

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD011023\  
 Data File : VD075110.D  
 Acq On : 10 Jan 2023 17:35  
 Operator : KP/SY  
 Sample : 01094-02  
 Misc : 6.47G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 STOCKPILE-A-2

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\82D010923S.M

Title : SW846 8260

Signal : TIC: VD075110.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         | 1.728       | 18            | 24          | 40           | rBV      | 431795         | 787975        | 97.28%          | 14.359%       |
| 2         | 4.805       | 537           | 547         | 557          | rVB3     | 8063           | 23981         | 2.96%           | 0.437%        |
| 3         | 5.846       | 715           | 724         | 734          | rVB3     | 10617          | 32617         | 4.03%           | 0.594%        |
| 4         | 7.810       | 1046          | 1058        | 1063         | rBV      | 106953         | 259470        | 32.03%          | 4.728%        |
| 5         | 7.875       | 1063          | 1069        | 1085         | rVB      | 151853         | 345911        | 42.70%          | 6.303%        |
| 6         | 8.234       | 1119          | 1130        | 1140         | rBV      | 98201          | 221019        | 27.29%          | 4.027%        |
| 7         | 8.781       | 1214          | 1223        | 1232         | rBV      | 274612         | 572241        | 70.64%          | 10.428%       |
| 8         | 10.269      | 1467          | 1476        | 1484         | rBV      | 450103         | 810024        | 100.00%         | 14.761%       |
| 9         | 11.587      | 1691          | 1700        | 1712         | rBV      | 391554         | 695768        | 85.89%          | 12.679%       |
| 10        | 12.575      | 1861          | 1868        | 1878         | rVB      | 302050         | 492119        | 60.75%          | 8.968%        |
| 11        | 13.240      | 1969          | 1981        | 1982         | rBV4     | 9858           | 20369         | 2.51%           | 0.371%        |
| 12        | 13.522      | 2019          | 2029        | 2038         | rVB      | 370112         | 619019        | 76.42%          | 11.280%       |
| 13        | 14.487      | 2179          | 2193        | 2204         | rBV4     | 13526          | 50921         | 6.29%           | 0.928%        |
| 14        | 14.916      | 2257          | 2266        | 2267         | rBV5     | 10044          | 21145         | 2.61%           | 0.385%        |
| 15        | 15.334      | 2326          | 2337        | 2349         | rVB      | 200101         | 384621        | 47.48%          | 7.009%        |
| 16        | 15.622      | 2373          | 2386        | 2399         | rBV3     | 18232          | 58299         | 7.20%           | 1.062%        |
| 17        | 16.410      | 2511          | 2520        | 2527         | rBV2     | 27459          | 57767         | 7.13%           | 1.053%        |
| 18        | 16.604      | 2546          | 2553        | 2562         | rBV2     | 14946          | 34493         | 4.26%           | 0.629%        |

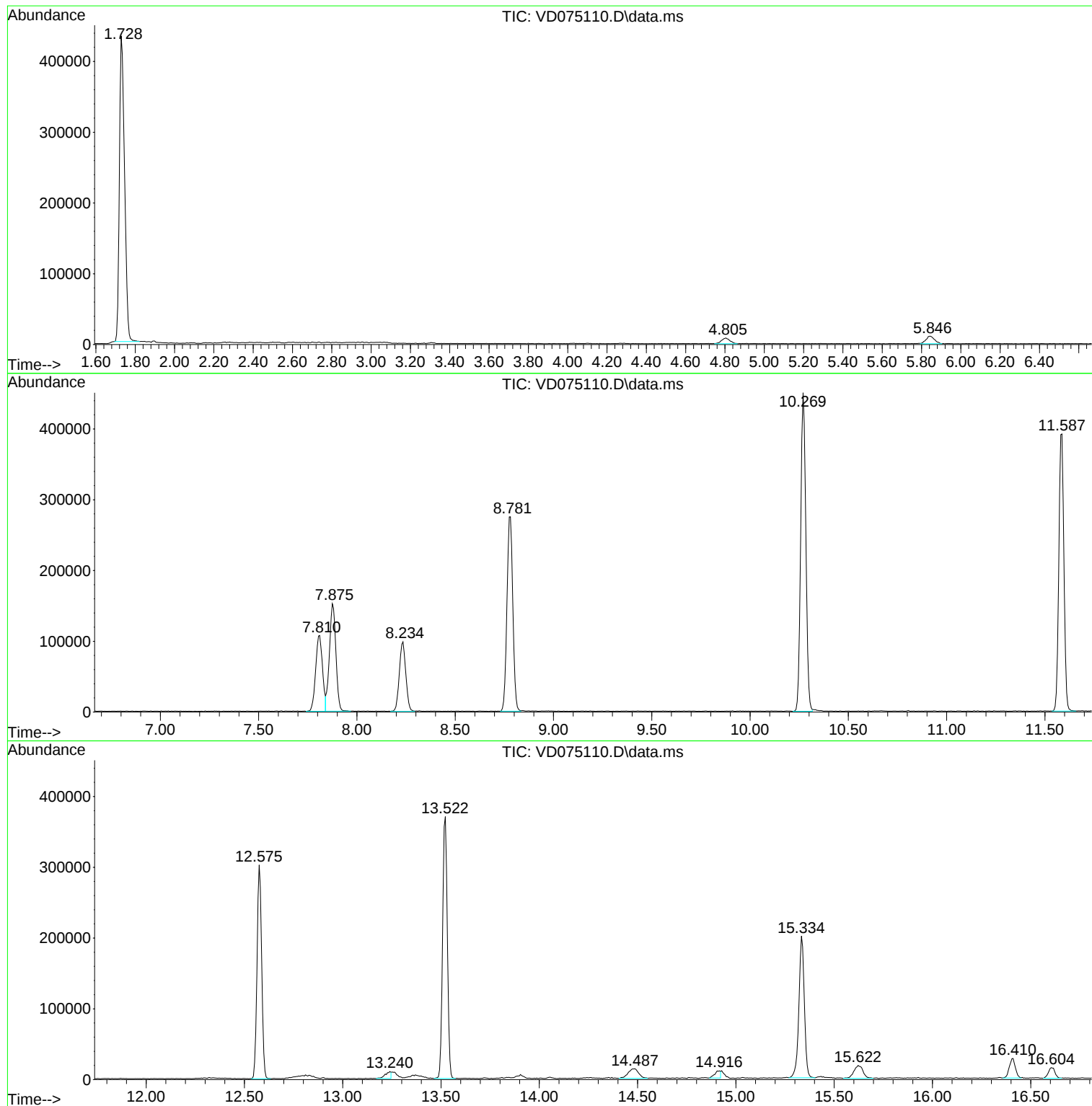
Sum of corrected areas: 5487759

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD011023\  
Data File : VD075110.D  
Acq On : 10 Jan 2023 17:35  
Operator : KP/SY  
Sample : 01094-02  
Misc : 6.47G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
STOCKPILE-A-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D010923S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD011023\  
Data File : VD075110.D  
Acq On : 10 Jan 2023 17:35  
Operator : KP/SY  
Sample : 01094-02  
Misc : 6.47G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
STOCKPILE-A-2

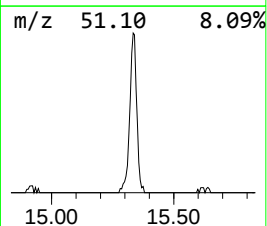
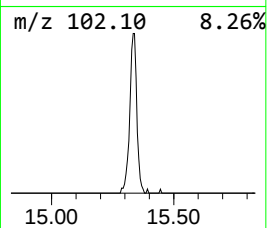
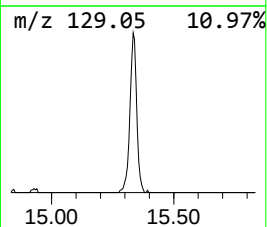
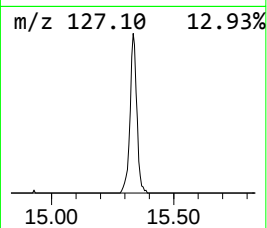
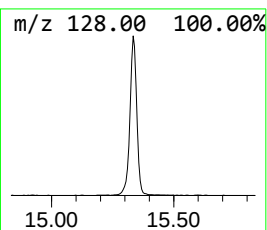
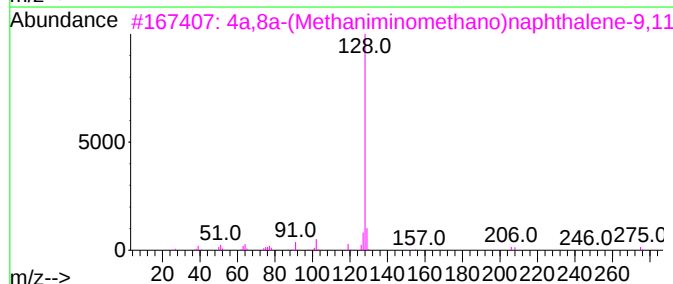
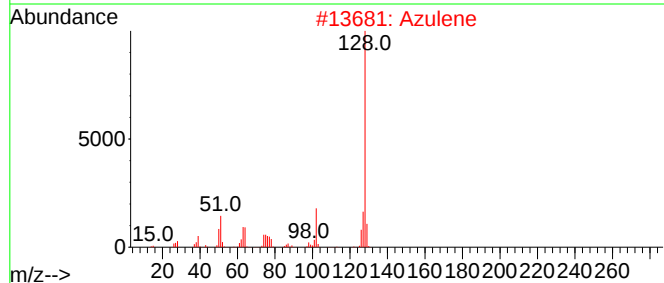
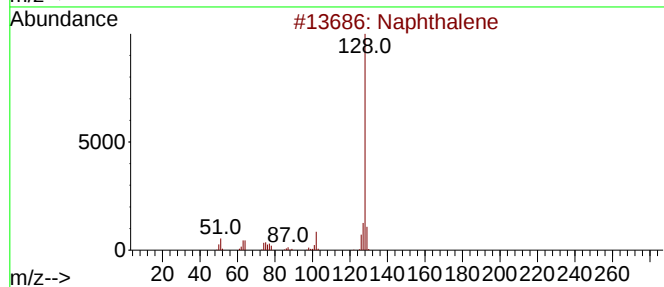
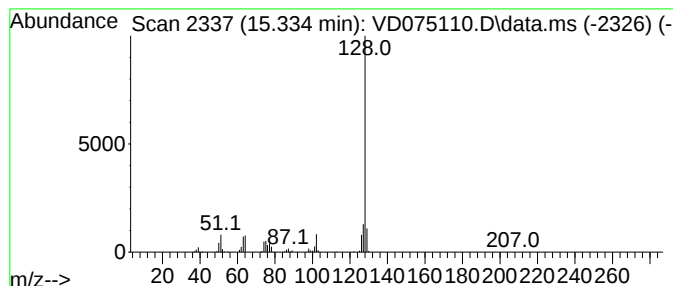
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D010923S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Azulene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.334 | 31.07 ug/l | 384621 | 1,4-Dichlorobenzene-d4 | 13.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Naphthalene                         | 128 | C10H8     | 000091-20-3 | 95   |
| 2    |    |   | Azulene                             | 128 | C10H8     | 000275-51-4 | 91   |
| 3    |    |   | 4a,8a-(Methaniminomethano)naphth... | 275 | C18H13NO2 | 069915-10-2 | 64   |
| 4    |    |   | [4.2.2]Propella-2,4,7,9-tetraene    | 128 | C10H8     | 088090-34-0 | 64   |
| 5    |    |   | 1,3-Dicyanobenzene                  | 128 | C8H4N2    | 000626-17-5 | 59   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD011023\  
Data File : VD075110.D  
Acq On : 10 Jan 2023 17:35  
Operator : KP/SY  
Sample : 01094-02  
Misc : 6.47G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
STOCKPILE-A-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D010923S.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 |
| Azulene          | 15.334 | 31.1    | ug/l  | 384621   | 4                     | 13.522 | 619019 | 50.0 |