

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV091318\  
 Data File : VV007523.D  
 Acq On : 13 Sep 2018 21:31  
 Operator : SY/MD  
 Sample : J4864-02  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0D08

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\SOMVTR091318WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

| 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         | 1.319       | 61            | 71          | 98           | rBV      | 12876623       | 15130348      | 9.89%           | 4.523%        |
| 2         | 2.145       | 315           | 328         | 345          | rBV      | 3555671        | 5107281       | 3.34%           | 1.527%        |
| 3         | 2.537       | 437           | 450         | 487          | rBV      | 11036152       | 17877003      | 11.69%          | 5.345%        |
| 4         | 3.232       | 649           | 666         | 721          | rVB      | 5322244        | 11222213      | 7.34%           | 3.355%        |
| 5         | 3.984       | 854           | 900         | 965          | rBV5     | 39223406       | 152938583     | 100.00%         | 45.723%       |
| 6         | 4.669       | 1091          | 1113        | 1151         | rBV      | 9633696        | 23523358      | 15.38%          | 7.033%        |
| 7         | 5.975       | 1488          | 1519        | 1554         | rBV      | 29389122       | 59410204      | 38.85%          | 17.761%       |
| 8         | 7.434       | 1962          | 1973        | 1993         | rVB      | 1009617        | 1691056       | 1.11%           | 0.506%        |
| 9         | 9.061       | 2464          | 2479        | 2501         | rBV      | 3599138        | 5603727       | 3.66%           | 1.675%        |
| 10        | 9.187       | 2503          | 2518        | 2536         | rVV      | 10739592       | 17135196      | 11.20%          | 5.123%        |
| 11        | 9.592       | 2631          | 2644        | 2664         | rBV      | 4689983        | 7279999       | 4.76%           | 2.176%        |
| 12        | 11.293      | 3162          | 3173        | 3191         | rVB3     | 1298639        | 2071543       | 1.35%           | 0.619%        |
| 13        | 13.556      | 3862          | 3877        | 3901         | rBV      | 8347081        | 13005131      | 8.50%           | 3.888%        |
| 14        | 14.685      | 4216          | 4228        | 4239         | rBV      | 1537133        | 2495376       | 1.63%           | 0.746%        |

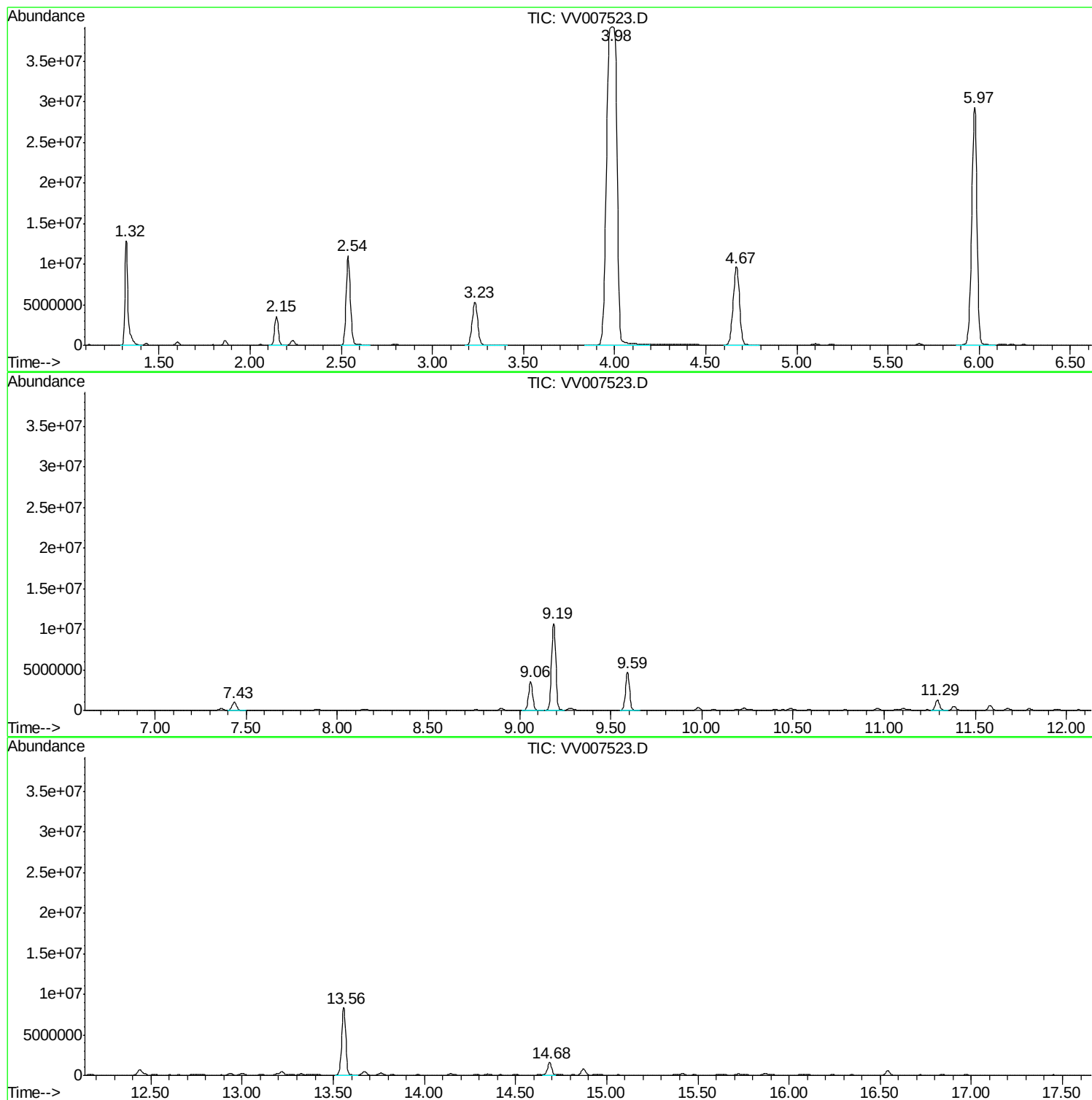
Sum of corrected areas: 334491018

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091318WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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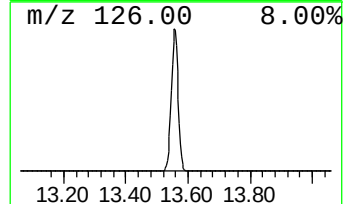
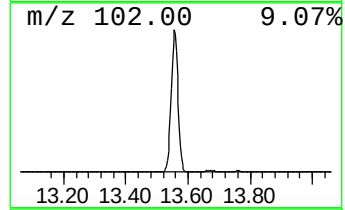
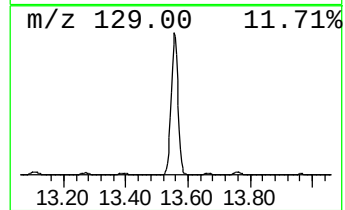
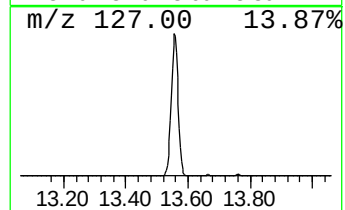
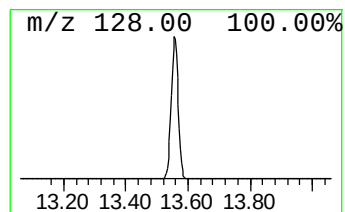
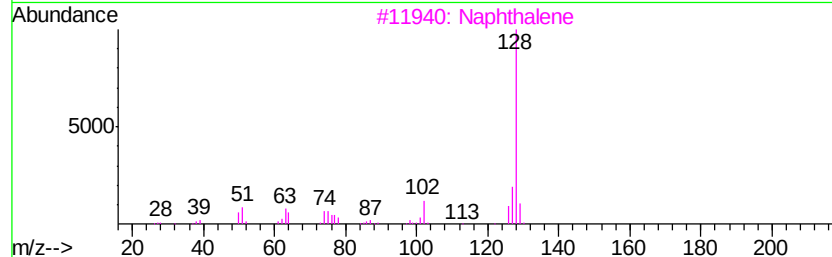
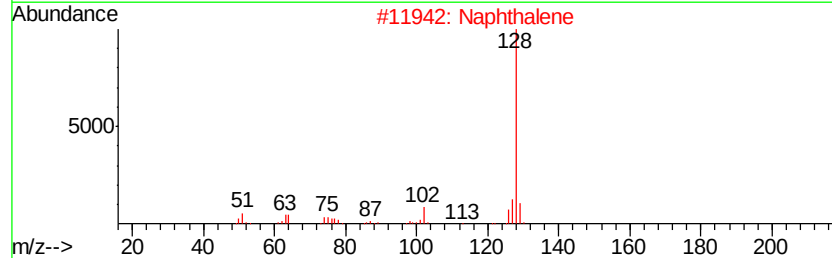
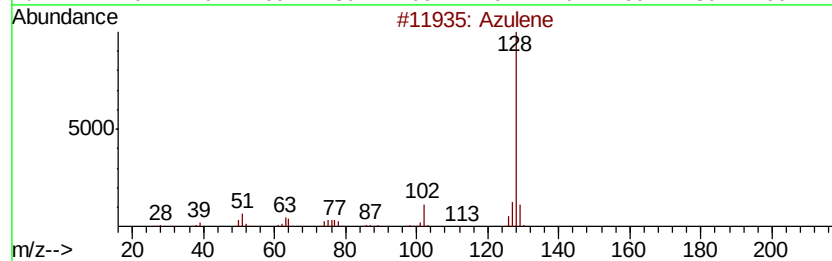
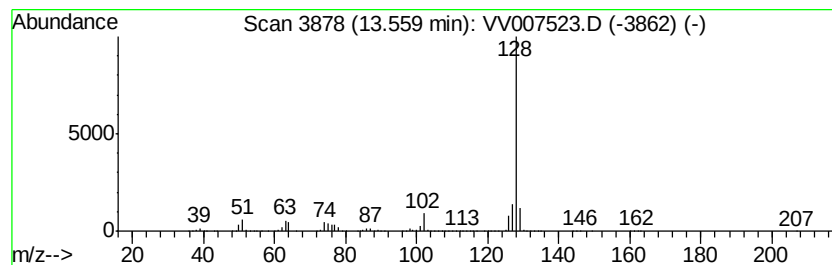
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0D08

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091318WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Azulene Concentration Rank 1

| R.T.    | EstConc     | Area         | Relative to ISTD       | R.T.           |
|---------|-------------|--------------|------------------------|----------------|
| 13.56   | 31.39 ug/L  | 13005100     | 1,4-Dichlorobenzene-d4 | 11.30          |
| Hit# of | 5           | Tentative ID | MW MolForm             | CAS# Qual      |
| 1       | Azulene     |              | 128 C10H8              | 000275-51-4 95 |
| 2       | Naphthalene |              | 128 C10H8              | 000091-20-3 95 |
| 3       | Naphthalene |              | 128 C10H8              | 000091-20-3 94 |
| 4       | Azulene     |              | 128 C10H8              | 000275-51-4 91 |
| 5       | Azulene     |              | 128 C10H8              | 000275-51-4 91 |



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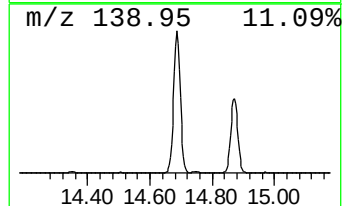
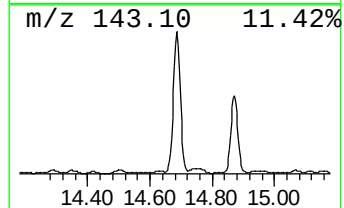
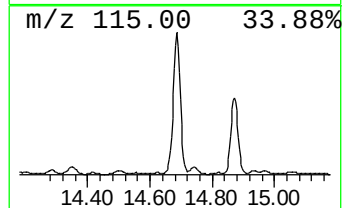
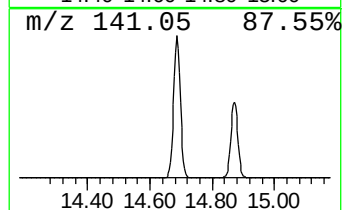
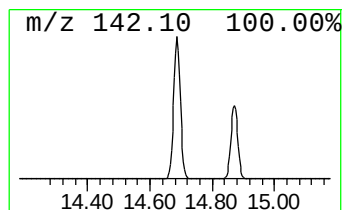
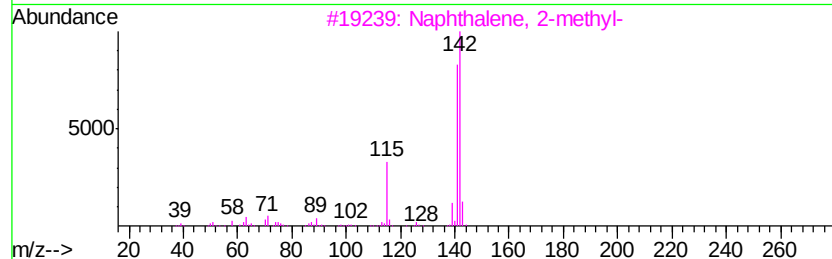
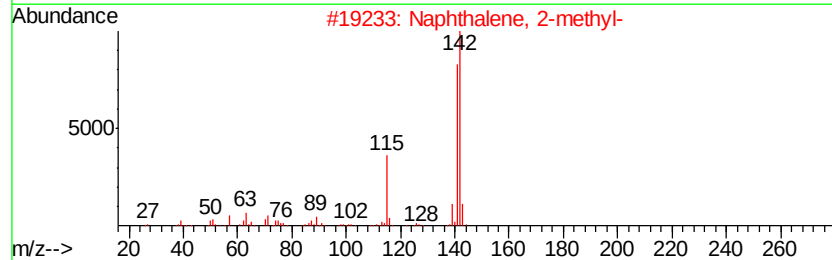
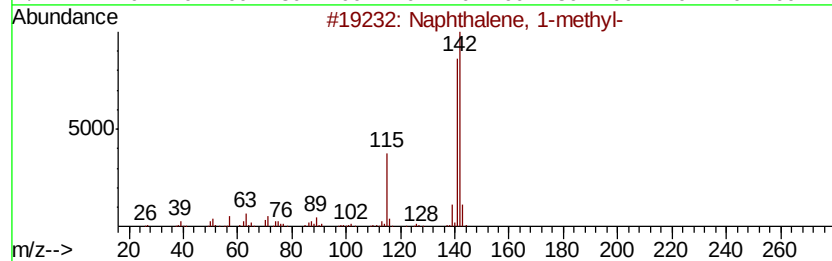
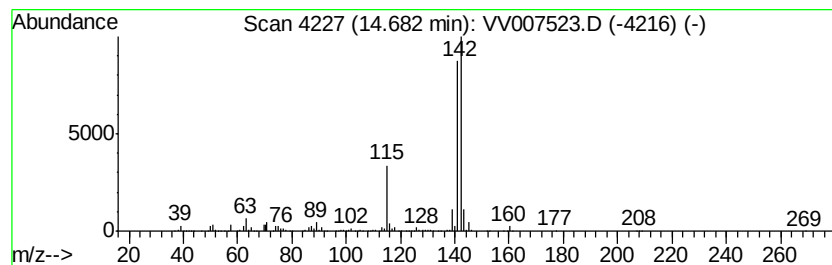
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 2

| R.T.    | EstConc   | Area                   | Relative to ISTD       | R.T.           |
|---------|-----------|------------------------|------------------------|----------------|
| 14.68   | 6.02 ug/L | 2495380                | 1,4-Dichlorobenzene-d4 | 11.30          |
| 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 96 |
| 3       |           | Naphthalene, 2-methyl- | 142 C11H10             | 000091-57-6 96 |
| 4       |           | Naphthalene, 2-methyl- | 142 C11H10             | 000091-57-6 94 |
| 5       |           | Naphthalene, 1-methyl- | 142 C11H10             | 000090-12-0 94 |



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Quant Title : TRACE VOA SOM01.0

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Azulene              | 13.56 | 31.4    | ug/L  | 13005100 | 3                     | 11.30 | 2071540 | 5.0  |
| Naphthalene, 1-me... | 14.68 | 6.0     | ug/L  | 2495380  | 3                     | 11.30 | 2071540 | 5.0  |