

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021921\  
 Data File : VW018210.D  
 Acq On : 19 Feb 2021 13:49  
 Operator : SY/VA  
 Sample : M1371-19  
 Misc : 4.03G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBH33

Quant Time: Feb 19 17:43:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 19 17:37:31 2021  
 Response via : Initial Calibration

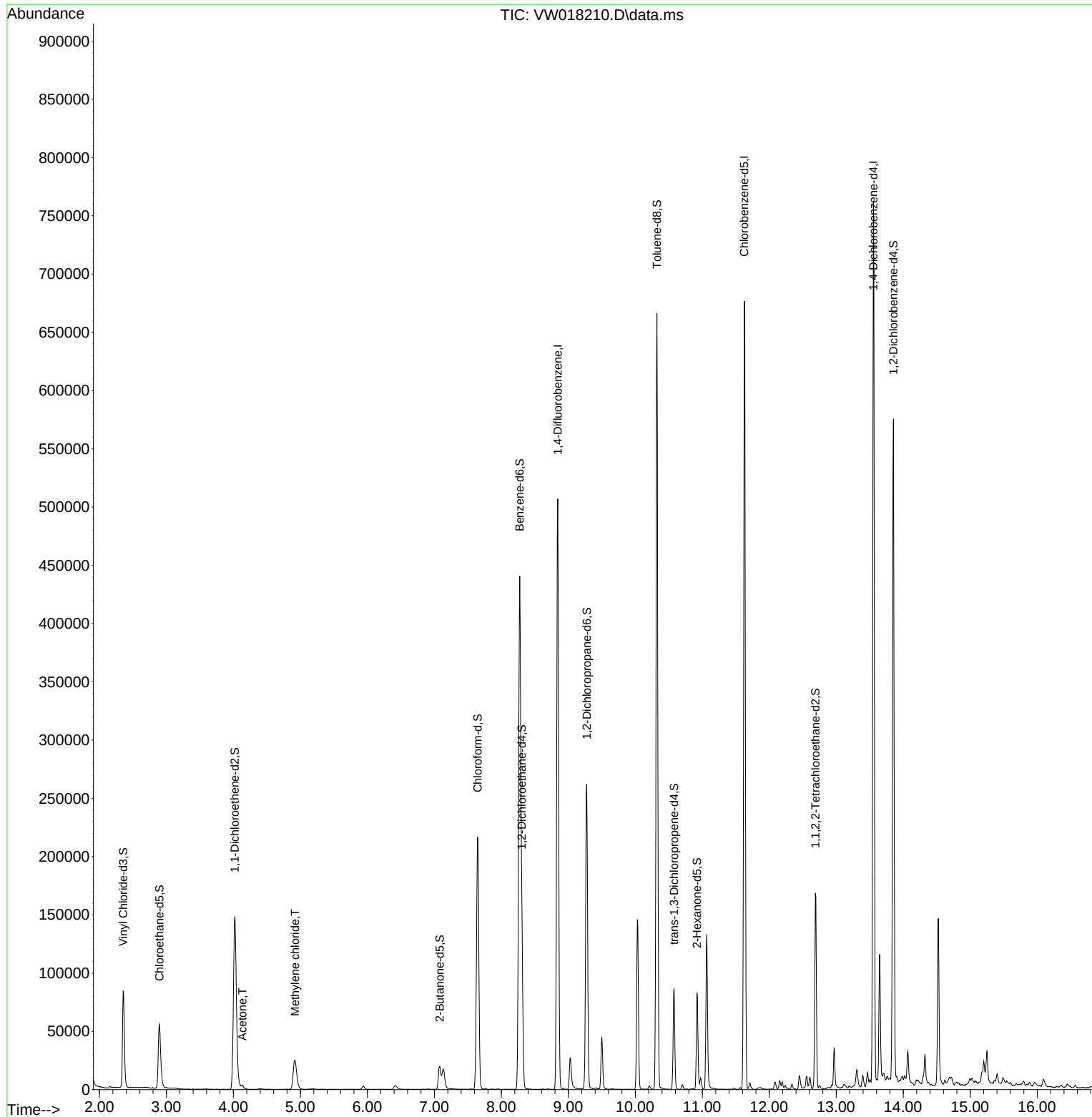
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 455085   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 412265   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 216785   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 100064   | 17.69    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.76%   |
| 7) Chloroethane-d5            | 2.898  | 69    | 80633    | 17.96    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.84%   |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 161392   | 14.27    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.08%   |
| 20) 2-Butanone-d5             | 7.080  | 46    | 34574    | 22.91    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 45.82%   |
| 24) Chloroform-d              | 7.647  | 84    | 229381   | 19.21    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.84%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 106030   | 16.67    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 66.68%#  |
| 29) Benzene-d6                | 8.275  | 84    | 476420   | 21.05    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 84.20%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 126004   | 19.90    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 79.60%   |
| 37) Toluene-d8                | 10.323 | 98    | 461063   | 21.41    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 85.64%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 50921    | 17.74    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 70.96%   |
| 39) 2-Hexanone-d5             | 10.921 | 63    | 29897    | 24.70    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 49.40%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 82986    | 14.92    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 59.68%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 157275   | 20.34    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.36%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.135  | 43    | 5491     | 4.92     | ug/L   | 69       |
| 16) Methylene chloride        | 4.922  | 84    | 24989    | 3.43     | ug/L   | 92       |
| -----                         |        |       |          |          |        |          |

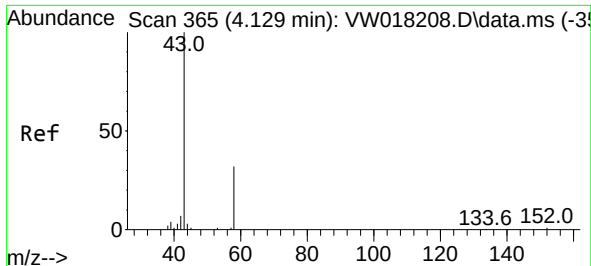
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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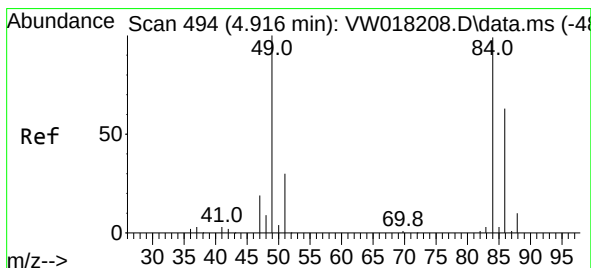
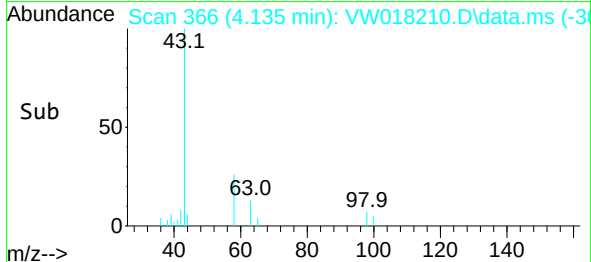
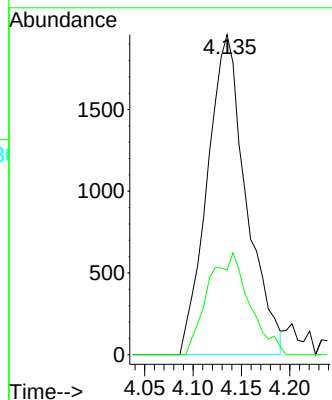
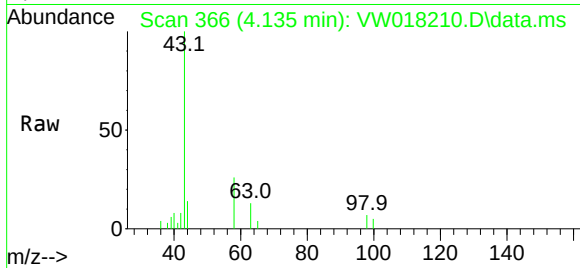




#13  
Acetone  
Concen: 4.92 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.018 min  
Lab File: VW018210.D  
Acq: 19 Feb 2021 13:49

Instrument :  
MSVOA\_W  
ClientSampled :  
DBH33

Tgt Ion: 43 Resp: 5491  
Ion Ratio Lower Upper  
43 100  
58 16.2 0.0 68.4



#16  
Methylene chloride  
Concen: 3.43 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.012 min  
Lab File: VW018210.D  
Acq: 19 Feb 2021 13:49

Tgt Ion: 84 Resp: 24989  
Ion Ratio Lower Upper  
84 100  
49 104.9 81.2 150.8  
86 66.1 44.5 82.7

