195 | rVV  | 899424  | 1405023 | 12.32% | 4.354% |
| 54 | 11.336 | 3195 | 3202 | 3214 | rVB  | 18675   | 30526   | 0.27%  | 0.095% |
| 55 | 11.497 | 3247 | 3252 | 3253 | rBV2 | 632     | 529     | 0.00%  | 0.002% |
| 56 | 11.532 | 3253 | 3263 | 3278 | rVV4 | 24457   | 44151   | 0.39%  | 0.137% |
| 57 | 11.622 | 3279 | 3291 | 3312 | rBV  | 1014915 | 1599652 | 14.03% | 4.957% |
| 58 | 11.744 | 3320 | 3329 | 3348 | rVB  | 67103   | 108944  | 0.96%  | 0.338% |
| 59 | 11.915 | 3376 | 3382 | 3384 | rBV5 | 2156    | 2351    | 0.02%  | 0.007% |
| 60 | 12.017 | 3405 | 3414 | 3421 | rBV  | 12057   | 17454   | 0.15%  | 0.054% |
| 61 | 12.114 | 3435 | 3444 | 3456 | rBV  | 27507   | 44374   | 0.39%  | 0.138% |
| 62 | 12.252 | 3480 | 3487 | 3494 | rBV6 | 1185    | 1993    | 0.02%  | 0.006% |
| 63 | 12.316 | 3500 | 3507 | 3513 | rVB3 | 3369    | 4558    | 0.04%  | 0.014% |
| 64 | 12.361 | 3513 | 3521 | 3530 | rBV2 | 15371   | 23412   | 0.21%  | 0.073% |
| 65 | 12.413 | 3531 | 3537 | 3543 | rVB  | 9093    | 11702   | 0.10%  | 0.036% |
| 66 | 12.468 | 3544 | 3554 | 3568 | rBV2 | 45023   | 80298   | 0.70%  | 0.249% |
| 67 | 12.545 | 3573 | 3578 | 3594 | rVB8 | 4702    | 7632    | 0.07%  | 0.024% |
| 68 | 12.686 | 3619 | 3622 | 3625 | rBV2 | 804     | 462     | 0.00%  | 0.001% |
| 69 | 12.725 | 3625 | 3634 | 3642 | rBV4 | 7540    | 10903   | 0.10%  | 0.034% |
| 70 | 12.831 | 3662 | 3667 | 3669 | rBV2 | 394     | 404     | 0.00%  | 0.001% |
| 71 | 12.882 | 3670 | 3683 | 3695 | rVV2 | 68498   | 108403  | 0.95%  | 0.336% |
| 72 | 12.950 | 3701 | 3704 | 3714 | rVB8 | 3913    | 4671    | 0.04%  | 0.014% |
| 73 | 13.001 | 3714 | 3720 | 3723 | rBV5 | 1393    | 1533    | 0.01%  | 0.005% |
| 74 | 13.046 | 3724 | 3734 | 3749 | rVV4 | 60170   | 106089  | 0.93%  | 0.329% |
| 75 | 13.172 | 3760 | 3773 | 3776 | rBV8 | 1764    | 3216    | 0.03%  | 0.010% |
| 76 | 13.217 | 3777 | 3787 | 3796 | rBV2 | 9815    | 15061   | 0.13%  | 0.047% |

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 DBUP4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\SFAMVLM072222WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |       |         |          |         |         |
|-----|--------|------|------|------|-------|---------|----------|---------|---------|
| 77  | 13.268 | 3796 | 3803 | 3809 | rBV7  | 9201    | 13251    | 0.12%   | 0.041%  |
| 78  | 13.368 | 3828 | 3834 | 3841 | rVB2  | 8192    | 9543     | 0.08%   | 0.030%  |
| 79  | 13.500 | 3860 | 3875 | 3900 | rBV   | 8004005 | 11400247 | 100.00% | 35.328% |
| 80  | 13.619 | 3902 | 3912 | 3926 | rVV   | 377960  | 591896   | 5.19%   | 1.834%  |
| 81  | 13.770 | 3954 | 3959 | 3967 | rVB6  | 10284   | 14592    | 0.13%   | 0.045%  |
| 82  | 13.911 | 3994 | 4003 | 4014 | rBV   | 15979   | 24510    | 0.21%   | 0.076%  |
| 83  | 14.088 | 4047 | 4058 | 4070 | rBV3  | 15568   | 31934    | 0.28%   | 0.099%  |
| 84  | 14.178 | 4084 | 4086 | 4087 | rBV3  | 1154    | 517      | 0.00%   | 0.002%  |
| 85  | 14.233 | 4096 | 4103 | 4110 | rVB7  | 7879    | 10934    | 0.10%   | 0.034%  |
| 86  | 14.291 | 4114 | 4121 | 4133 | rVB5  | 15231   | 26197    | 0.23%   | 0.081%  |
| 87  | 14.435 | 4158 | 4166 | 4178 | rVB10 | 4470    | 9123     | 0.08%   | 0.028%  |
| 88  | 14.577 | 4201 | 4210 | 4218 | rBV2  | 33295   | 53323    | 0.47%   | 0.165%  |
| 89  | 14.631 | 4220 | 4227 | 4240 | rVB2  | 24234   | 38156    | 0.33%   | 0.118%  |
| 90  | 14.750 | 4255 | 4264 | 4272 | rBV4  | 8227    | 15460    | 0.14%   | 0.048%  |
| 91  | 14.815 | 4272 | 4284 | 4299 | rBV   | 896524  | 1418445  | 12.44%  | 4.396%  |
| 92  | 15.361 | 4445 | 4454 | 4467 | rVB   | 84711   | 132704   | 1.16%   | 0.411%  |
| 93  | 15.519 | 4499 | 4503 | 4505 | rBV4  | 1817    | 1676     | 0.01%   | 0.005%  |
| 94  | 15.551 | 4505 | 4513 | 4520 | rBV2  | 25401   | 38269    | 0.34%   | 0.119%  |
| 95  | 15.667 | 4540 | 4549 | 4566 | rVB   | 31012   | 56850    | 0.50%   | 0.176%  |
| 96  | 15.808 | 4584 | 4593 | 4601 | rBV   | 65916   | 106648   | 0.94%   | 0.330%  |
| 97  | 15.847 | 4601 | 4605 | 4619 | rVB   | 29630   | 41295    | 0.36%   | 0.128%  |
| 98  | 16.014 | 4649 | 4657 | 4658 | rBV5  | 8186    | 10290    | 0.09%   | 0.032%  |
| 99  | 16.181 | 4703 | 4709 | 4715 | rBV4  | 6777    | 9161     | 0.08%   | 0.028%  |
| 100 | 16.480 | 4792 | 4802 | 4821 | rBV   | 141634  | 228820   | 2.01%   | 0.709%  |

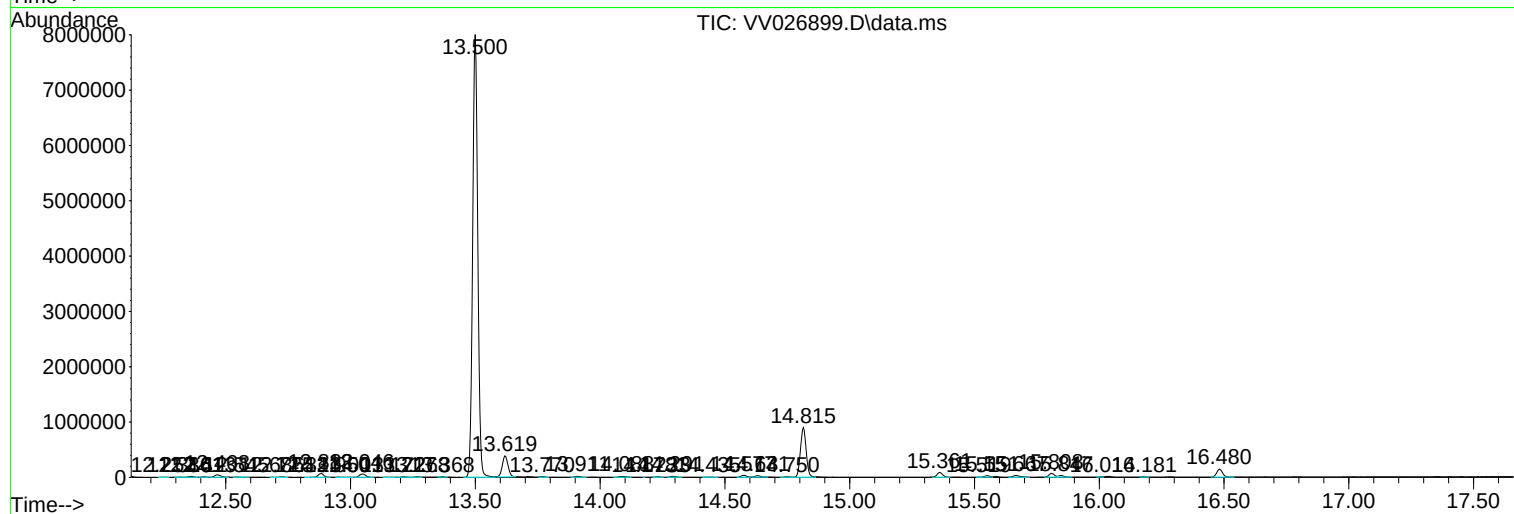
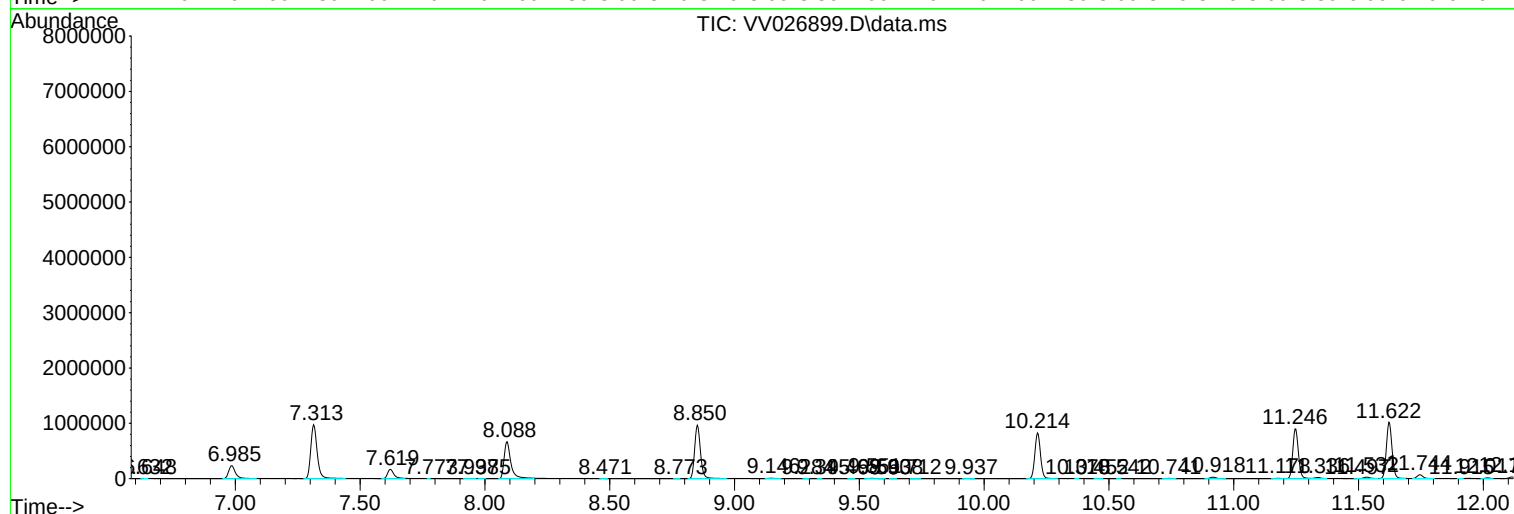
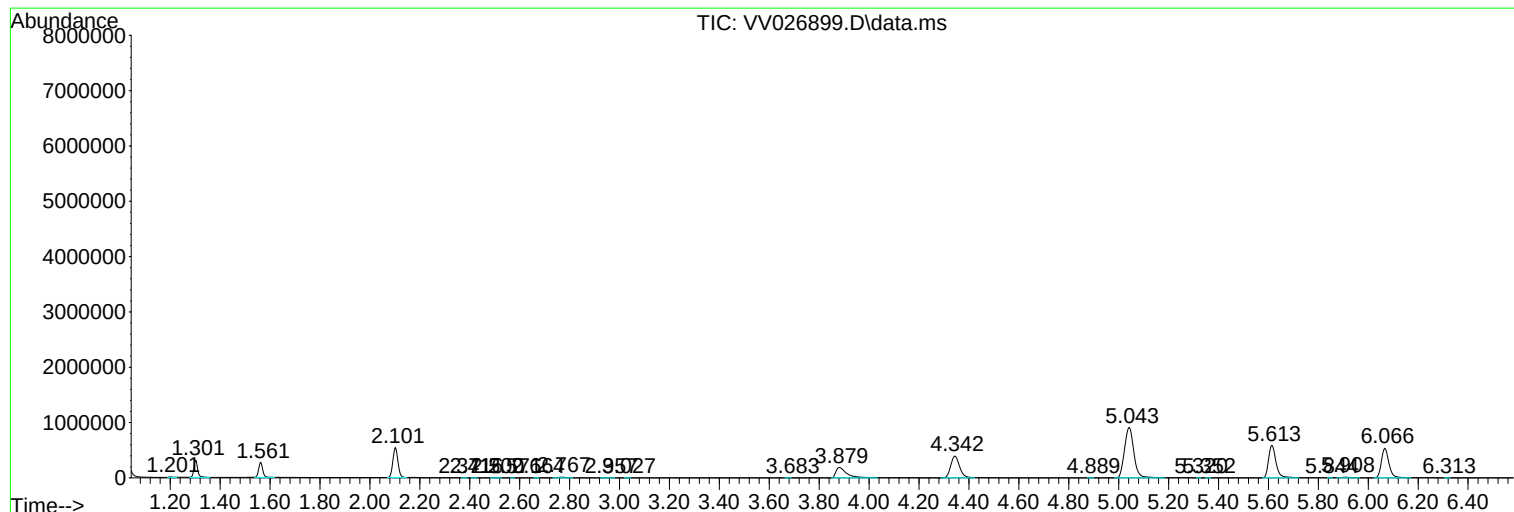
Sum of corrected areas: 32269845

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Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
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Instrument :  
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ClientSampleId :  
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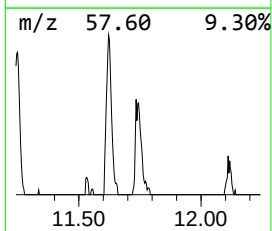
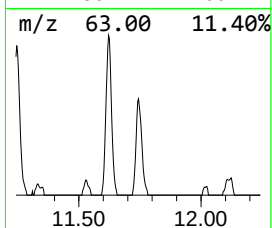
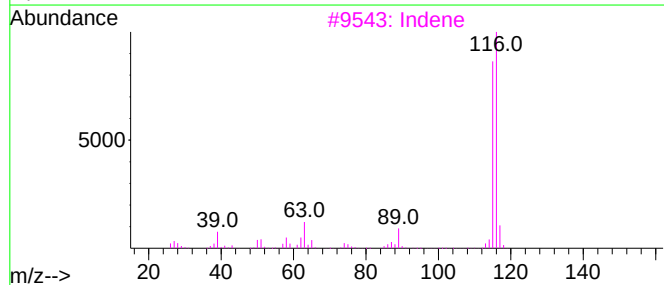
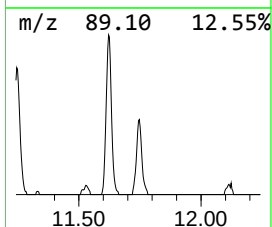
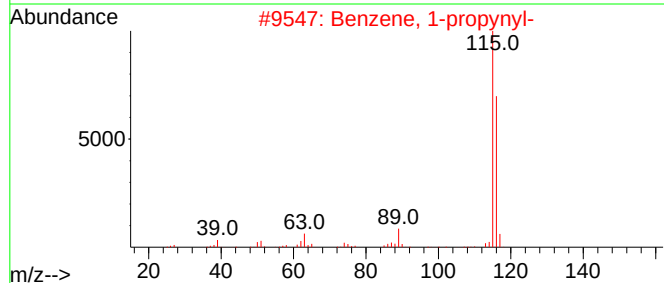
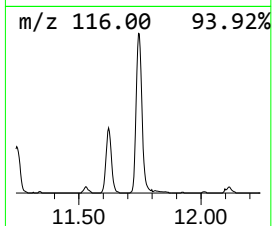
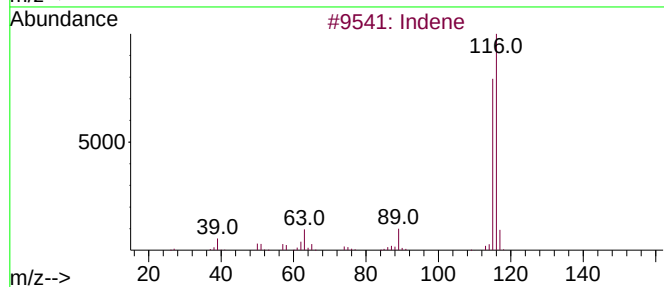
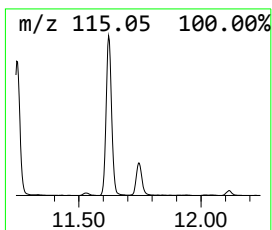
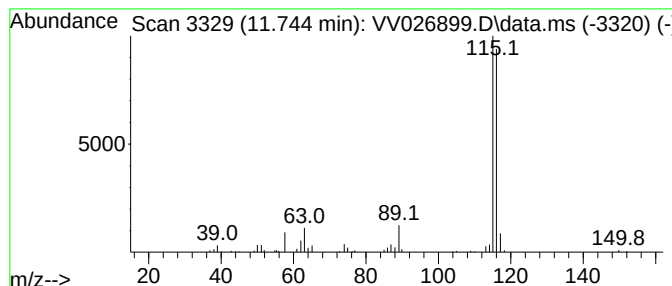
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 2 Indene Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.744 | 3.88 ug/L | 108944 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indene                       | 116 | C9H8    | 000095-13-6 | 97   |
| 2    |    |   | Benzene, 1-propynyl-         | 116 | C9H8    | 000673-32-5 | 95   |
| 3    |    |   | Indene                       | 116 | C9H8    | 000095-13-6 | 95   |
| 4    |    |   | Benzene, 1-propynyl-         | 116 | C9H8    | 000673-32-5 | 90   |
| 5    |    |   | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8    | 000766-97-2 | 90   |



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DBUP4

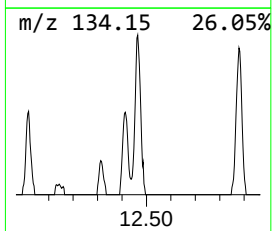
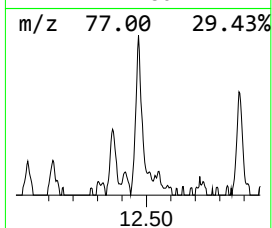
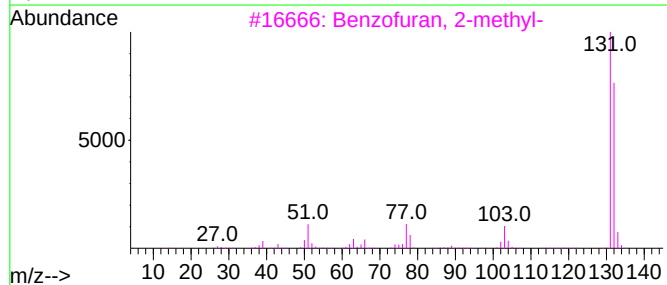
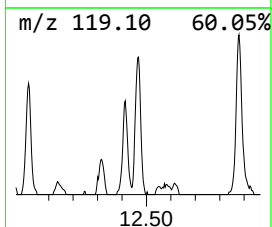
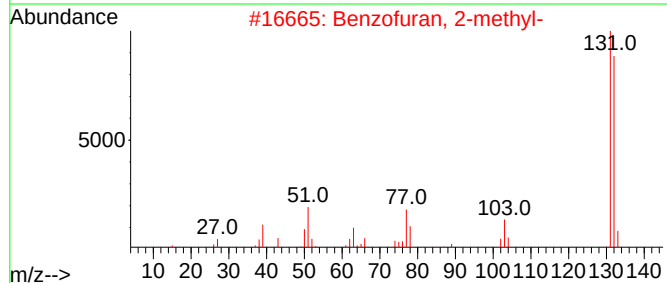
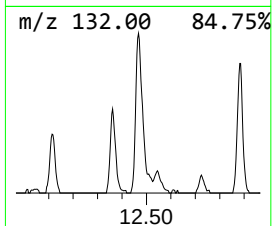
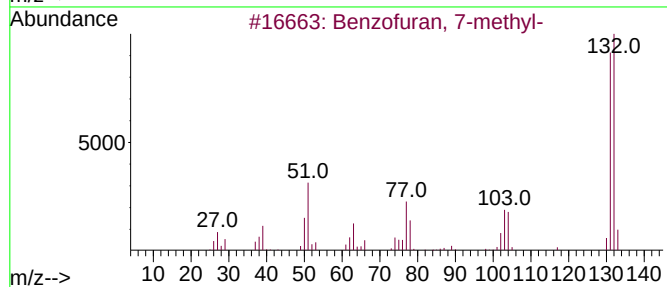
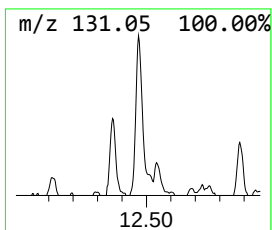
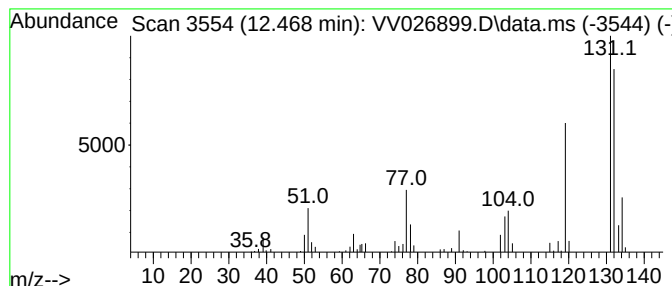
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 11

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.467 | 2.86 ug/L | 80298 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Benzofuran, 7-methyl-  | 132 | C9H8O   | 017059-52-8  | 89   |
| 2    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2  | 86   |
| 3    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2  | 70   |
| 4    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2  | 70   |
| 5    |    |   | 1H-Indazole, 3-methyl- | 132 | C8H8N2  | 1000316-00-2 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
Quant Title : VOC Analysis

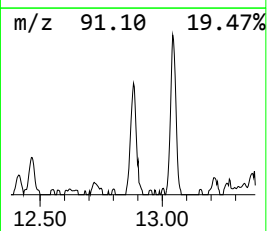
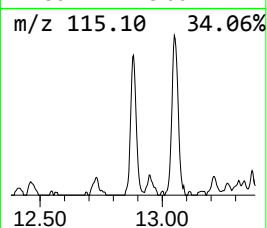
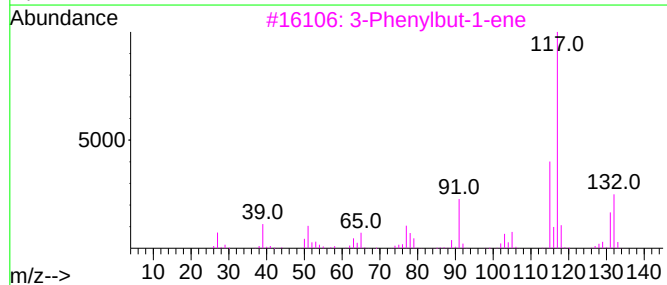
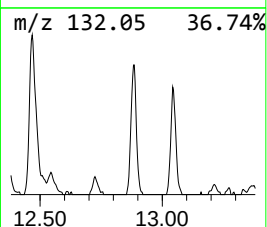
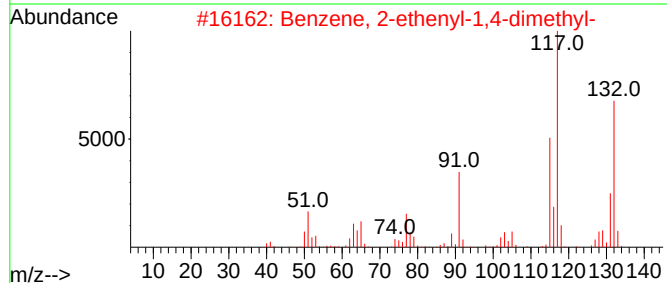
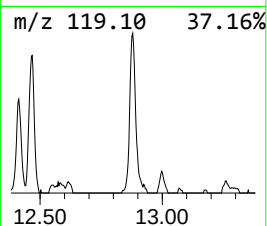
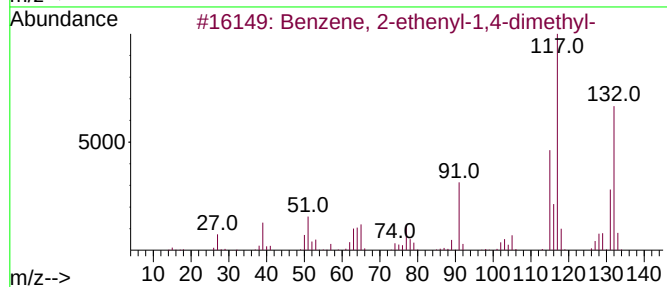
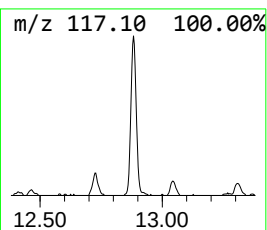
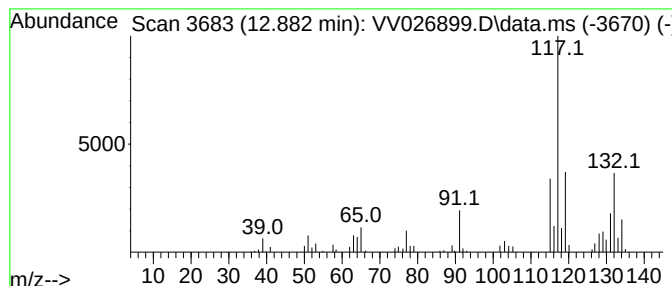
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.882 | 3.86 ug/L | 108403 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 92   |
| 2    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 90   |
| 3    |    |   | 3-Phenylbut-1-ene                 | 132 | C10H12  | 000934-10-1 | 81   |
| 4    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 81   |
| 5    |    |   | Benzene, 1-ethenyl-4-ethyl-       | 132 | C10H12  | 003454-07-7 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

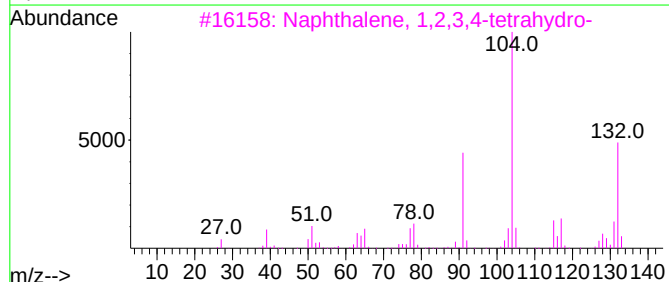
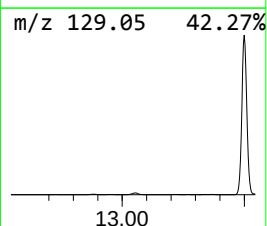
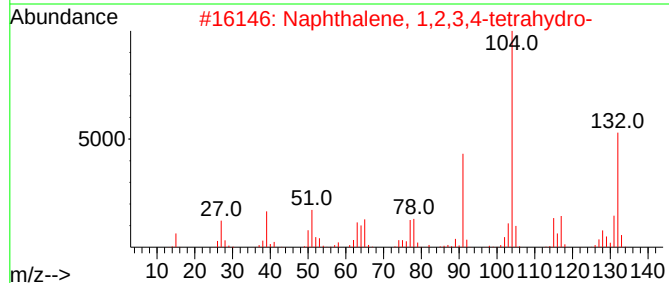
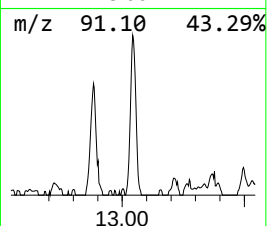
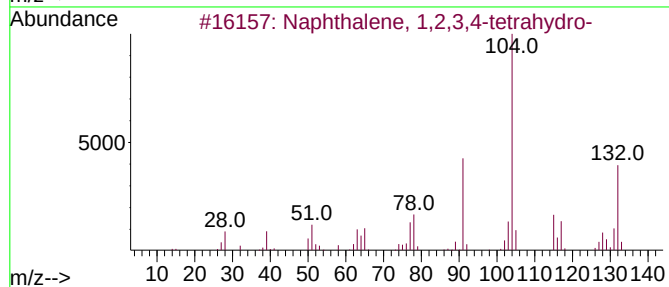
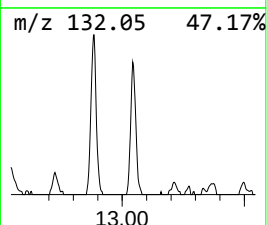
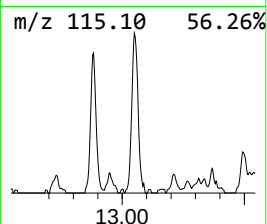
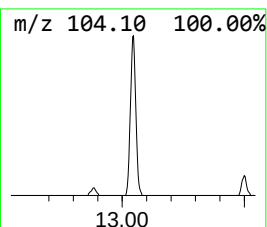
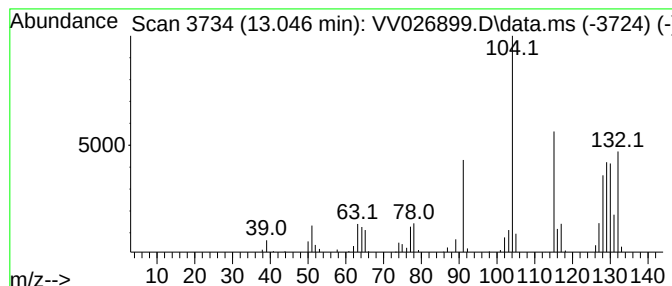
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Quant Title : VOC Analysis

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

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Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 10

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.046 | 3.78 ug/L | 106089 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-  | 132 | C10H12  | 000119-64-2 | 90   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-  | 132 | C10H12  | 000119-64-2 | 55   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-  | 132 | C10H12  | 000119-64-2 | 49   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-  | 132 | C10H12  | 000119-64-2 | 46   |
| 5    |    |   | Benzene,1-methyl-1,2-propadienyl- | 130 | C10H10  | 022433-39-2 | 42   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

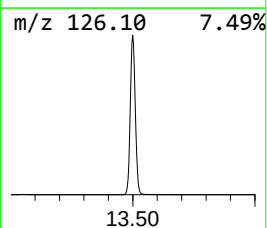
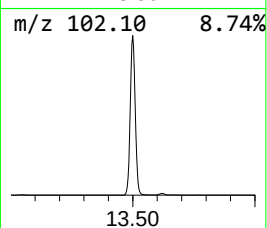
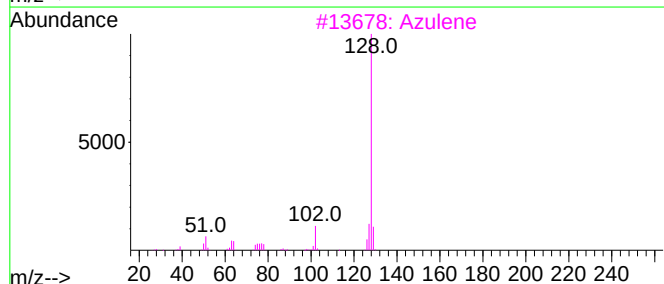
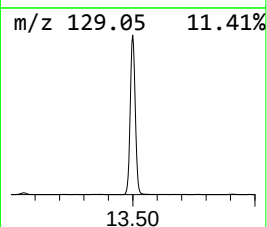
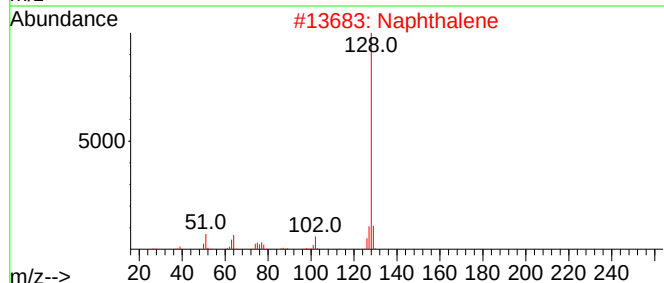
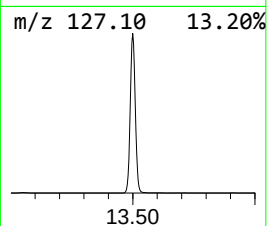
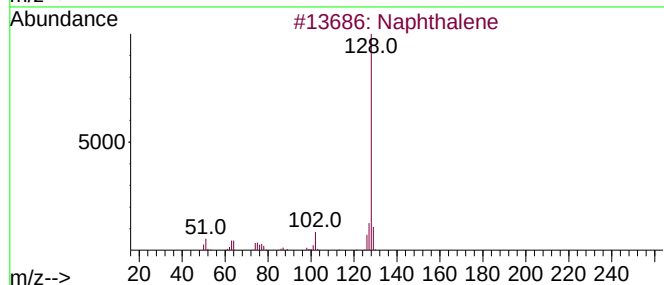
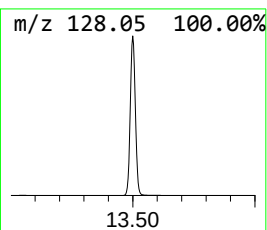
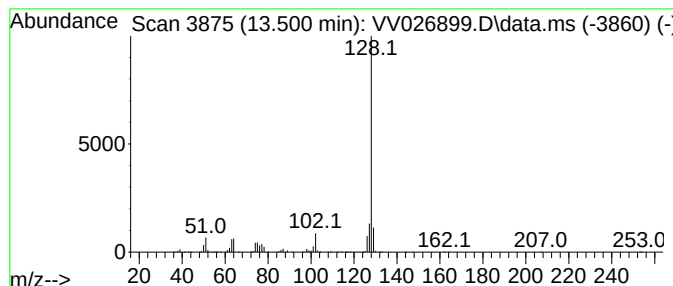
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 Azulene Concentration Rank 1

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 13.500 | 405.70 ug/L | 11400200 | 1,4-Dichlorobenzene-d4 | 11.249 |

| 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    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 93   |
| 4    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |
| 5    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

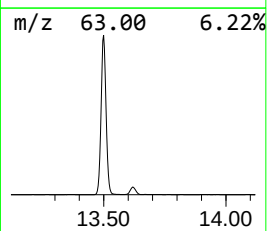
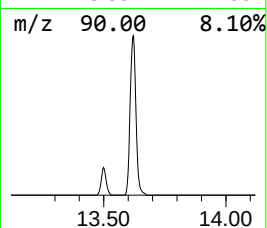
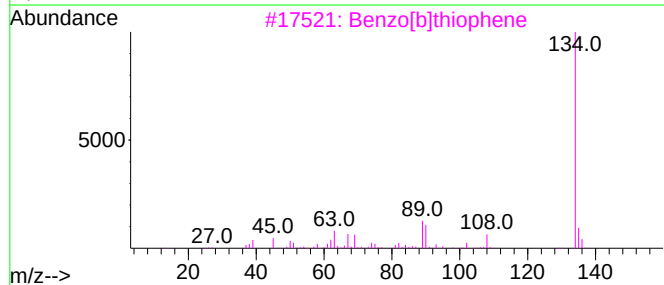
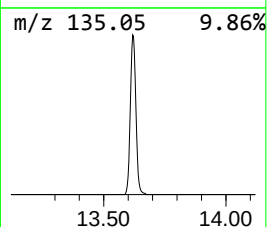
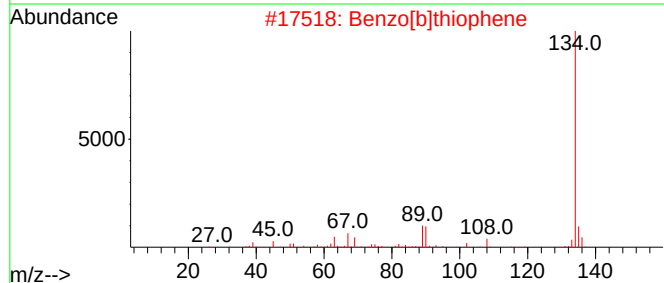
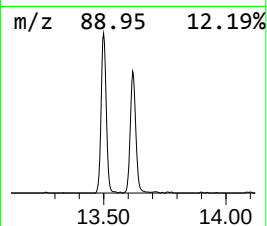
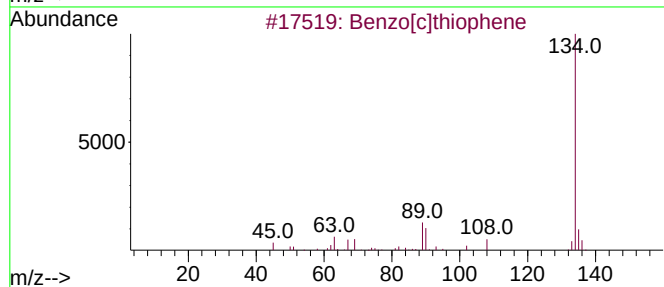
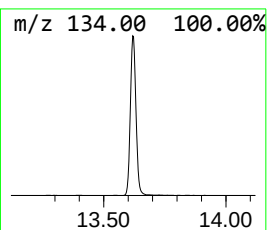
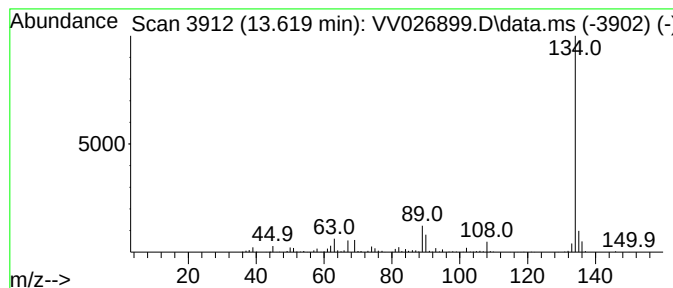
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Quant Title : VOC Analysis

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

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Peak Number 7 Benzo[c]thiophene Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.619 | 21.06 ug/L | 591896 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[c]thiophene      | 134 | C8H6S   | 000270-82-6 | 97   |
| 2    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 95   |
| 3    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 94   |
| 4    |    |   | Cyclopenta[c]thiapyran | 134 | C8H6S   | 000270-63-3 | 91   |
| 5    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

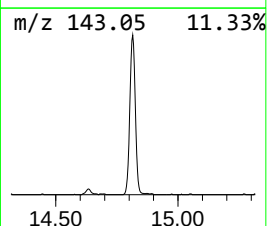
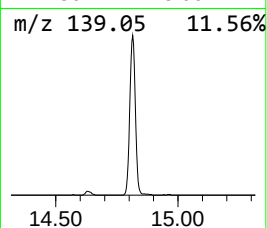
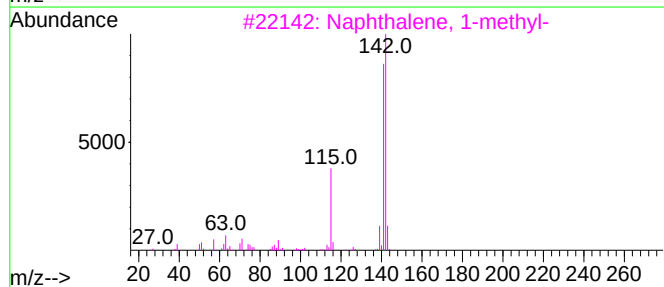
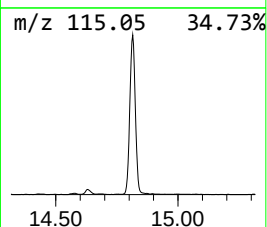
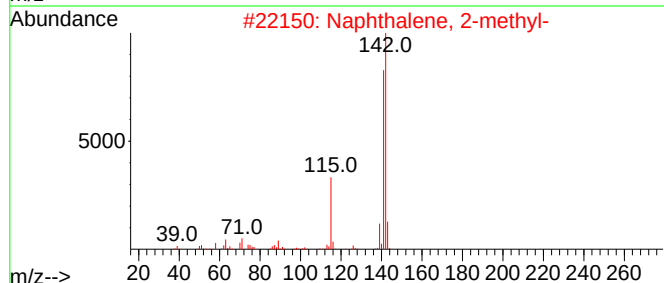
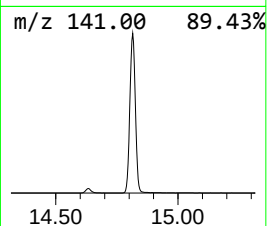
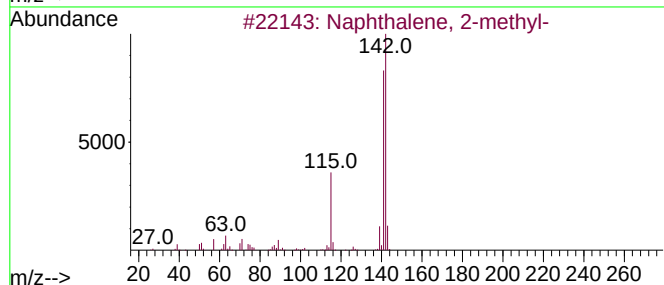
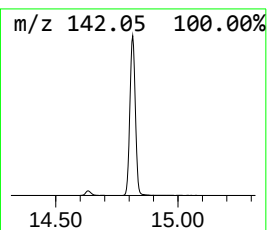
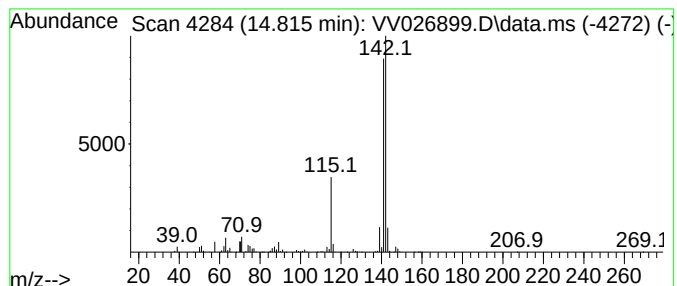
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Quant Title : VOC Analysis

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

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Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 14.815 | 50.48 ug/L | 1418450 | 1,4-Dichlorobenzene-d4 | 11.249 |

| 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 | 94   |
| 5    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

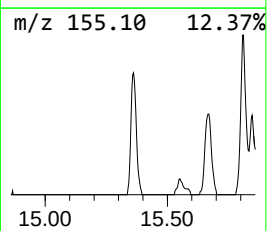
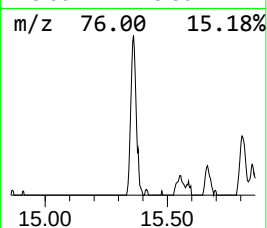
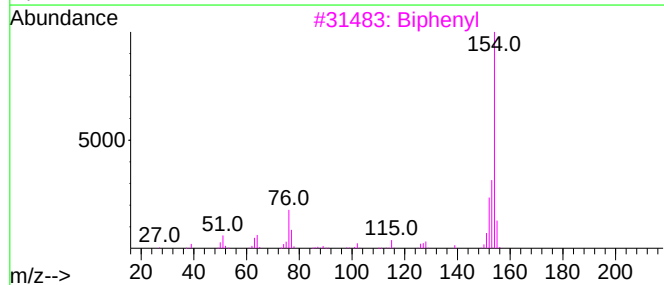
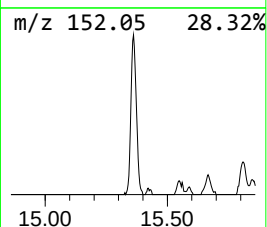
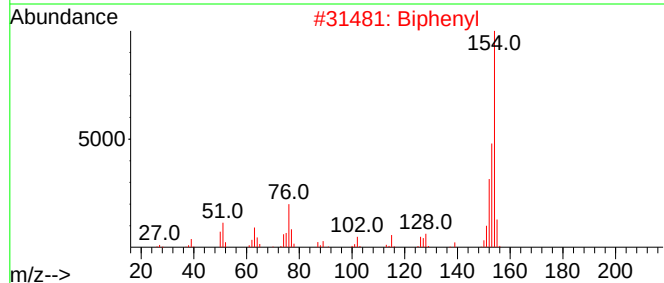
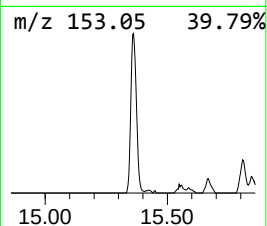
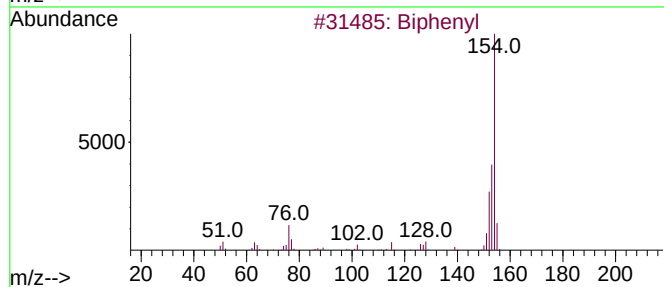
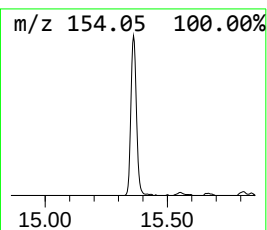
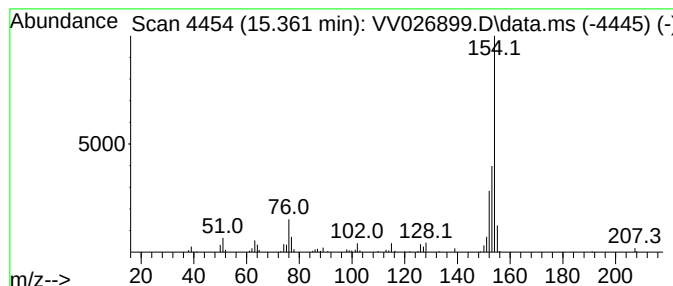
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Quant Title : VOC Analysis

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

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Peak Number 9 Biphenyl Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.361 | 4.72 ug/L | 132704 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of                      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Biphenyl                |   |              | 154 | C12H10  | 000092-52-4 | 95   |
| 2    | Biphenyl                |   |              | 154 | C12H10  | 000092-52-4 | 90   |
| 3    | Biphenyl                |   |              | 154 | C12H10  | 000092-52-4 | 87   |
| 4    | Biphenyl                |   |              | 154 | C12H10  | 000092-52-4 | 76   |
| 5    | Naphthalene, 2-ethenyl- |   |              | 154 | C12H10  | 000827-54-3 | 74   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

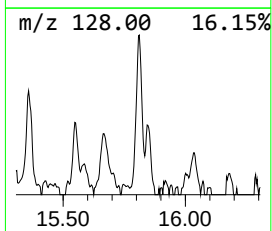
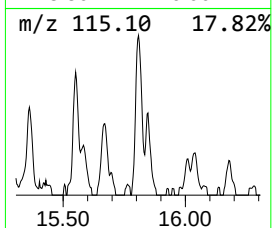
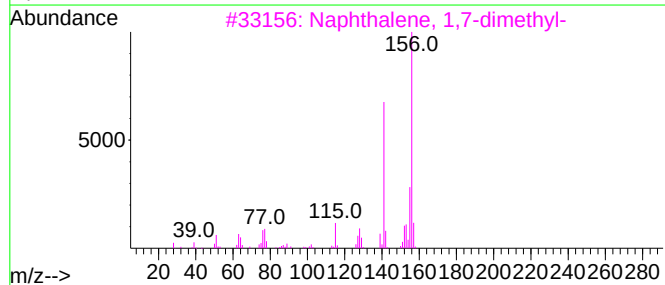
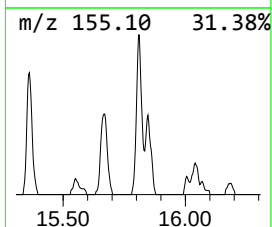
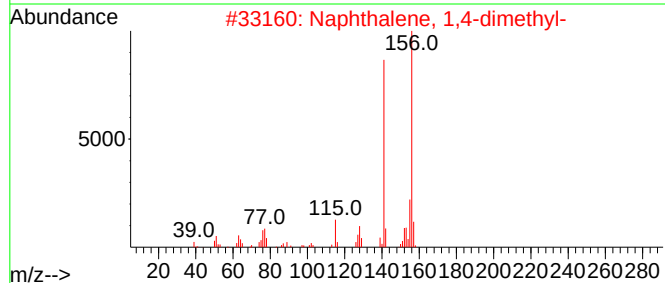
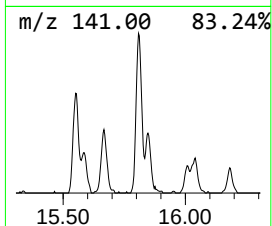
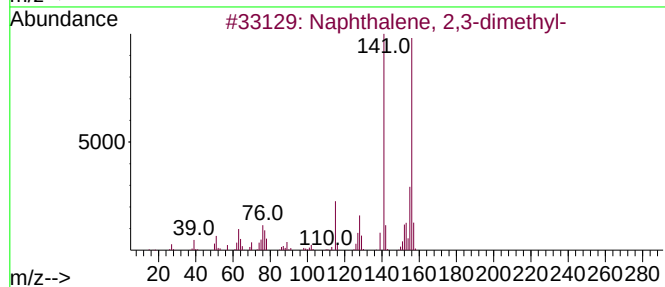
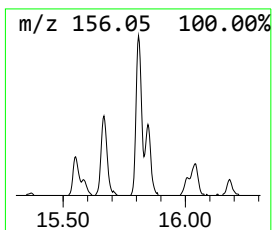
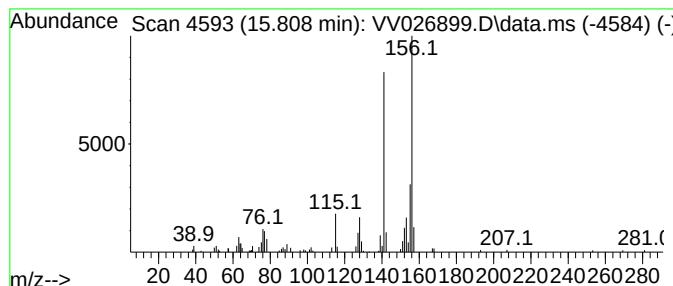
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Quant Title : VOC Analysis

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

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Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 15.808 | 3.80 ug/L | 106648 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 5    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

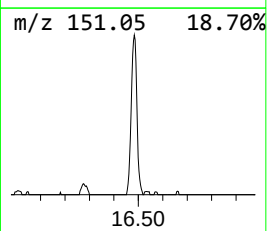
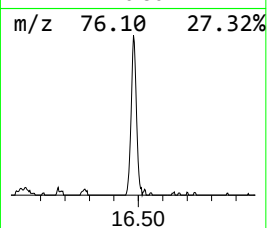
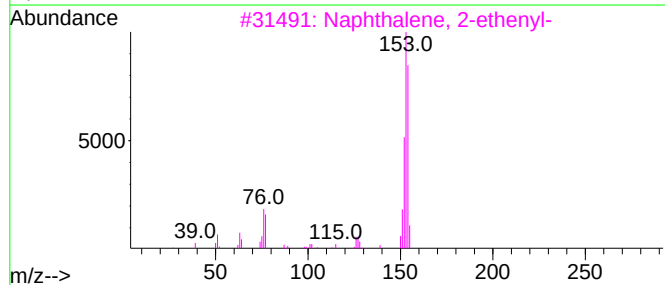
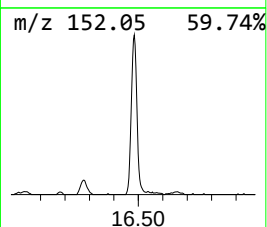
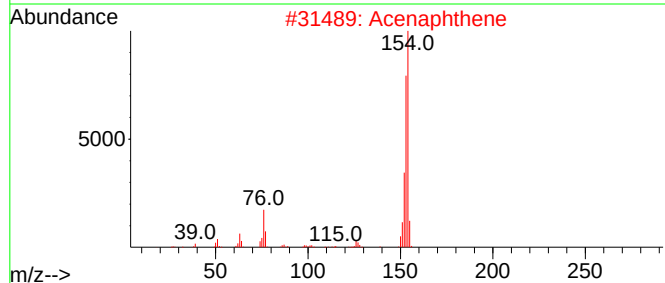
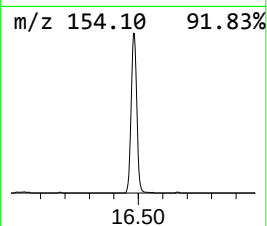
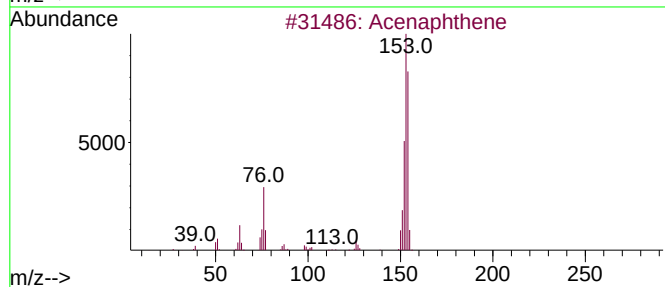
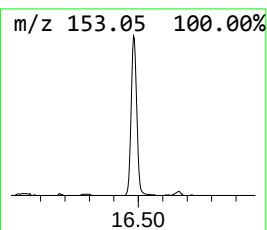
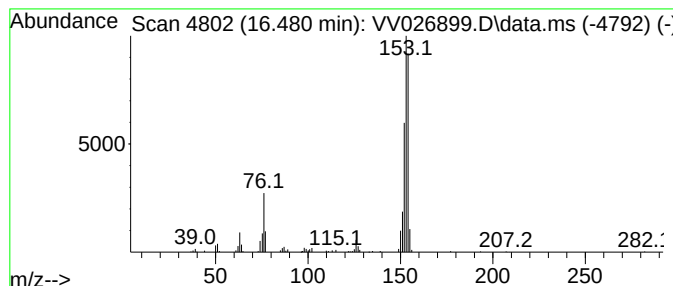
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 11 Acenaphthene Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.480 | 8.14 ug/L | 228820 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Acenaphthene            | 154 | C12H10  | 000083-32-9 | 93   |
| 2    |    |   | Acenaphthene            | 154 | C12H10  | 000083-32-9 | 68   |
| 3    |    |   | Naphthalene, 2-ethenyl- | 154 | C12H10  | 000827-54-3 | 62   |
| 4    |    |   | Acenaphthene            | 154 | C12H10  | 000083-32-9 | 60   |
| 5    |    |   | Acenaphthene            | 154 | C12H10  | 000083-32-9 | 60   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072222\  
Data File : VV026899.D  
Acq On : 22 Jul 2022 20:04  
Operator : SY/MD  
Sample : N3843-16  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBUP4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072222WMA.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 |
| Indene             | 11.744 | 3.9     | ug/L  | 108944   | 3                     | 11.249 | 1405020 | 50.0 |
| Benzofuran, 7-m... | 12.467 | 2.9     | ug/L  | 80298    | 3                     | 11.249 | 1405020 | 50.0 |
| Benzene, 2-ethe... | 12.882 | 3.9     | ug/L  | 108403   | 3                     | 11.249 | 1405020 | 50.0 |
| Naphthalene, 1,... | 13.046 | 3.8     | ug/L  | 106089   | 3                     | 11.249 | 1405020 | 50.0 |
| Azulene            | 13.500 | 405.7   | ug/L  | 11400200 | 3                     | 11.249 | 1405020 | 50.0 |
| Benzo[c]thiophene  | 13.619 | 21.1    | ug/L  | 591896   | 3                     | 11.249 | 1405020 | 50.0 |
| Naphthalene, 2-... | 14.815 | 50.5    | ug/L  | 1418450  | 3                     | 11.249 | 1405020 | 50.0 |
| Biphenyl           | 15.361 | 4.7     | ug/L  | 132704   | 3                     | 11.249 | 1405020 | 50.0 |
| Naphthalene, 2,... | 15.808 | 3.8     | ug/L  | 106648   | 3                     | 11.249 | 1405020 | 50.0 |
| Acenaphthene       | 16.480 | 8.1     | ug/L  | 228820   | 3                     | 11.249 | 1405020 | 50.0 |