

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050721\  
 Data File : VU043620.D  
 Acq On : 07 May 2021 18:13  
 Operator : SY/MD  
 Sample : M2303-03  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-3

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_U\Method\82U050621W.M  
 Title : SW846 8260

Signal : TIC: VU043620.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         | 1.784       | 124           | 138         | 149          | rBV9     | 6863           | 12976         | 1.43%           | 0.260%        |
| 2         | 2.761       | 432           | 442         | 454          | rBV2     | 6828           | 12475         | 1.38%           | 0.250%        |
| 3         | 5.298       | 1216          | 1231        | 1244         | rBV      | 142858         | 301137        | 33.22%          | 6.040%        |
| 4         | 5.382       | 1244          | 1257        | 1276         | rVB      | 198204         | 409323        | 45.16%          | 8.210%        |
| 5         | 5.710       | 1343          | 1359        | 1378         | rBV      | 172049         | 347089        | 38.29%          | 6.962%        |
| 6         | 6.256       | 1514          | 1529        | 1550         | rBV      | 321183         | 600131        | 66.21%          | 12.038%       |
| 7         | 7.906       | 2028          | 2042        | 2062         | rBV      | 534304         | 906430        | 100.00%         | 18.182%       |
| 8         | 9.423       | 2498          | 2514        | 2538         | rBV      | 458159         | 753424        | 83.12%          | 15.113%       |
| 9         | 10.639      | 2880          | 2892        | 2917         | rBV      | 387352         | 611415        | 67.45%          | 12.264%       |
| 10        | 11.819      | 3245          | 3259        | 3276         | rBV      | 454701         | 709150        | 78.24%          | 14.224%       |
| 11        | 15.420      | 4365          | 4379        | 4392         | rBV      | 42090          | 71685         | 7.91%           | 1.438%        |
| 12        | 16.192      | 4611          | 4619        | 4629         | rVB      | 6588           | 9582          | 1.06%           | 0.192%        |
| 13        | 16.272      | 4634          | 4644        | 4653         | rBV2     | 26176          | 44668         | 4.93%           | 0.896%        |
| 14        | 16.420      | 4675          | 4690        | 4696         | rBV      | 43358          | 71800         | 7.92%           | 1.440%        |
| 15        | 16.455      | 4697          | 4701        | 4713         | rVB2     | 16309          | 23790         | 2.62%           | 0.477%        |
| 16        | 16.648      | 4744          | 4761        | 4779         | rVB3     | 19188          | 47666         | 5.26%           | 0.956%        |
| 17        | 16.793      | 4795          | 4806        | 4816         | rBV2     | 17426          | 26608         | 2.94%           | 0.534%        |
| 18        | 17.108      | 4897          | 4904        | 4917         | rVB5     | 6158           | 12195         | 1.35%           | 0.245%        |
| 19        | 17.552      | 5034          | 5042        | 5053         | rVB4     | 8974           | 13889         | 1.53%           | 0.279%        |

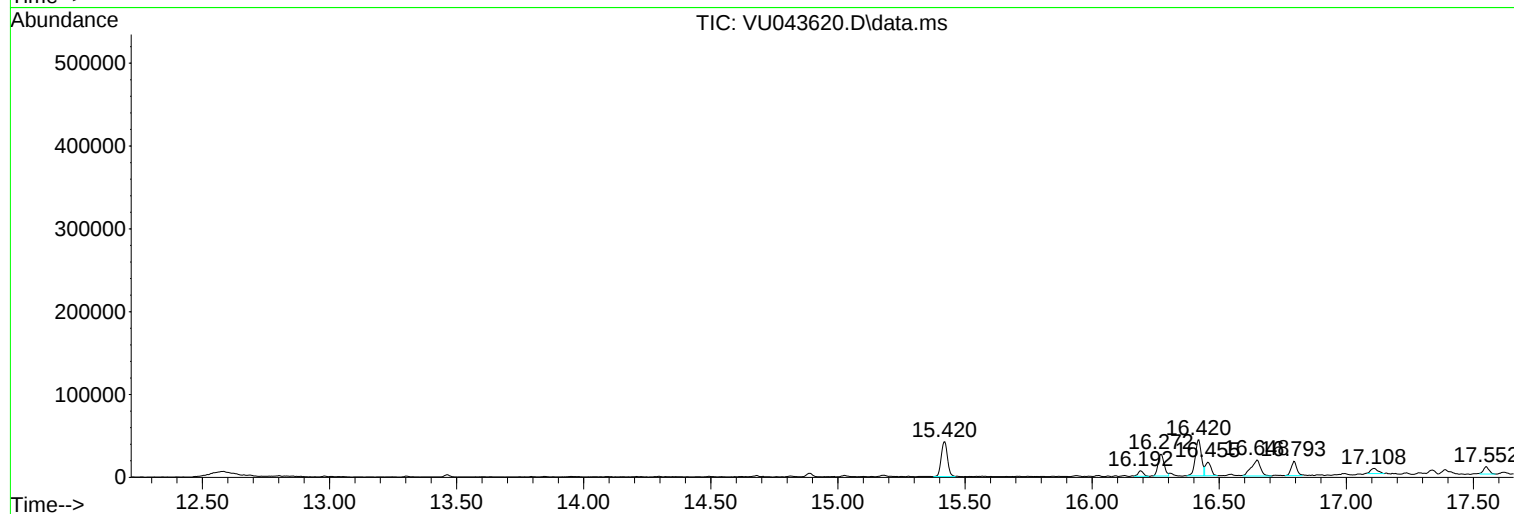
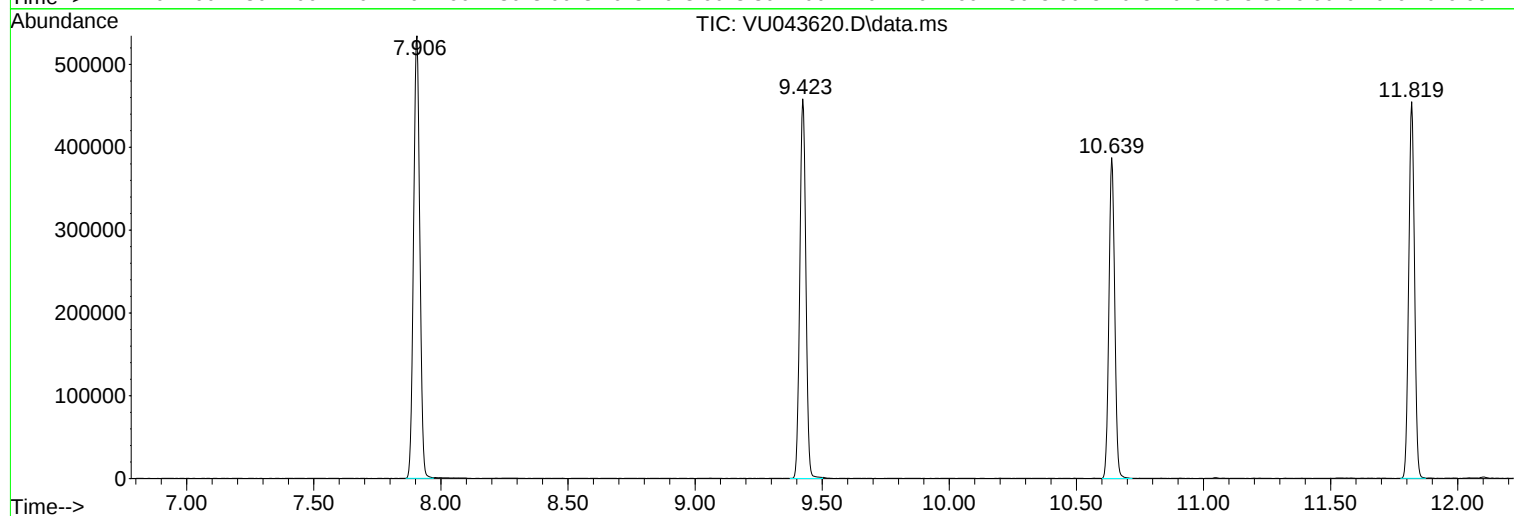
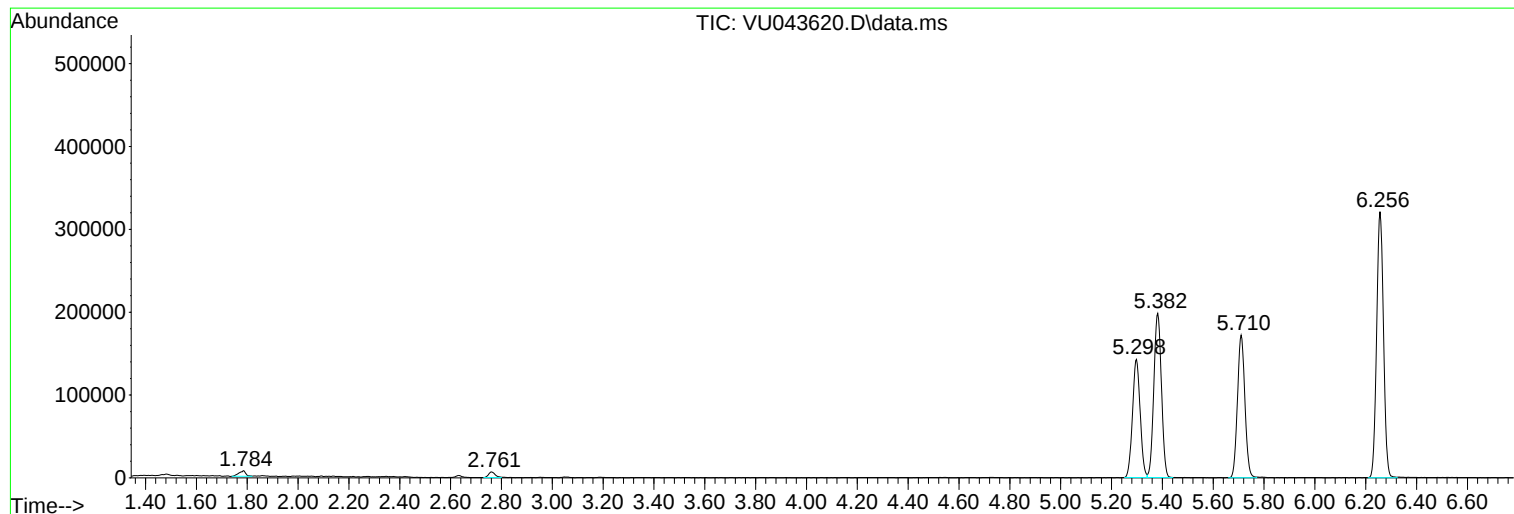
Sum of corrected areas: 4985433

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ClientSampleId :  
MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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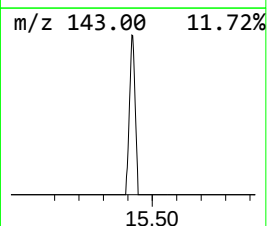
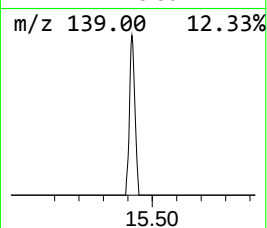
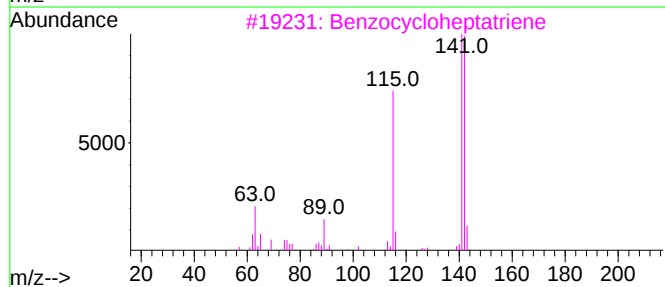
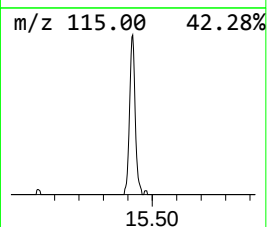
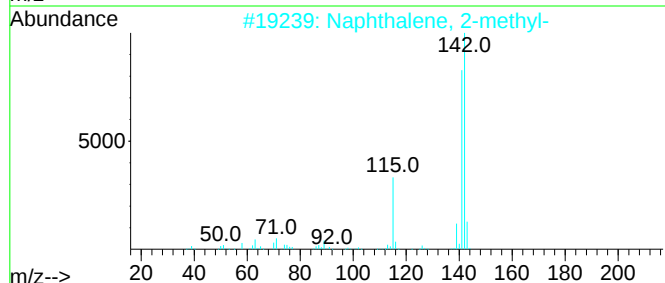
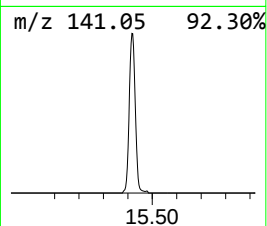
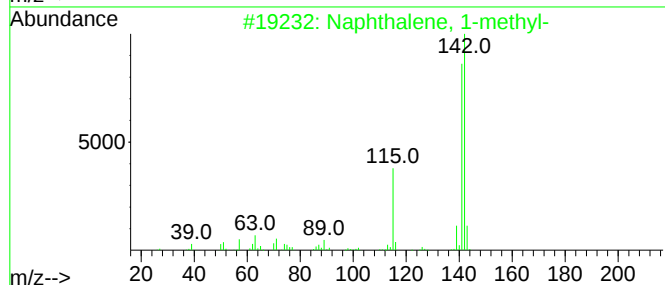
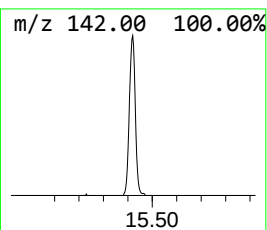
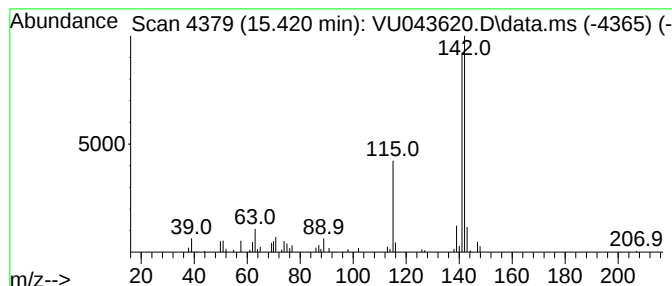
TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.420 | 5.05 ug/l | 71685 | 1,4-Dichlorobenzene-d4 | 11.819 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 95   |
| 3    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 95   |
| 4    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 94   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 72   |



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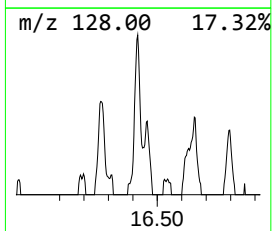
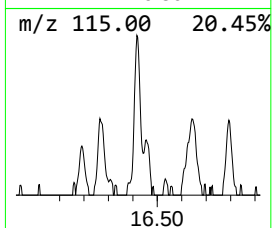
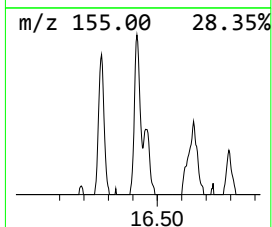
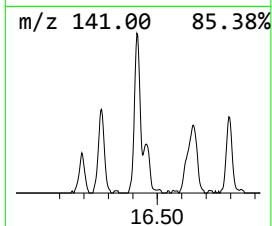
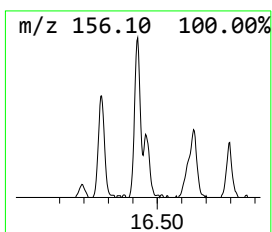
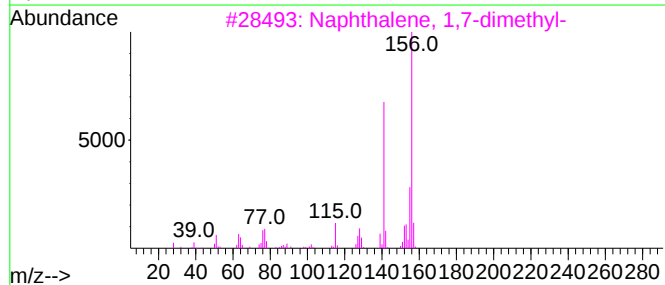
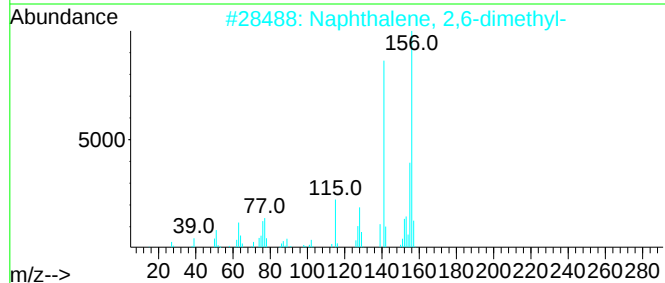
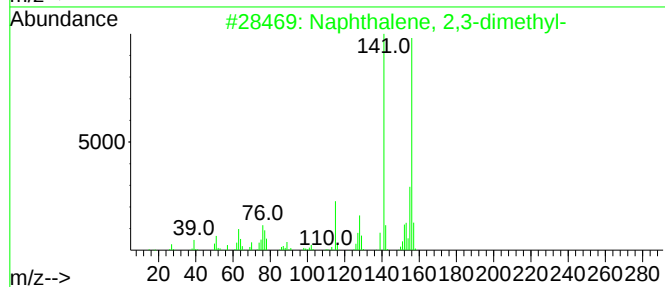
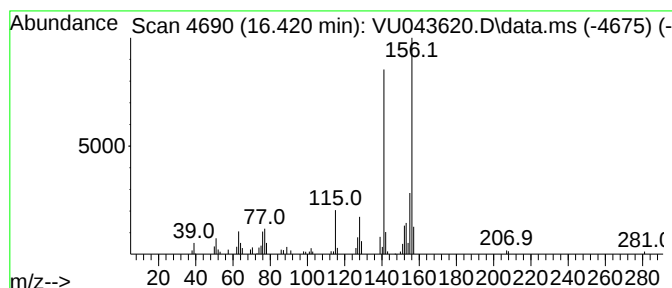
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Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 1

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.420 | 5.06 ug/l | 71800 | 1,4-Dichlorobenzene-d4 | 11.819 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 5    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Naphthalene, 1-... | 15.420 | 5.0     | ug/l  | 71685    | 4                     | 11.819 | 709150 | 50.0 |
| Naphthalene, 2,... | 16.420 | 5.1     | ug/l  | 71800    | 4                     | 11.819 | 709150 | 50.0 |