

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080222\  
 Data File : VX030349.D  
 Acq On : 02 Aug 2022 13:57  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

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\_X\Method\82X072522W.M  
 Title : SW846 8260

Signal : TIC: VX030349.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         | 1.240       | 21            | 25          | 35           | rBV      | 37367          | 60530         | 4.68%           | 0.833%        |
| 2         | 2.947       | 295           | 305         | 316          | rBV2     | 27044          | 63550         | 4.91%           | 0.875%        |
| 3         | 4.593       | 564           | 575         | 581          | rBV4     | 4779           | 17020         | 1.31%           | 0.234%        |
| 4         | 5.391       | 694           | 706         | 722          | rBV2     | 140950         | 408435        | 31.55%          | 5.624%        |
| 5         | 5.556       | 722           | 733         | 751          | rVB2     | 164060         | 469111        | 36.24%          | 6.459%        |
| 6         | 5.958       | 789           | 799         | 814          | rBV      | 167998         | 452733        | 34.97%          | 6.233%        |
| 7         | 6.763       | 922           | 931         | 945          | rBV      | 262994         | 630931        | 48.74%          | 8.687%        |
| 8         | 8.653       | 1234          | 1241        | 1249         | rBV      | 846156         | 1294516       | 100.00%         | 17.823%       |
| 9         | 10.055      | 1465          | 1471        | 1482         | rBV      | 617559         | 827764        | 63.94%          | 11.397%       |
| 10        | 11.085      | 1634          | 1640        | 1646         | rBV      | 643775         | 818580        | 63.23%          | 11.271%       |
| 11        | 12.024      | 1788          | 1794        | 1800         | rBV      | 847050         | 1017541       | 78.60%          | 14.010%       |
| 12        | 12.244      | 1825          | 1830        | 1831         | rBV4     | 10308          | 14931         | 1.15%           | 0.206%        |
| 13        | 12.859      | 1912          | 1931        | 1948         | rBV3     | 110253         | 575062        | 44.42%          | 7.918%        |
| 14        | 13.262      | 1994          | 1997        | 2000         | rBV5     | 13005          | 21838         | 1.69%           | 0.301%        |
| 15        | 13.676      | 2059          | 2065        | 2066         | rBV6     | 15397          | 25453         | 1.97%           | 0.350%        |
| 16        | 13.780      | 2077          | 2082        | 2092         | rVB      | 50876          | 83440         | 6.45%           | 1.149%        |
| 17        | 14.378      | 2173          | 2180        | 2183         | rBV8     | 7178           | 15103         | 1.17%           | 0.208%        |
| 18        | 14.530      | 2197          | 2205        | 2206         | rBV8     | 7568           | 14721         | 1.14%           | 0.203%        |
| 19        | 14.640      | 2214          | 2223        | 2229         | rBV3     | 48200          | 96308         | 7.44%           | 1.326%        |
| 20        | 14.780      | 2242          | 2246        | 2252         | rVB2     | 25504          | 38106         | 2.94%           | 0.525%        |
| 21        | 14.914      | 2259          | 2268        | 2274         | rBV7     | 16256          | 47746         | 3.69%           | 0.657%        |
| 22        | 15.207      | 2313          | 2316        | 2322         | rVB      | 21091          | 30864         | 2.38%           | 0.425%        |
| 23        | 15.316      | 2327          | 2334        | 2335         | rBV4     | 15308          | 28439         | 2.20%           | 0.392%        |
| 24        | 15.481      | 2356          | 2361        | 2366         | rBV4     | 14242          | 27784         | 2.15%           | 0.383%        |
| 25        | 15.987      | 2440          | 2444        | 2451         | rVB6     | 13480          | 30011         | 2.32%           | 0.413%        |
| 26        | 16.091      | 2457          | 2461        | 2466         | rVB4     | 13470          | 23231         | 1.79%           | 0.320%        |
| 27        | 16.194      | 2475          | 2478        | 2485         | rVB7     | 8499           | 14794         | 1.14%           | 0.204%        |
| 28        | 16.328      | 2493          | 2500        | 2508         | rBV5     | 21942          | 52594         | 4.06%           | 0.724%        |
| 29        | 16.688      | 2549          | 2559        | 2569         | rVB7     | 18473          | 61858         | 4.78%           | 0.852%        |

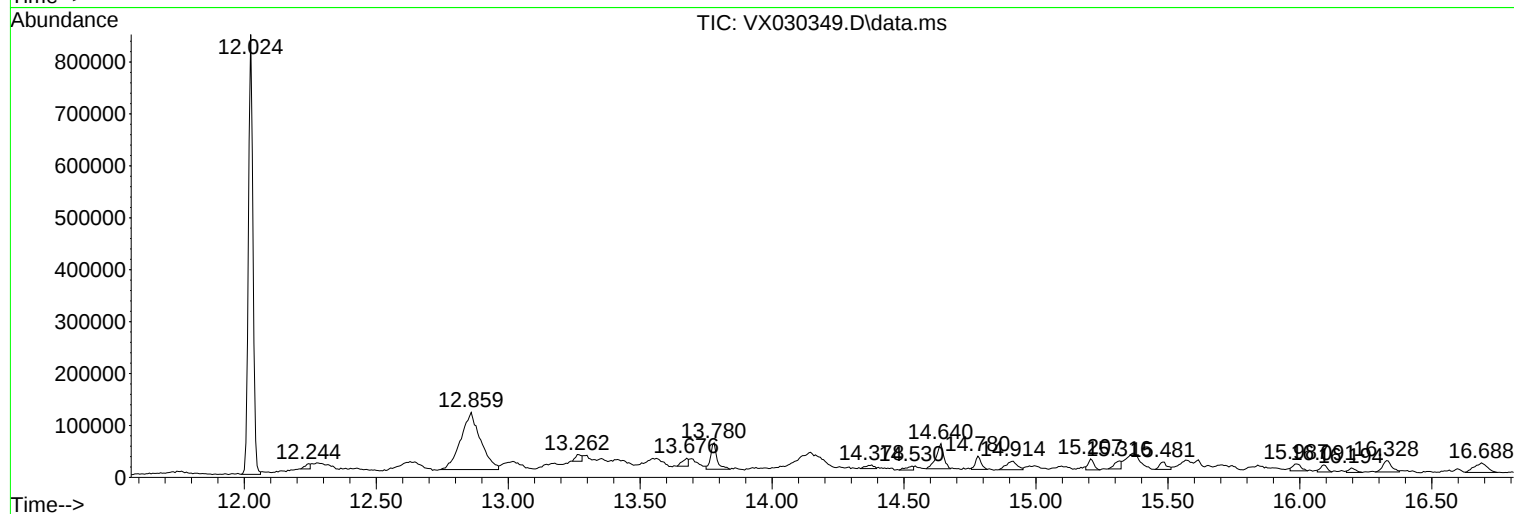
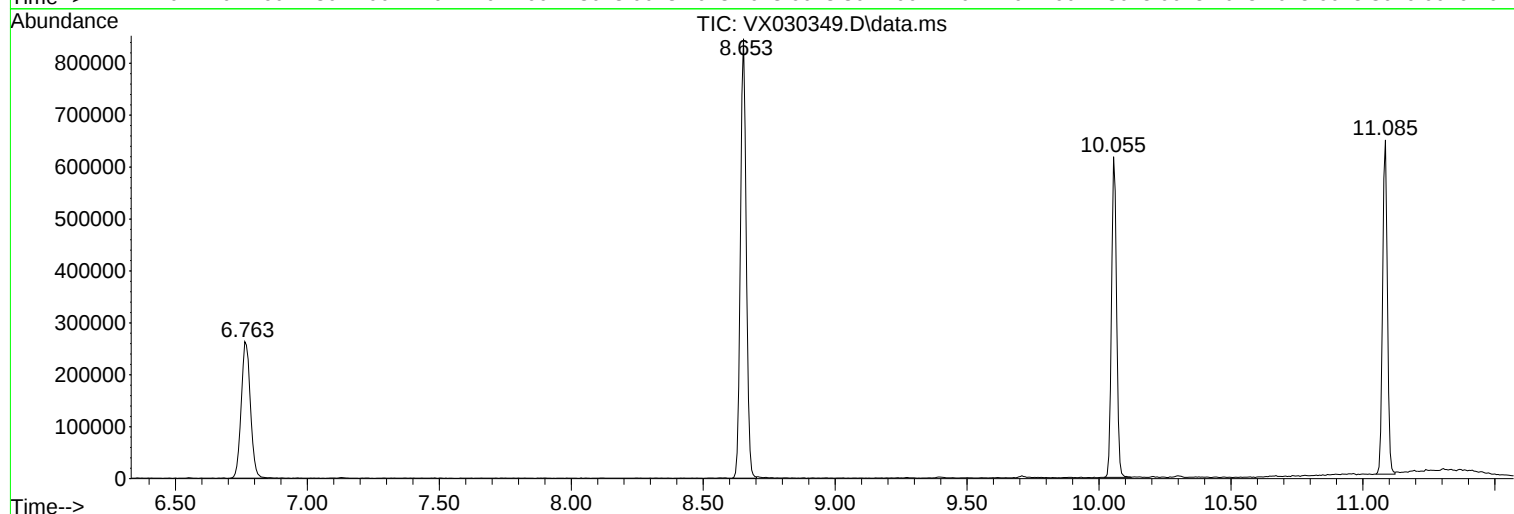
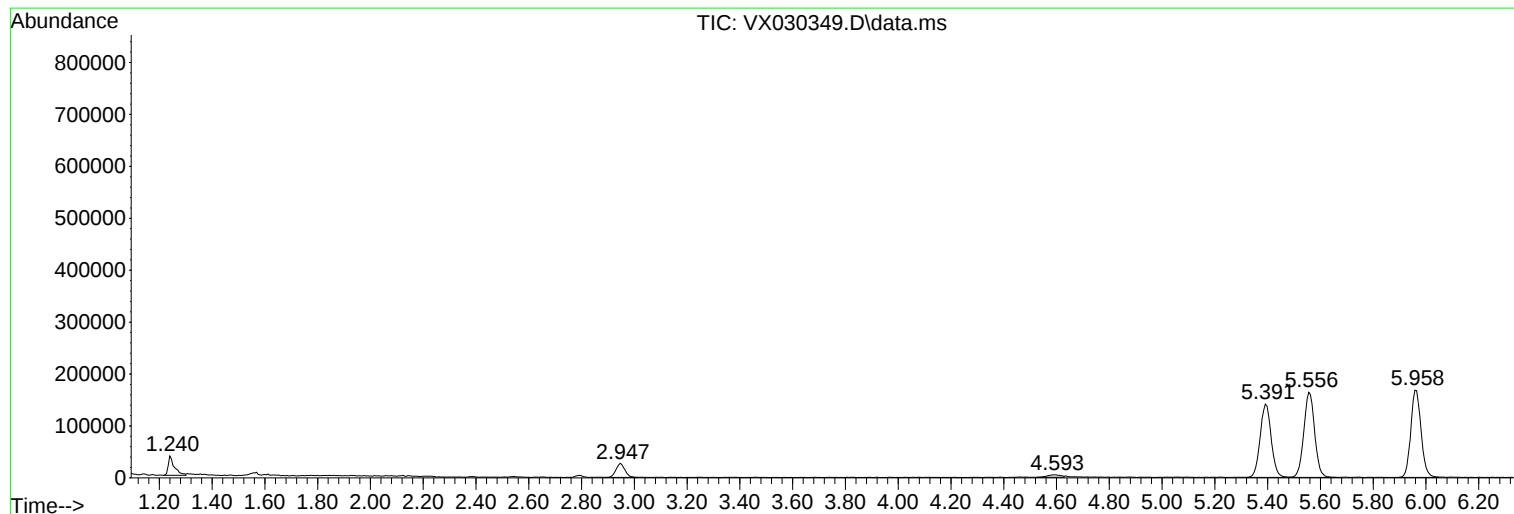
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Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
Quant Title : SW846 8260

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



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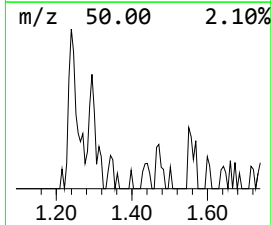
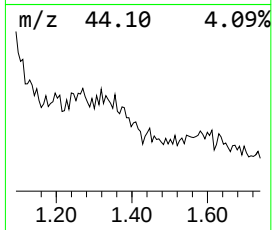
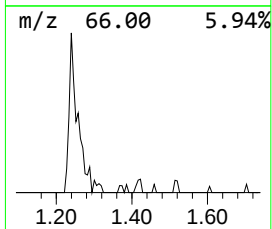
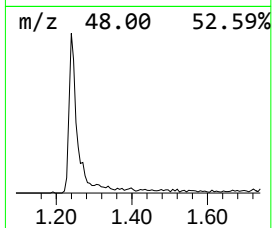
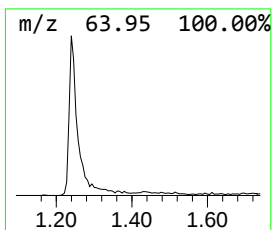
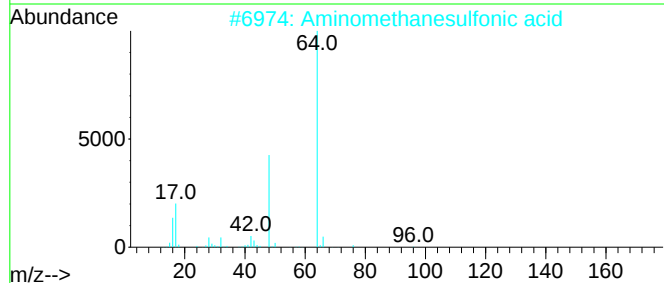
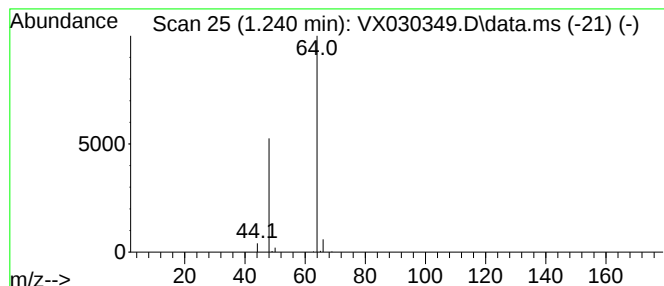
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Peak Number 1 Sulfur dioxide Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 1.240 | 6.45 ug/l | 60530 | Pentafluorobenzene | 5.556 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 90   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5    |    |   | Ethene, 1,2-difluoro-     | 64  | C2H2F2   | 001691-13-0 | 3    |



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Quant Title : SW846 8260

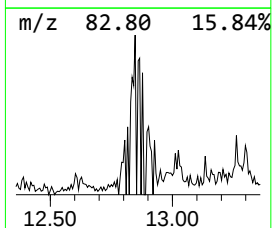
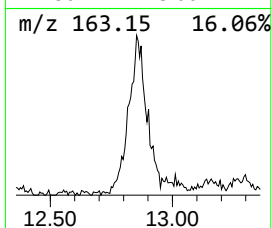
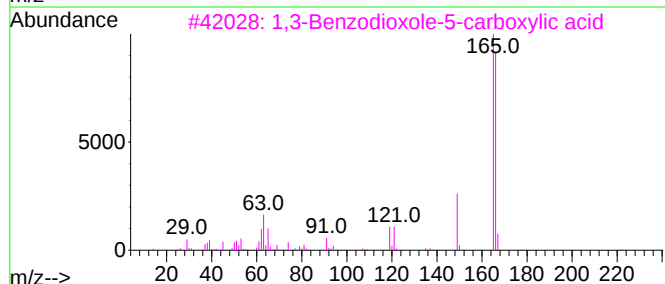
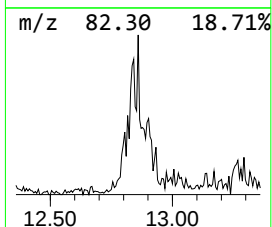
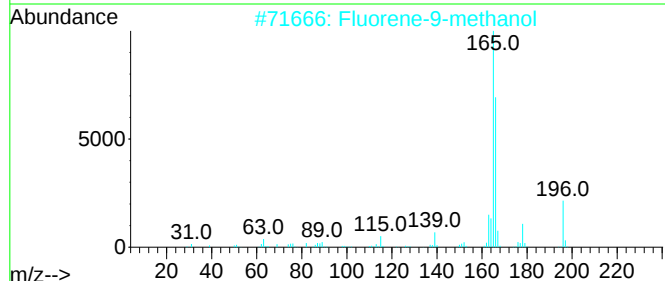
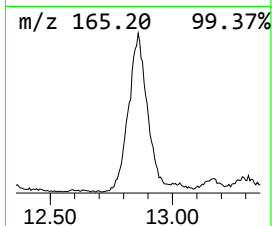
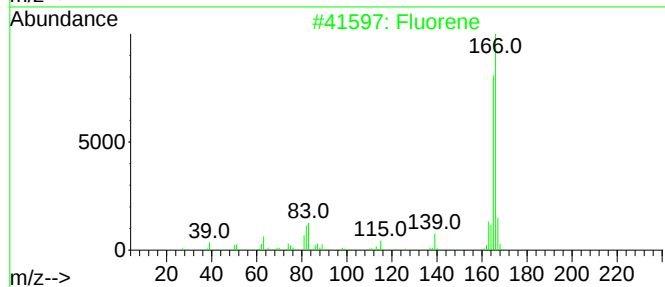
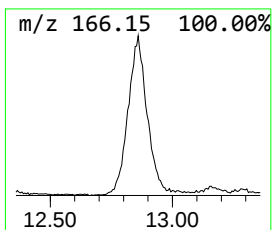
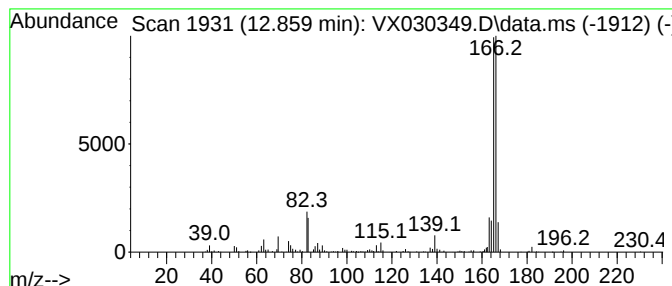
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Peak Number 3 Fluorene Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.860 | 28.26 ug/l | 575062 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Fluorene                           | 166 | C13H10  | 000086-73-7 | 95   |
| 2    |    |   | Fluorene-9-methanol                | 196 | C14H12O | 024324-17-2 | 80   |
| 3    |    |   | 1,3-Benzodioxole-5-carboxylic acid | 166 | C8H6O4  | 000094-53-1 | 53   |
| 4    |    |   | Benzene, 5-heptene-1,3-diyn-1-yl-  | 166 | C13H10  | 013678-98-3 | 50   |
| 5    |    |   | 1H-Phenylene                       | 166 | C13H10  | 000203-80-5 | 46   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Sulfur dioxide   | 1.240  | 6.5     | ug/l  | 60530    | 1                     | 5.556  | 469111  | 50.0 |
| Fluorene         | 12.860 | 28.3    | ug/l  | 575062   | 4                     | 12.024 | 1017540 | 50.0 |