

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031124\  
 Data File : VV034546.D  
 Acq On : 11 Mar 2024 16:29  
 Operator : SY/MD  
 Sample : P1637-04  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 12 01:34:16 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 12 01:30:00 2024  
 Response via : Initial Calibration

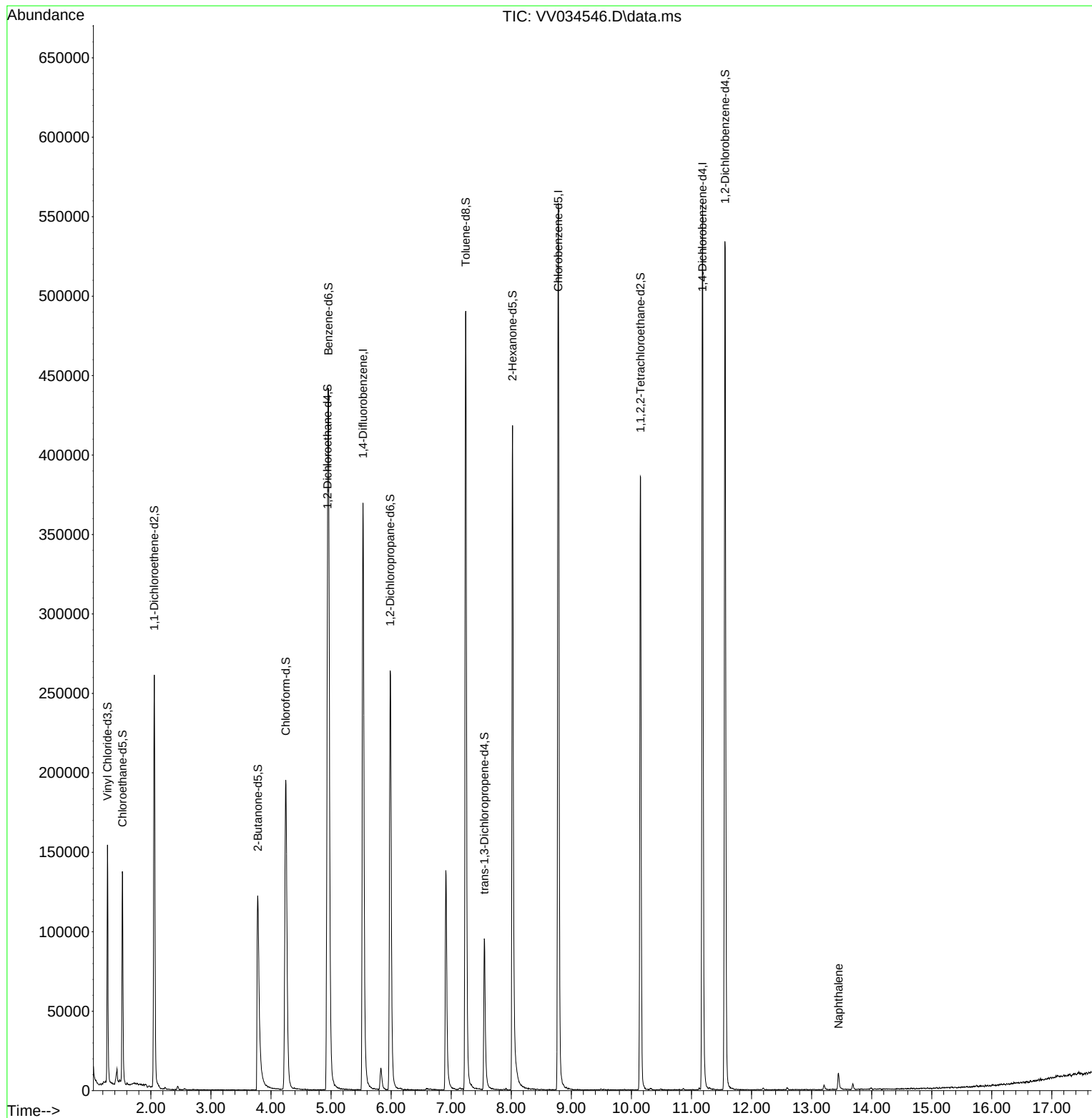
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 314975     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 292382     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 139564     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 93226      | 34.142   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 68.280%  |        |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 86330      | 40.583   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 81.160%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 44033      | 35.658   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.320%  |        |          |
| 21) 2-Butanone-d5             | 3.780          | 46   | 204088     | 111.768  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 111.770% |        |          |
| 24) Chloroform-d              | 4.246          | 84   | 206473     | 42.767   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.540%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 145146     | 46.007   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.020%  |        |          |
| 32) Benzene-d6                | 4.957          | 84   | 376806     | 42.702   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.400%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 126328     | 46.910   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.820%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 321148     | 40.217   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 80.440%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 57078      | 42.207   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.420%  |        |          |
| 47) 2-Hexanone-d5             | 8.021          | 63   | 140642     | 104.586  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 104.590% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 177762     | 50.160   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 100.320% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 131296     | 46.025   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.040%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 71) Naphthalene               | 13.448         | 128  | 9697       | 1.177    | ug/L   | 97       |
| -----                         |                |      |            |          |        |          |

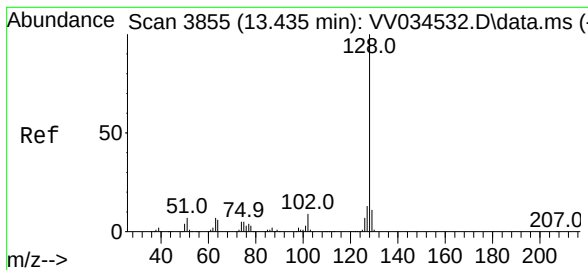
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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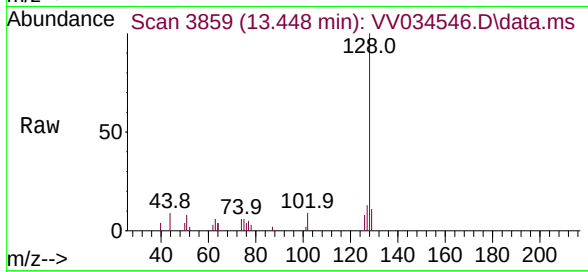
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#71  
 Naphthalene  
 Concen: 1.177 ug/L  
 RT: 13.448 min Scan# 3859  
 Delta R.T. 0.013 min  
 Lab File: VV034546.D  
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Tgt Ion:128 Resp: 9697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.7  | 10.3  | 15.5  |
| 129 | 8.8   | 8.7   | 13.1  |

