

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021924\  
 Data File : VV034236.D  
 Acq On : 19 Feb 2024 12:14  
 Operator : SY/MD  
 Sample : P1503-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCNB1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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\SFAMVTR012524WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV034236.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         | 1.282       | 67            | 75          | 86           | rBV      | 38435          | 41610         | 17.87%          | 1.797%        |
| 2         | 1.536       | 145           | 154         | 167          | rVB      | 36040          | 41139         | 17.67%          | 1.777%        |
| 3         | 2.060       | 307           | 317         | 330          | rBV      | 68239          | 98785         | 42.42%          | 4.266%        |
| 4         | 3.806       | 852           | 860         | 896          | rBV      | 18033          | 59058         | 25.36%          | 2.550%        |
| 5         | 4.249       | 982           | 998         | 1021         | rBV2     | 40576          | 104338        | 44.81%          | 4.506%        |
| 6         | 4.960       | 1205          | 1219        | 1244         | rBV3     | 91733          | 232861        | 100.00%         | 10.056%       |
| 7         | 5.535       | 1388          | 1398        | 1427         | rBV      | 87570          | 182242        | 78.26%          | 7.870%        |
| 8         | 5.989       | 1529          | 1539        | 1562         | rBV      | 50370          | 103396        | 44.40%          | 4.465%        |
| 9         | 6.918       | 1819          | 1828        | 1853         | rBV      | 23631          | 46623         | 20.02%          | 2.013%        |
| 10        | 7.243       | 1918          | 1929        | 1957         | rBV      | 117149         | 209596        | 90.01%          | 9.052%        |
| 11        | 7.561       | 2019          | 2028        | 2047         | rBV3     | 12456          | 24316         | 10.44%          | 1.050%        |
| 12        | 8.030       | 2166          | 2174        | 2207         | rBV      | 75204          | 165303        | 70.99%          | 7.139%        |
| 13        | 8.786       | 2399          | 2409        | 2446         | rBV      | 128507         | 220678        | 94.77%          | 9.530%        |
| 14        | 8.995       | 2465          | 2474        | 2482         | rBV3     | 3322           | 5039          | 2.16%           | 0.218%        |
| 15        | 9.410       | 2590          | 2603        | 2611         | rBB5     | 3129           | 5939          | 2.55%           | 0.256%        |
| 16        | 9.844       | 2731          | 2738        | 2745         | rBV4     | 1539           | 2690          | 1.16%           | 0.116%        |
| 17        | 10.021      | 2784          | 2793        | 2800         | rVB4     | 1472           | 2380          | 1.02%           | 0.103%        |
| 18        | 10.075      | 2800          | 2810        | 2820         | rVB4     | 2814           | 5664          | 2.43%           | 0.245%        |
| 19        | 10.153      | 2823          | 2834        | 2851         | rBV2     | 34120          | 63637         | 27.33%          | 2.748%        |
| 20        | 10.384      | 2897          | 2906        | 2915         | rBV5     | 3829           | 7279          | 3.13%           | 0.314%        |
| 21        | 10.448      | 2915          | 2926        | 2936         | rVV6     | 7090           | 14641         | 6.29%           | 0.632%        |
| 22        | 10.497      | 2936          | 2941        | 2949         | rVV6     | 2792           | 4474          | 1.92%           | 0.193%        |
| 23        | 10.561      | 2949          | 2961        | 2969         | rVB7     | 2576           | 5297          | 2.27%           | 0.229%        |
| 24        | 10.657      | 2984          | 2991        | 2997         | rBV6     | 3347           | 4434          | 1.90%           | 0.191%        |
| 25        | 10.818      | 3032          | 3041        | 3042         | rBV6     | 2786           | 3156          | 1.36%           | 0.136%        |
| 26        | 10.863      | 3051          | 3055        | 3073         | rVB9     | 3364           | 7408          | 3.18%           | 0.320%        |
| 27        | 11.040      | 3104          | 3110        | 3116         | rVB7     | 2259           | 2741          | 1.18%           | 0.118%        |
| 28        | 11.091      | 3116          | 3126        | 3136         | rVB4     | 7458           | 11919         | 5.12%           | 0.515%        |
| 29        | 11.185      | 3146          | 3155        | 3176         | rBV      | 137614         | 220212        | 94.57%          | 9.510%        |
| 30        | 11.397      | 3215          | 3221        | 3229         | rVB3     | 1948           | 2688          | 1.15%           | 0.116%        |
| 31        | 11.561      | 3257          | 3272        | 3289         | rVB      | 115456         | 225312        | 96.76%          | 9.730%        |
| 32        | 11.879      | 3363          | 3371        | 3376         | rVB7     | 2491           | 3243          | 1.39%           | 0.140%        |
| 33        | 12.107      | 3434          | 3442        | 3456         | rVV8     | 5876           | 14652         | 6.29%           | 0.633%        |
| 34        | 12.197      | 3456          | 3470        | 3481         | rVB8     | 15709          | 34260         | 14.71%          | 1.480%        |
| 35        | 12.316      | 3496          | 3507        | 3518         | rBV8     | 5141           | 10958         | 4.71%           | 0.473%        |
| 36        | 12.406      | 3525          | 3535        | 3544         | rVB3     | 18032          | 27175         | 11.67%          | 1.174%        |

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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCNB1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Title : TRACE VOA SFAM1.0

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 37 | 12.484 | 3554 | 3559 | 3569 | rVB9 | 3997 | 6184  | 2.66% | 0.267% |
| 38 | 12.657 | 3603 | 3613 | 3626 | rBV6 | 5213 | 8671  | 3.72% | 0.374% |
| 39 | 12.731 | 3626 | 3636 | 3644 | rVB4 | 4373 | 6556  | 2.82% | 0.283% |
| 40 | 12.805 | 3648 | 3659 | 3674 | rBV4 | 6442 | 13701 | 5.88% | 0.592% |
| 41 | 12.879 | 3674 | 3682 | 3691 | rVB6 | 2917 | 4798  | 2.06% | 0.207% |
| 42 | 12.943 | 3691 | 3702 | 3704 | rBV4 | 7475 | 9816  | 4.22% | 0.424% |
| 43 | 13.005 | 3716 | 3721 | 3736 | rVB9 | 6093 | 11549 | 4.96% | 0.499% |
| 44 | 13.091 | 3740 | 3748 | 3757 | rVB5 | 4033 | 6085  | 2.61% | 0.263% |
| 45 | 13.201 | 3773 | 3782 | 3788 | rBV5 | 1455 | 2614  | 1.12% | 0.113% |
| 46 | 13.316 | 3808 | 3818 | 3825 | rBV7 | 1378 | 2862  | 1.23% | 0.124% |
| 47 | 13.416 | 3840 | 3849 | 3858 | rVB6 | 5800 | 8799  | 3.78% | 0.380% |
| 48 | 13.471 | 3858 | 3866 | 3873 | rBV4 | 3002 | 5194  | 2.23% | 0.224% |
| 49 | 13.564 | 3885 | 3895 | 3897 | rBV4 | 2150 | 2566  | 1.10% | 0.111% |
| 50 | 13.805 | 3962 | 3970 | 3980 | rVB5 | 1887 | 2502  | 1.07% | 0.108% |
| 51 | 13.953 | 4008 | 4016 | 4025 | rBV5 | 1598 | 2911  | 1.25% | 0.126% |
| 52 | 14.307 | 4113 | 4126 | 4135 | rBV2 | 3733 | 5598  | 2.40% | 0.242% |

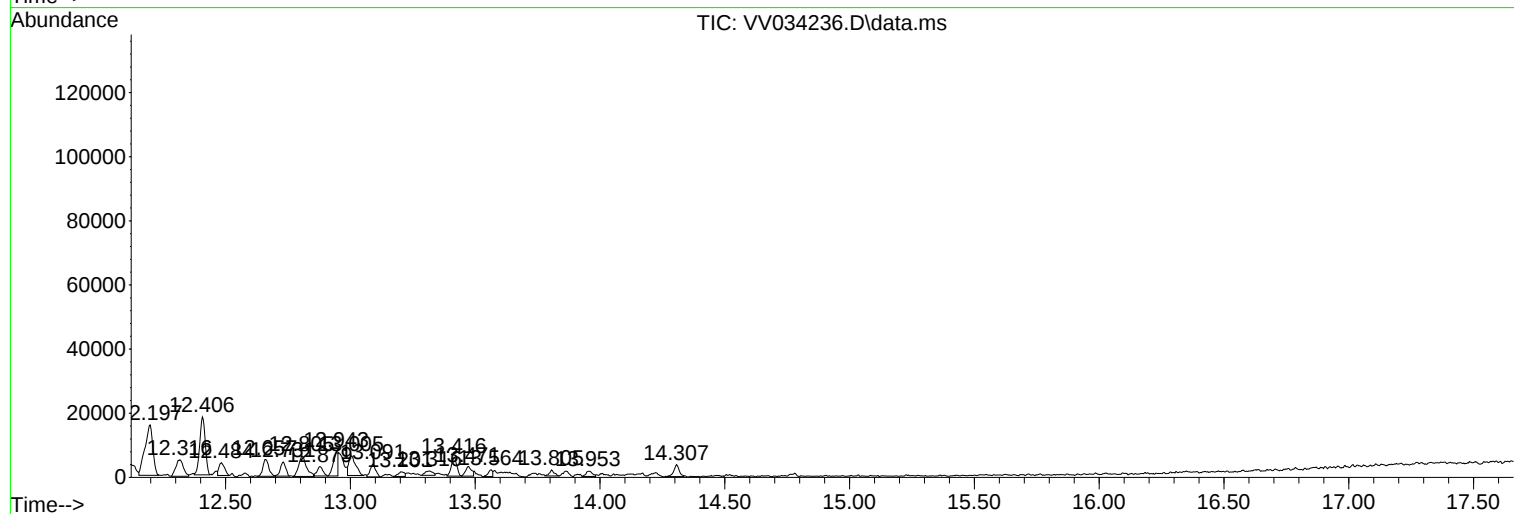
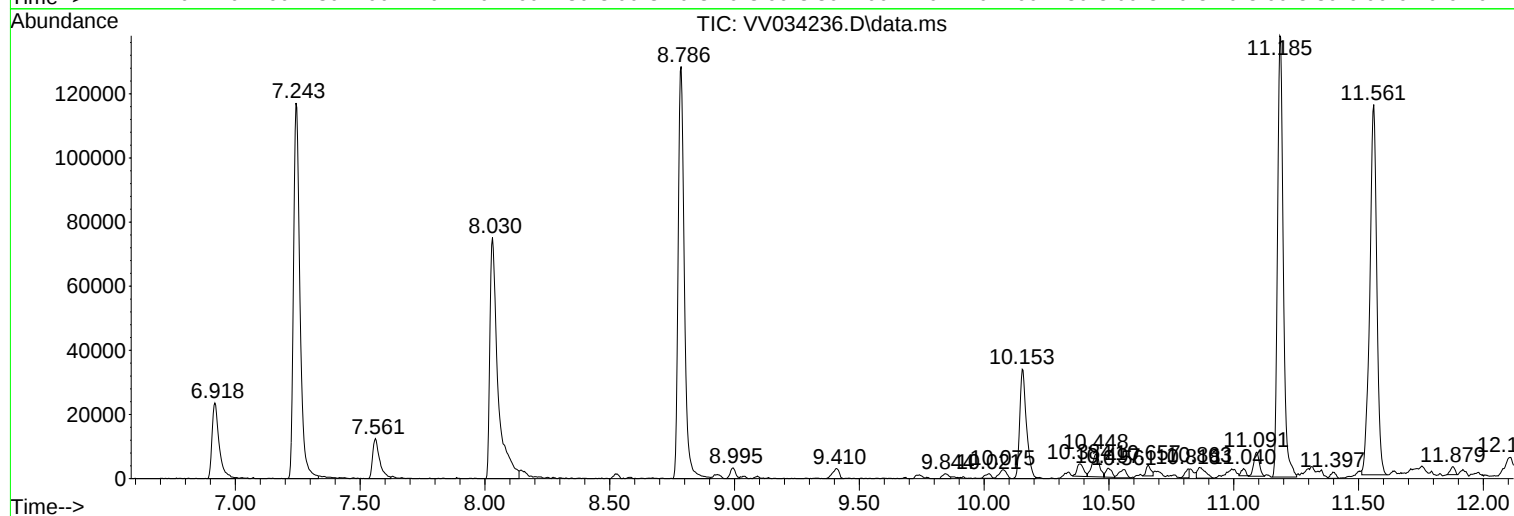
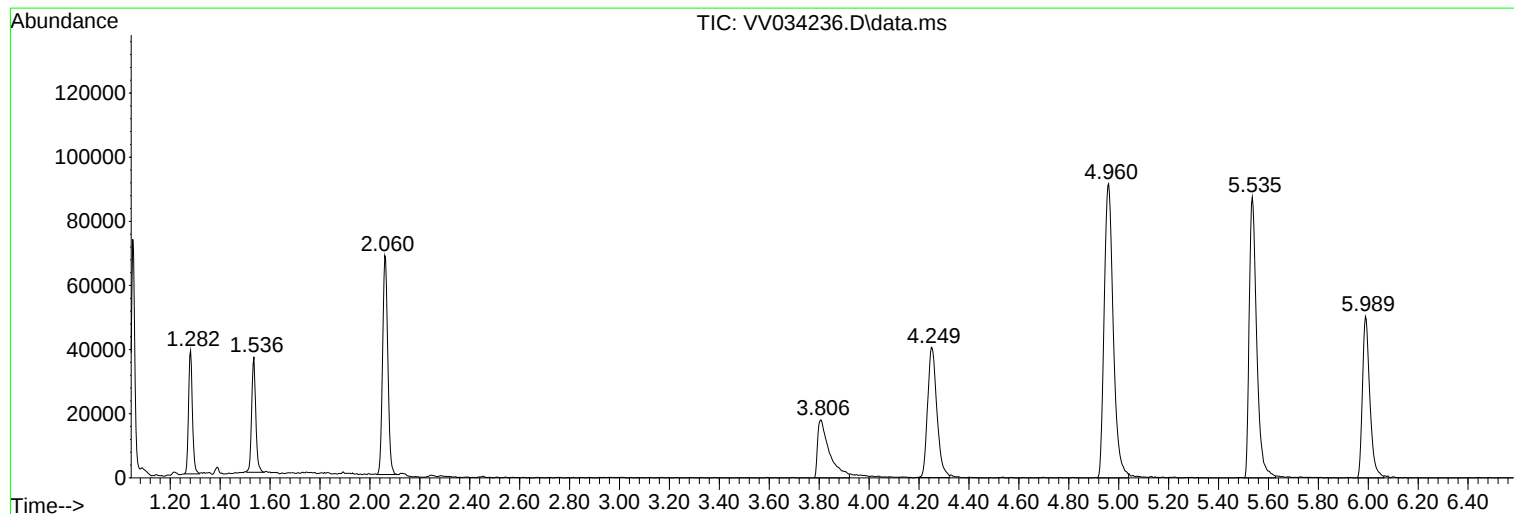
Sum of corrected areas: 2315549

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021924\  
Data File : VV034236.D  
Acq On : 19 Feb 2024 12:14  
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Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCNB1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021924\  
Data File : VV034236.D  
Acq On : 19 Feb 2024 12:14  
Operator : SY/MD  
Sample : P1503-03  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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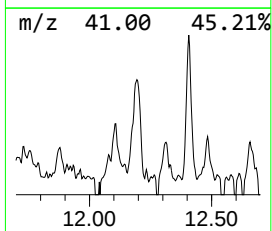
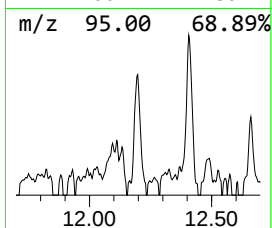
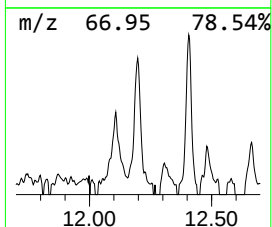
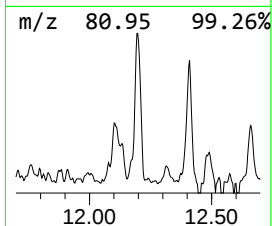
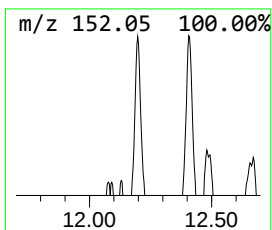
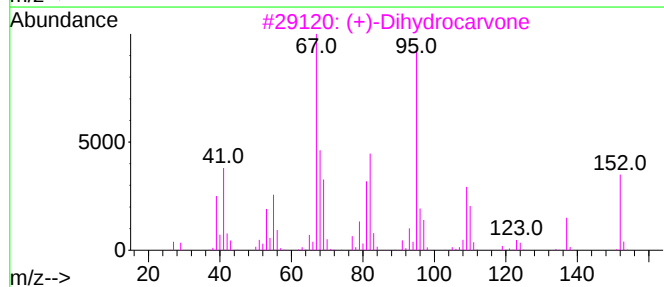
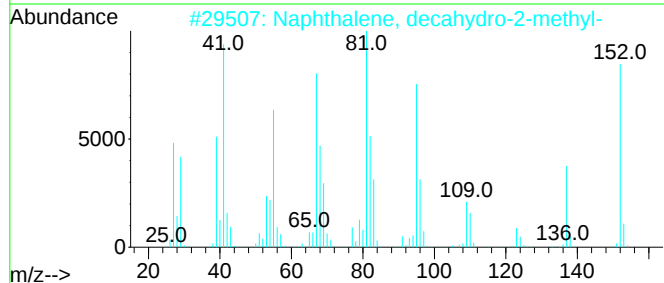
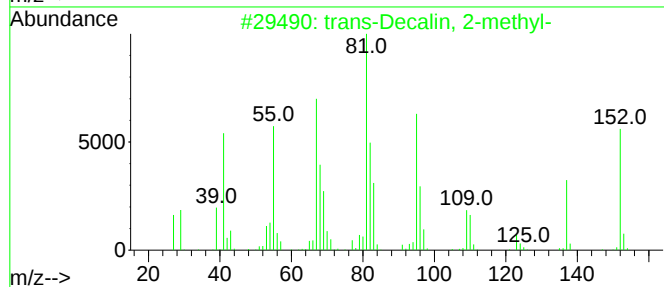
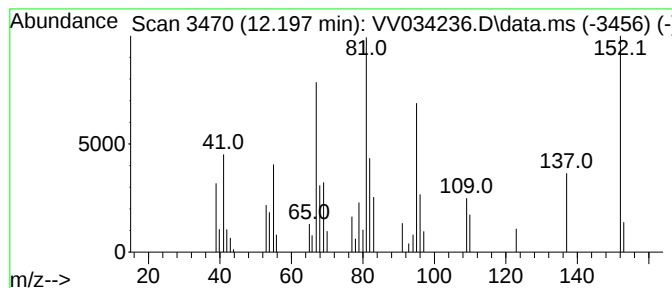
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 2 trans-Decalin, 2-methyl- Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.198 | 0.78 ug/L | 34260 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 97   |
| 2    |    |   | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 95   |
| 3    |    |   | (+)-Dihydrocarvone                  | 152 | C10H16O | 005524-05-0  | 93   |
| 4    |    |   | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6  | 81   |
| 5    |    |   | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6  | 81   |



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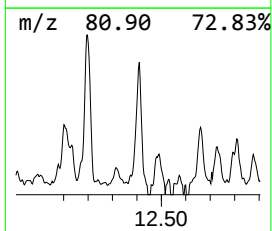
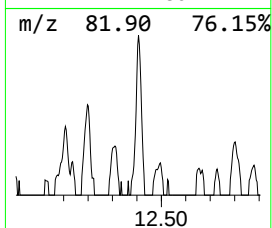
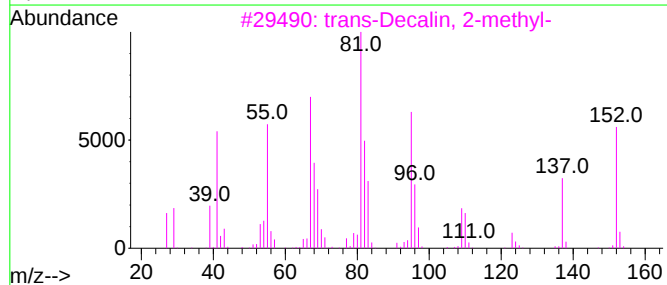
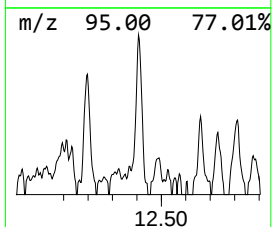
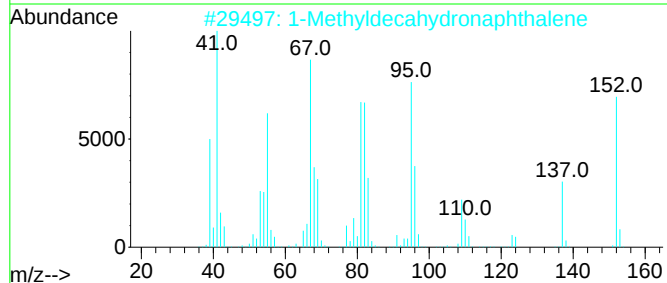
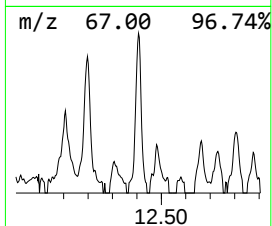
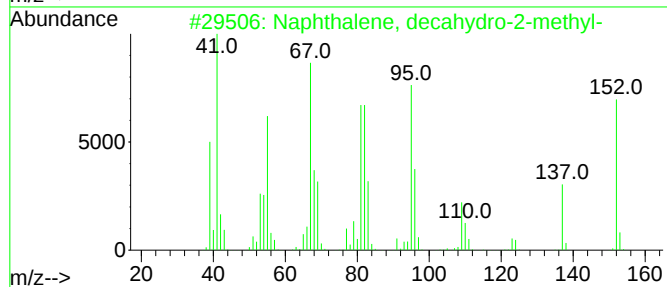
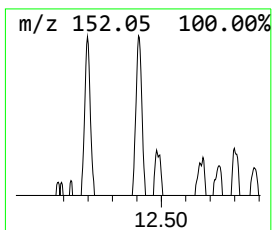
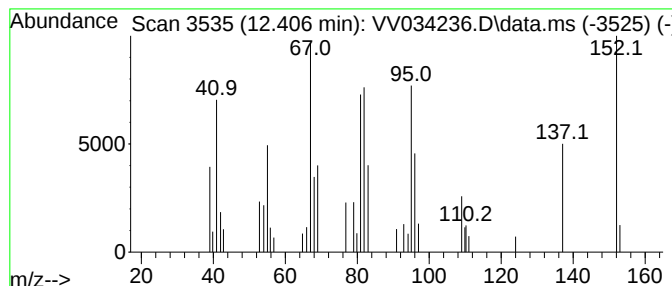
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.406 | 0.62 ug/L | 27175 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, decahydro-2-methyl- | 152 | C11H20  | 002958-76-1  | 96   |
| 2    |    |   | 1-Methyldecahydronaphthalene     | 152 | C11H20  | 002958-75-0  | 96   |
| 3    |    |   | trans-Decalin, 2-methyl-         | 152 | C11H20  | 1000152-47-3 | 95   |
| 4    |    |   | Naphthalene, decahydro-2-methyl- | 152 | C11H20  | 002958-76-1  | 94   |
| 5    |    |   | (+)-Dihydrocarvone               | 152 | C10H16O | 005524-05-0  | 92   |



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Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| trans-Decalin, ... | 12.198 | 0.8     | ug/L  | 34260    | 3                     | 11.185 | 220212 | 5.0  |
| Naphthalene, de... | 12.406 | 0.6     | ug/L  | 27175    | 3                     | 11.185 | 220212 | 5.0  |