

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031522\  
 Data File : VD072208.D  
 Acq On : 16 Mar 2022 01:16  
 Operator : VA/SY  
 Sample : N1922-01  
 Misc : 5.62G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 7PH-1-7.5-8

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\82D031122S.M

Title : SW846 8260

Signal : TIC: VD072208.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         | 1.950       | 3             | 5           | 10           | rVB      | 241876         | 247532        | 4.47%           | 0.987%        |
| 2         | 2.320       | 61            | 68          | 78           | rBV2     | 85698          | 177335        | 3.20%           | 0.707%        |
| 3         | 4.967       | 505           | 518         | 531          | rBV4     | 23928          | 84360         | 1.52%           | 0.336%        |
| 4         | 7.908       | 1008          | 1018        | 1023         | rBV      | 465221         | 1112467       | 20.07%          | 4.435%        |
| 5         | 7.973       | 1023          | 1029        | 1040         | rVB      | 889109         | 2008604       | 36.24%          | 8.007%        |
| 6         | 8.326       | 1079          | 1089        | 1100         | rBV      | 410552         | 939803        | 16.95%          | 3.746%        |
| 7         | 8.861       | 1171          | 1180        | 1195         | rBV      | 1324417        | 2636697       | 47.57%          | 10.511%       |
| 8         | 10.332      | 1422          | 1430        | 1438         | rBV      | 2041957        | 3706074       | 66.86%          | 14.774%       |
| 9         | 11.638      | 1644          | 1652        | 1662         | rBV      | 2061430        | 3513695       | 63.39%          | 14.007%       |
| 10        | 12.620      | 1808          | 1819        | 1829         | rBV      | 3397995        | 5543144       | 100.00%         | 22.097%       |
| 11        | 13.561      | 1972          | 1979        | 1991         | rVV      | 2159406        | 3530320       | 63.69%          | 14.073%       |
| 12        | 13.655      | 1991          | 1995        | 2000         | rVB2     | 47944          | 70250         | 1.27%           | 0.280%        |
| 13        | 14.084      | 2063          | 2068        | 2076         | rVB2     | 159856         | 268088        | 4.84%           | 1.069%        |
| 14        | 15.084      | 2230          | 2238        | 2241         | rBV8     | 29365          | 63746         | 1.15%           | 0.254%        |
| 15        | 15.190      | 2252          | 2256        | 2263         | rVB8     | 31360          | 64649         | 1.17%           | 0.258%        |
| 16        | 15.384      | 2284          | 2289        | 2293         | rBV      | 43248          | 73084         | 1.32%           | 0.291%        |
| 17        | 15.496      | 2304          | 2308        | 2320         | rVB      | 34701          | 100487        | 1.81%           | 0.401%        |
| 18        | 15.690      | 2331          | 2341        | 2344         | rBV6     | 35697          | 112209        | 2.02%           | 0.447%        |
| 19        | 15.979      | 2386          | 2390        | 2395         | rVB4     | 35145          | 60260         | 1.09%           | 0.240%        |
| 20        | 16.202      | 2422          | 2428        | 2434         | rBV5     | 48313          | 100672        | 1.82%           | 0.401%        |
| 21        | 16.473      | 2470          | 2474        | 2480         | rBV3     | 62077          | 109344        | 1.97%           | 0.436%        |
| 22        | 16.678      | 2501          | 2509        | 2522         | rVB4     | 207502         | 562677        | 10.15%          | 2.243%        |

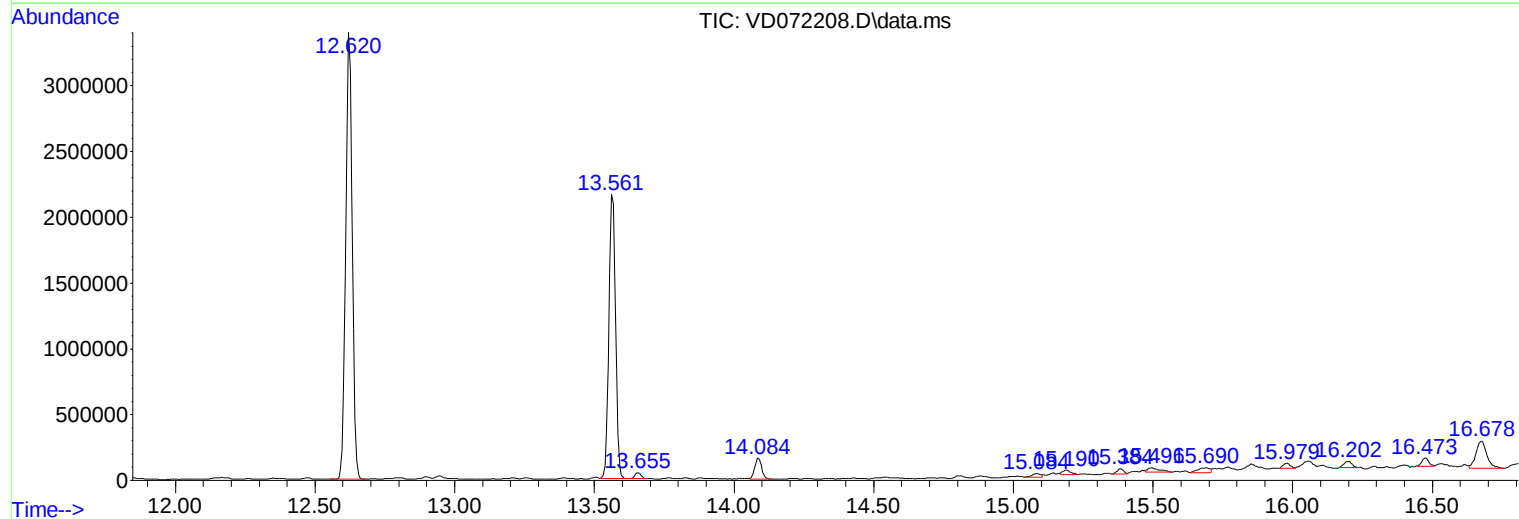
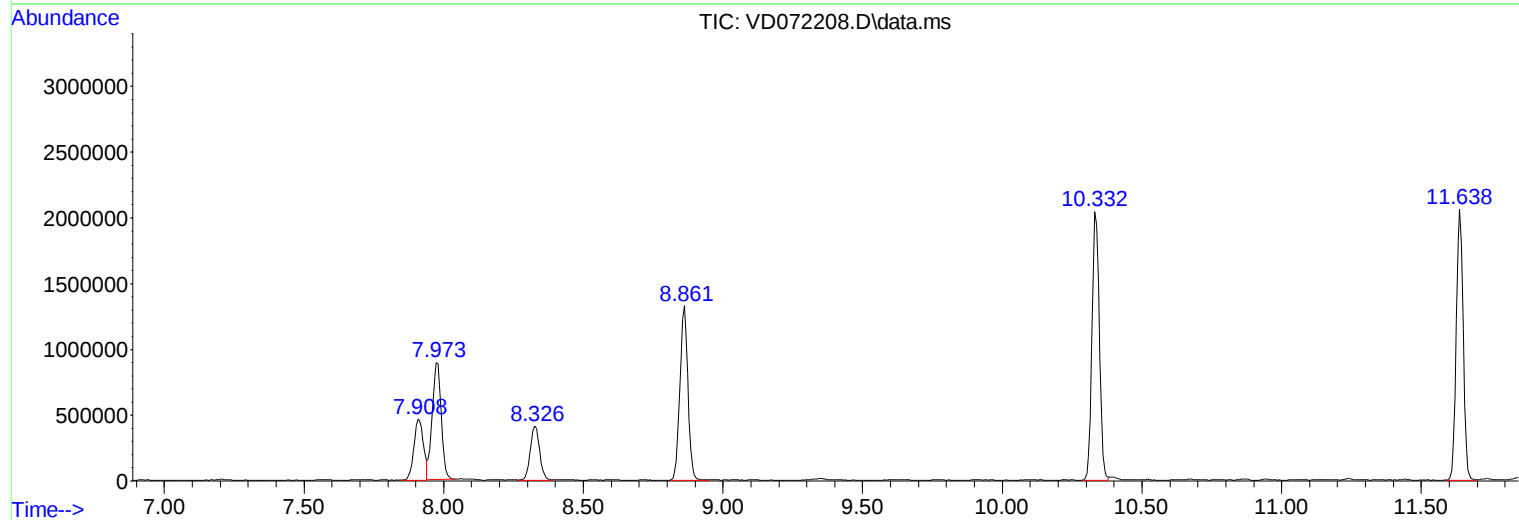
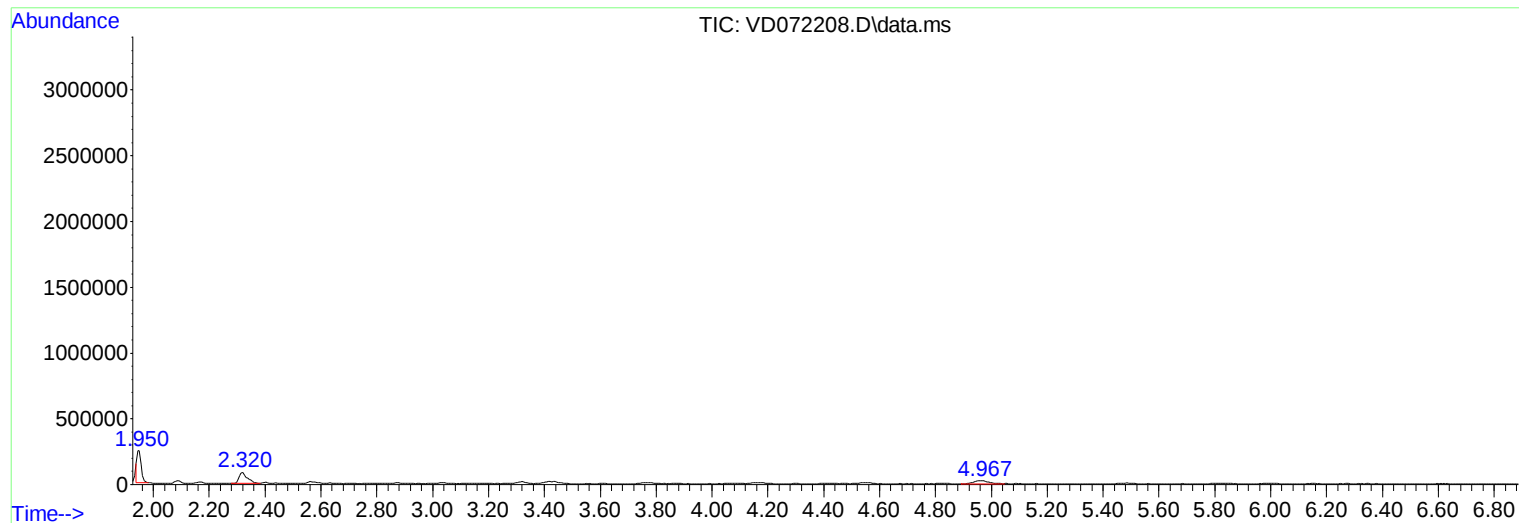
Sum of corrected areas: 25085497

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031522\  
Data File : VD072208.D  
Acq On : 16 Mar 2022 01:16  
Operator : VA/SY  
Sample : N1922-01  
Misc : 5.62G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
7PH-1-7.5-8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031522\  
Data File : VD072208.D  
Acq On : 16 Mar 2022 01:16  
Operator : VA/SY  
Sample : N1922-01  
Misc : 5.62G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
7PH-1-7.5-8

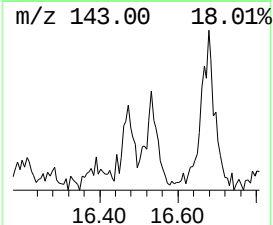
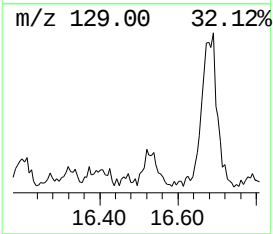
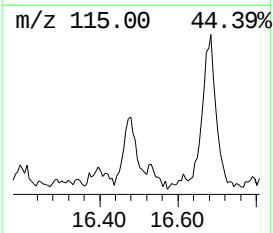
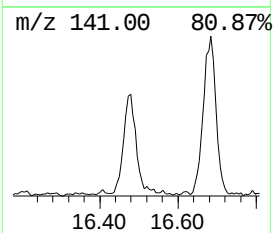
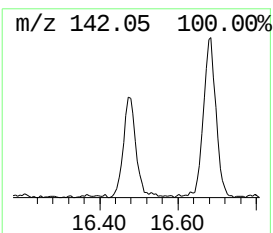
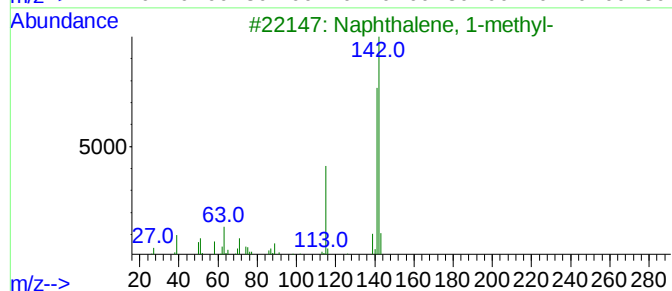
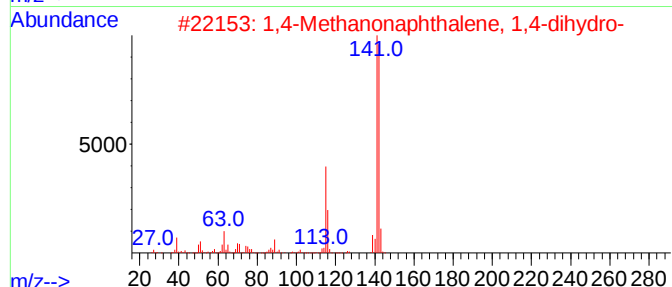
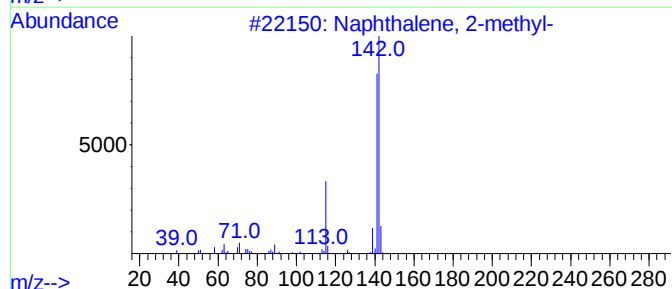
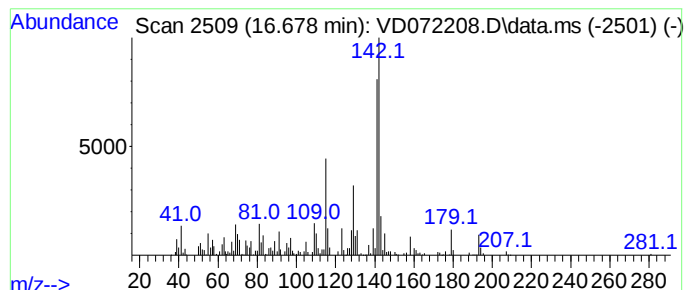
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 1,4-Methanonaphthalene, 1,4... Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.679 | 7.97 ug/l | 562677 | 1,4-Dichlorobenzene-d4 | 13.561 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 93   |
| 2         | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 89   |
| 3         | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 81   |
| 4         | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 68   |
| 5         | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031522\  
Data File : VD072208.D  
Acq On : 16 Mar 2022 01:16  
Operator : VA/SY  
Sample : N1922-01  
Misc : 5.62G/5.00mL/MSVOA\_D/SOIL  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
7PH-1-7.5-8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | ---Internal Standard--- |        |         |      |
|--------------------|--------|---------|-------|----------|-------------------------|--------|---------|------|
|                    |        |         |       |          | #                       | RT     | Resp    | Conc |
| 1,4-Methanonaph... | 16.679 | 8.0     | ug/l  | 562677   | 4                       | 13.561 | 3530320 | 50.0 |