

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\  
 Data File : VD066458.D  
 Acq On : 28 Aug 2020 14:27  
 Operator : VA/SY  
 Sample : L3827-07  
 Misc : 6.61G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 789UMR-TP11-0006-01

## 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\_D\METHOD\82D082120S.M  
 Title : SW846 8260

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         | 4.956       | 507           | 516         | 518          | rBV3     | 8597           | 16913         | 2.12%           | 0.358%        |
| 2         | 5.991       | 684           | 692         | 702          | rVB4     | 5293           | 15539         | 1.95%           | 0.329%        |
| 3         | 7.197       | 883           | 897         | 908          | rBV      | 18927          | 54359         | 6.83%           | 1.150%        |
| 4         | 7.909       | 1009          | 1018        | 1023         | rBV2     | 119661         | 283555        | 35.62%          | 6.000%        |
| 5         | 7.973       | 1023          | 1029        | 1043         | rVB      | 236253         | 546151        | 68.62%          | 11.557%       |
| 6         | 8.326       | 1073          | 1089        | 1098         | rBV3     | 105215         | 310818        | 39.05%          | 6.577%        |
| 7         | 8.861       | 1171          | 1180        | 1193         | rBV      | 308416         | 619726        | 77.86%          | 13.114%       |
| 8         | 10.332      | 1420          | 1430        | 1450         | rBV      | 425512         | 795960        | 100.00%         | 16.843%       |
| 9         | 10.720      | 1489          | 1496        | 1506         | rBV2     | 57738          | 108736        | 13.66%          | 2.301%        |
| 10        | 11.085      | 1552          | 1558        | 1563         | rBV      | 19798          | 29836         | 3.75%           | 0.631%        |
| 11        | 11.197      | 1570          | 1577        | 1581         | rBV4     | 5034           | 9526          | 1.20%           | 0.202%        |
| 12        | 11.461      | 1616          | 1622        | 1627         | rVB4     | 15975          | 30148         | 3.79%           | 0.638%        |
| 13        | 11.644      | 1645          | 1653        | 1662         | rBV      | 400102         | 680443        | 85.49%          | 14.398%       |
| 14        | 11.744      | 1665          | 1670        | 1673         | rBV2     | 9613           | 14601         | 1.83%           | 0.309%        |
| 15        | 11.850      | 1679          | 1688        | 1697         | rVB2     | 29734          | 61244         | 7.69%           | 1.296%        |
| 16        | 12.179      | 1736          | 1744        | 1751         | rVB3     | 16944          | 26629         | 3.35%           | 0.563%        |
| 17        | 12.632      | 1814          | 1821        | 1829         | rBV      | 344927         | 569125        | 71.50%          | 12.043%       |
| 18        | 13.579      | 1975          | 1982        | 1989         | rVB      | 330955         | 552534        | 69.42%          | 11.692%       |

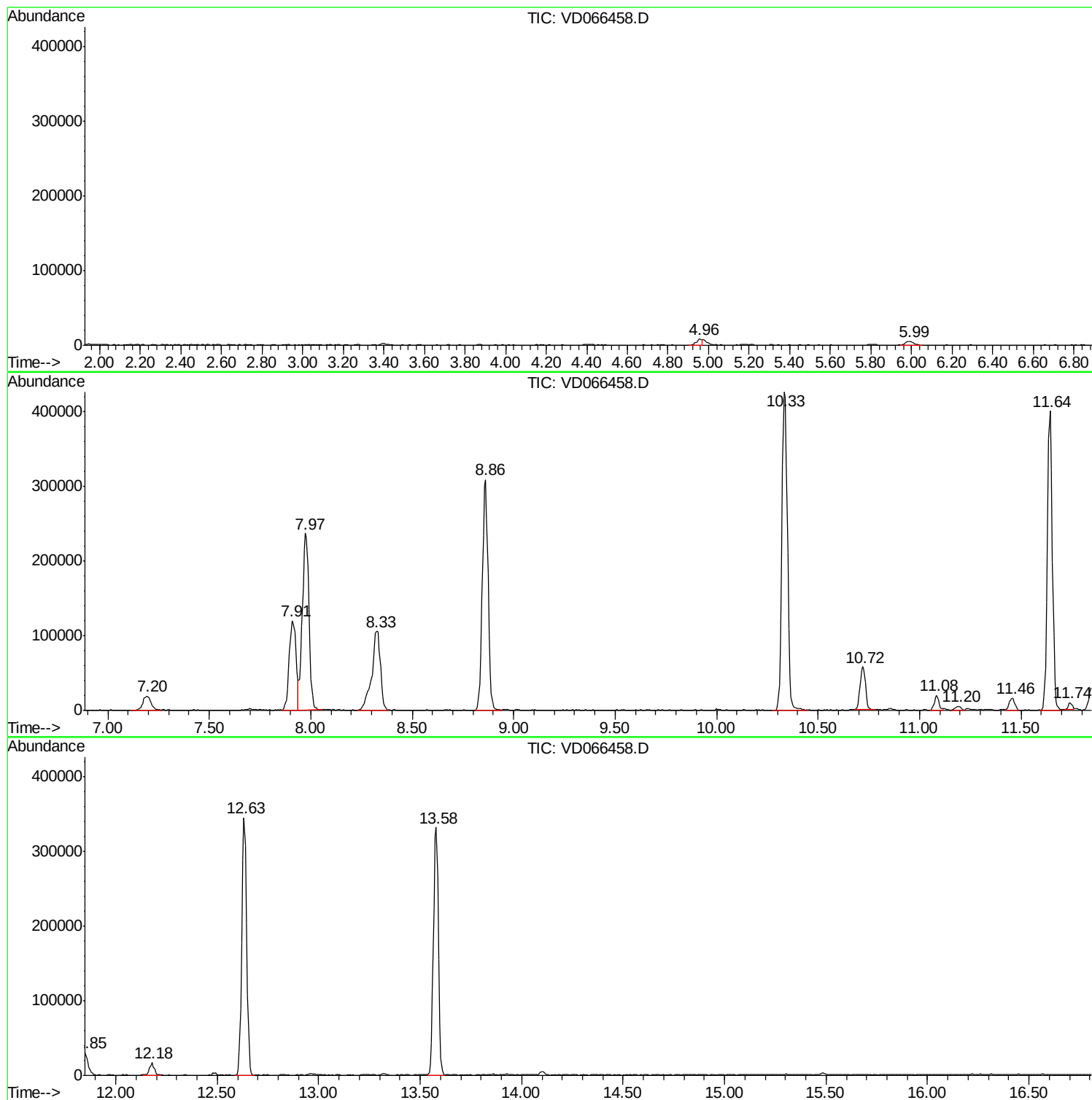
Sum of corrected areas: 4725843

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
Quant Title : SW846 8260

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



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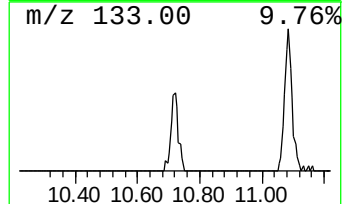
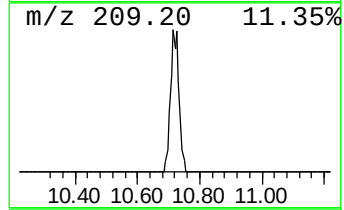
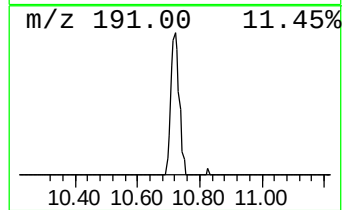
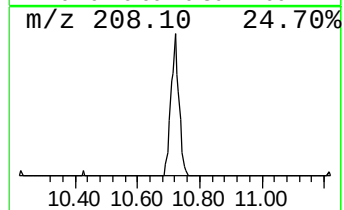
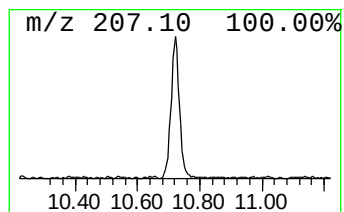
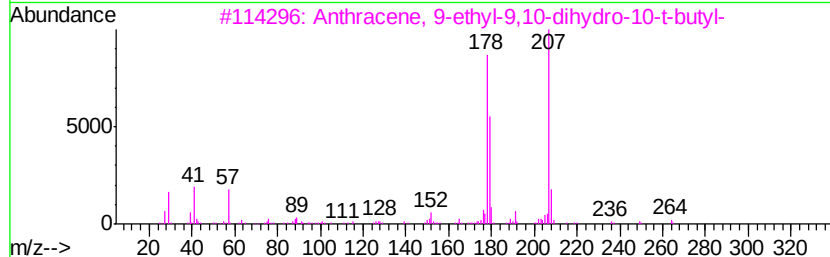
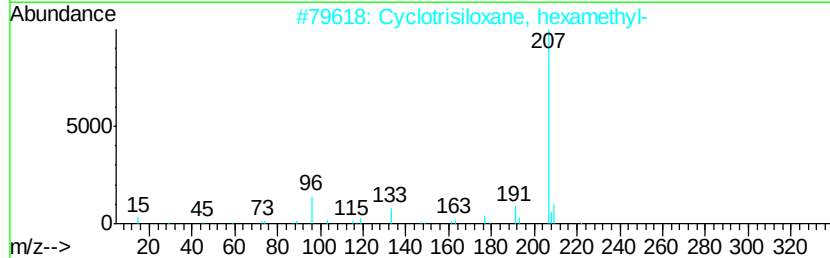
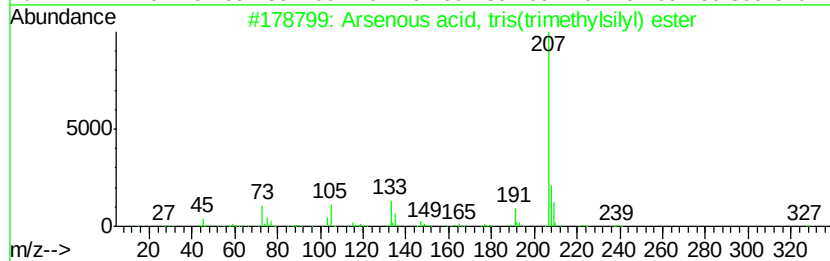
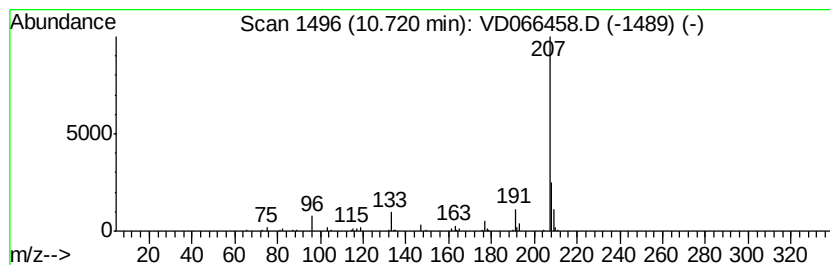
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Arsenous acid, tris(trimeth... Concentration Rank 1

| R.T.    | EstConc   | Area                                | Relative to ISTD | R.T.         |              |      |
|---------|-----------|-------------------------------------|------------------|--------------|--------------|------|
| 10.72   | 7.99 ug/l | 108736                              | Chlorobenzene-d5 | 11.64        |              |      |
| Hit# of | 5         | Tentative ID                        | MW               | MolForm      | CAS#         | Qual |
| 1       |           | Arsenous acid, tris(trimethylsil... | 342              | C9H27AsO3Si3 | 055429-29-3  | 78   |
| 2       |           | Cyclotrisiloxane, hexamethyl-       | 222              | C6H18O3Si3   | 000541-05-9  | 72   |
| 3       |           | Anthracene, 9-ethyl-9,10-dihydro... | 264              | C20H24       | 1000154-57-7 | 39   |
| 4       |           | Benzo[h]quinoline, 2,4-dimethyl-    | 207              | C15H13N      | 000605-67-4  | 38   |
| 5       |           | 2-Ethylacridine                     | 207              | C15H13N      | 055751-83-2  | 36   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Arsenous acid, tr... | 10.72 | 8.0     | ug/l  | 108736   | 3                     | 11.64 | 680443 | 50.0 |