

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041624\  
 Data File : VU058728.D  
 Acq On : 16 Apr 2024 19:59  
 Operator : MD/SY  
 Sample : P2143-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AQ7

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\_U\Method\SFAMUTR040424WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU058728.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         | 1.592       | 86            | 94          | 104          | rBV      | 20558          | 23296         | 2.22%           | 0.722%        |
| 2         | 1.904       | 184           | 191         | 202          | rVB      | 23831          | 29180         | 2.78%           | 0.904%        |
| 3         | 2.560       | 383           | 395         | 409          | rBV2     | 34166          | 60083         | 5.72%           | 1.862%        |
| 4         | 3.036       | 528           | 543         | 562          | rBV      | 43713          | 83720         | 7.97%           | 2.595%        |
| 5         | 4.618       | 1024          | 1035        | 1067         | rBV      | 35452          | 107333        | 10.22%          | 3.327%        |
| 6         | 5.052       | 1156          | 1170        | 1189         | rBV      | 47647          | 107642        | 10.25%          | 3.337%        |
| 7         | 5.718       | 1358          | 1377        | 1398         | rBV2     | 81338          | 216414        | 20.61%          | 6.708%        |
| 8         | 6.242       | 1526          | 1540        | 1561         | rBV      | 95084          | 185202        | 17.64%          | 5.741%        |
| 9         | 6.531       | 1614          | 1630        | 1657         | rBV      | 542659         | 1049988       | 100.00%         | 32.546%       |
| 10        | 6.682       | 1665          | 1677        | 1698         | rVB      | 58328          | 116759        | 11.12%          | 3.619%        |
| 11        | 7.560       | 1940          | 1950        | 1969         | rBV      | 26123          | 45552         | 4.34%           | 1.412%        |
| 12        | 7.891       | 2042          | 2053        | 2071         | rBV      | 81372          | 144013        | 13.72%          | 4.464%        |
| 13        | 8.177       | 2131          | 2142        | 2156         | rBV      | 12035          | 21077         | 2.01%           | 0.653%        |
| 14        | 8.547       | 2247          | 2257        | 2269         | rBV2     | 15994          | 27013         | 2.57%           | 0.837%        |
| 15        | 8.631       | 2270          | 2283        | 2319         | rBV3     | 117300         | 252220        | 24.02%          | 7.818%        |
| 16        | 9.412       | 2514          | 2526        | 2557         | rBV      | 164302         | 291519        | 27.76%          | 9.036%        |
| 17        | 9.692       | 2602          | 2613        | 2624         | rBV2     | 12892          | 22332         | 2.13%           | 0.692%        |
| 18        | 10.097      | 2730          | 2739        | 2751         | rVB2     | 7240           | 11658         | 1.11%           | 0.361%        |
| 19        | 10.750      | 2931          | 2942        | 2958         | rBV      | 38690          | 62779         | 5.98%           | 1.946%        |
| 20        | 11.807      | 3259          | 3271        | 3290         | rBV      | 124121         | 204021        | 19.43%          | 6.324%        |
| 21        | 12.187      | 3378          | 3389        | 3409         | rVB      | 83815          | 141963        | 13.52%          | 4.400%        |
| 22        | 17.093      | 4902          | 4915        | 4927         | rBV2     | 13056          | 22412         | 2.13%           | 0.695%        |

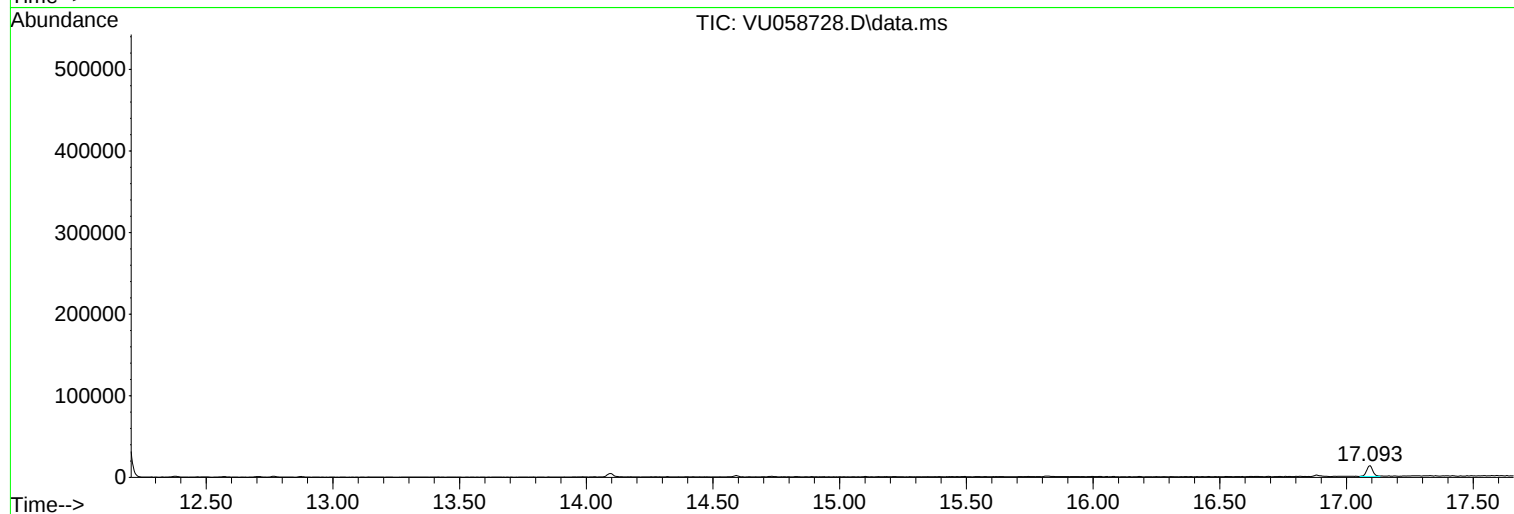
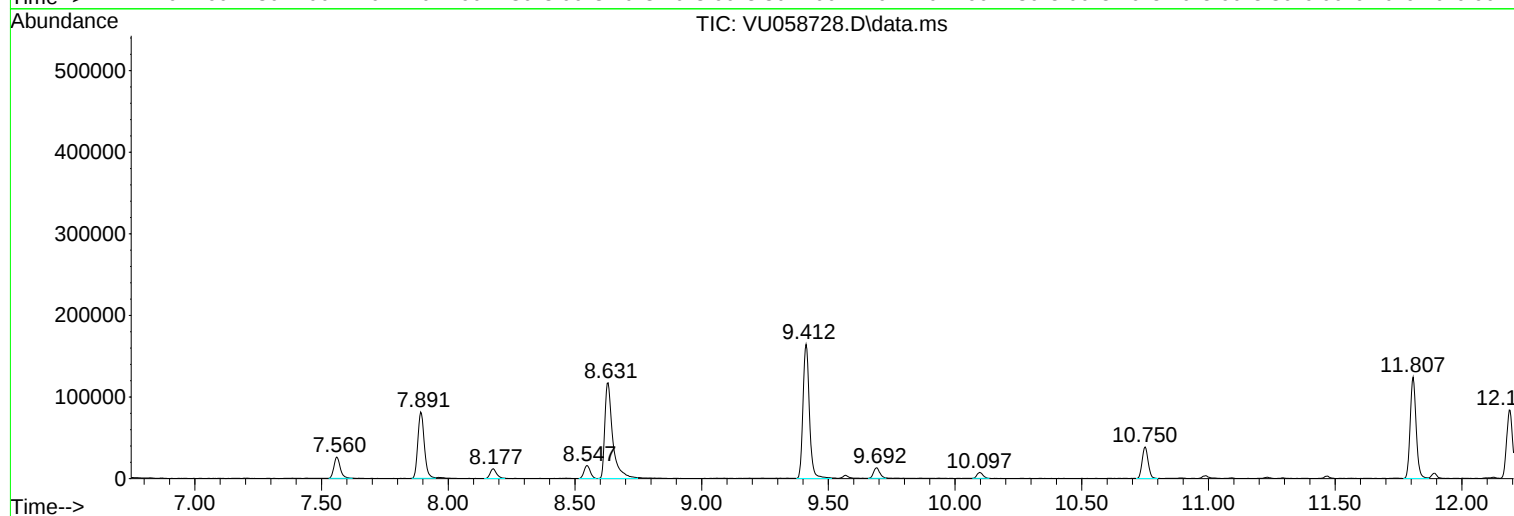
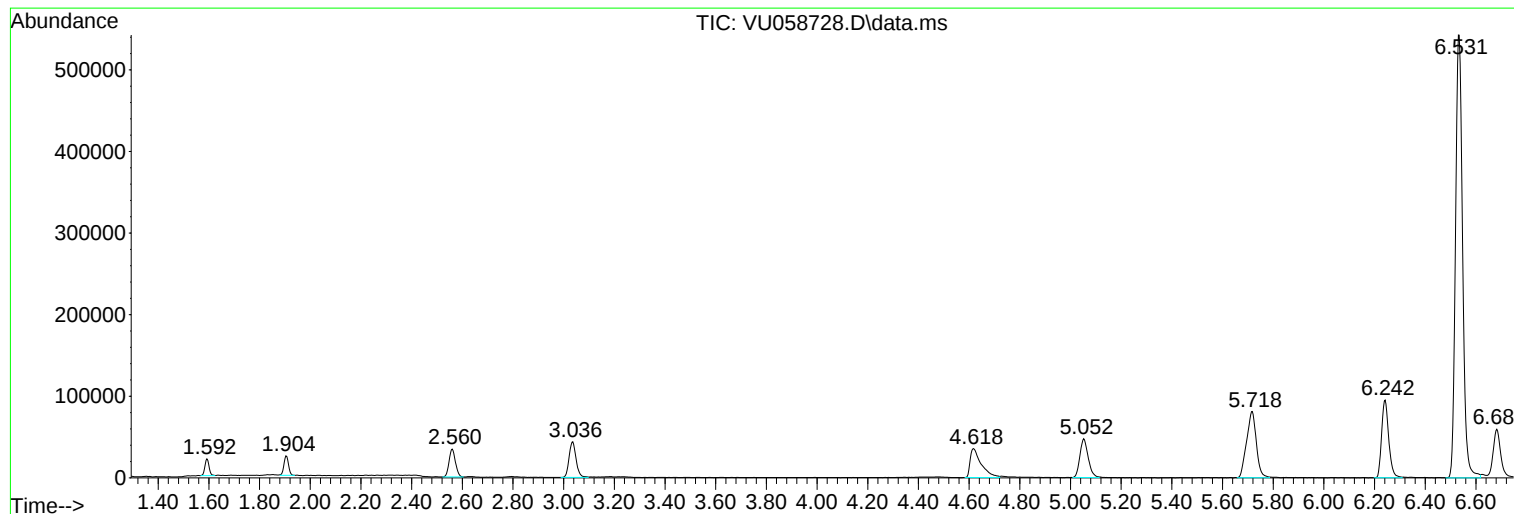
Sum of corrected areas: 3226176

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ClientSampleId :  
C0AQ7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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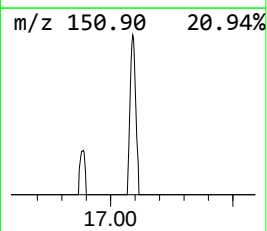
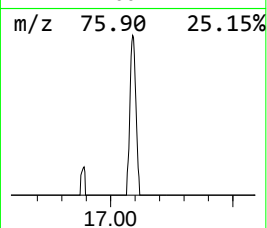
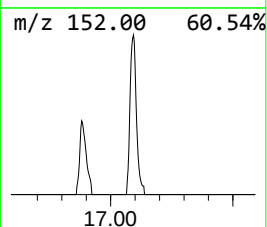
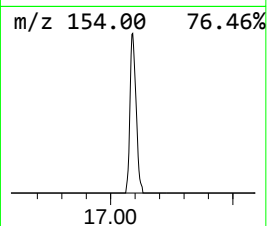
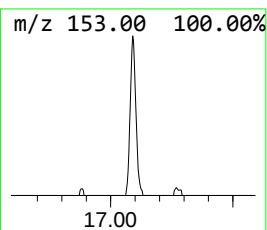
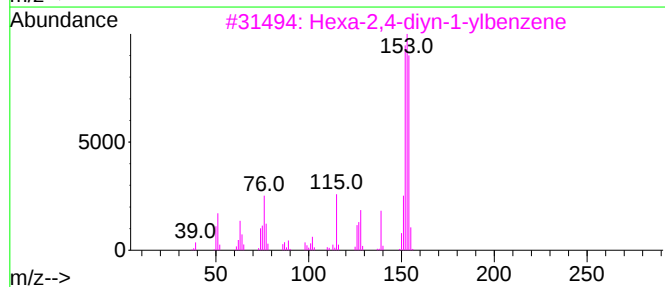
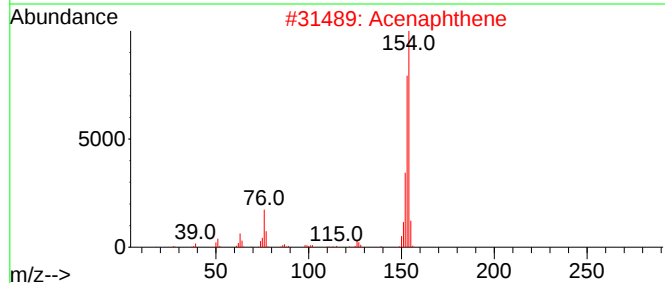
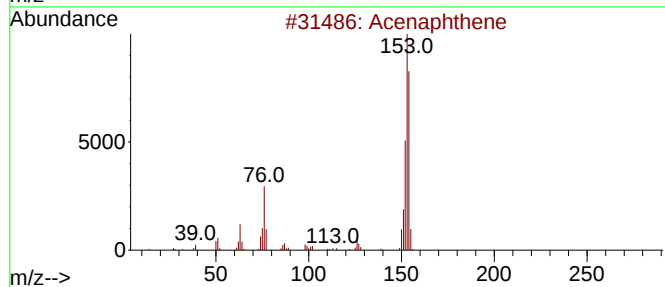
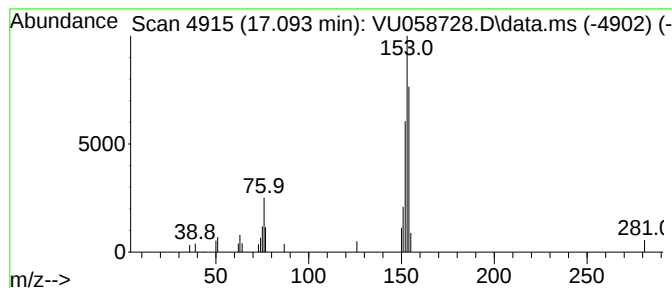
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 17.093 | 0.55 ug/L | 22412 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------|-----|----------|-------------|------|
| 1    |    |   | Acenaphthene                    | 154 | C12H10   | 000083-32-9 | 70   |
| 2    |    |   | Acenaphthene                    | 154 | C12H10   | 000083-32-9 | 59   |
| 3    |    |   | Hexa-2,4-diyn-1-ylbenzene       | 154 | C12H10   | 000520-74-1 | 58   |
| 4    |    |   | Naphthalene, 2-ethenyl-         | 154 | C12H10   | 000827-54-3 | 52   |
| 5    |    |   | .beta.-(1-Naphthyl)acrylic acid | 198 | C13H10O2 | 013026-12-5 | 50   |



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| TIC Top Hit name    | RT     | EstConc | Units | Response | --Internal Standard--- |        |        |      |
|---------------------|--------|---------|-------|----------|------------------------|--------|--------|------|
|                     |        |         |       |          | #                      | RT     | Resp   | Conc |
| Hexa-2,4-diyne-1... | 17.093 | 0.6     | ug/L  | 22412    | 3                      | 11.807 | 204021 | 5.0  |