

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020521\  
 Data File : VW018034.D  
 Acq On : 05 Feb 2021 15:34  
 Operator : SY/VA  
 Sample : M1330-04  
 Misc : 4.56G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG534

Quant Time: Feb 06 01:08:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 06 01:06:17 2021  
 Response via : Initial Calibration

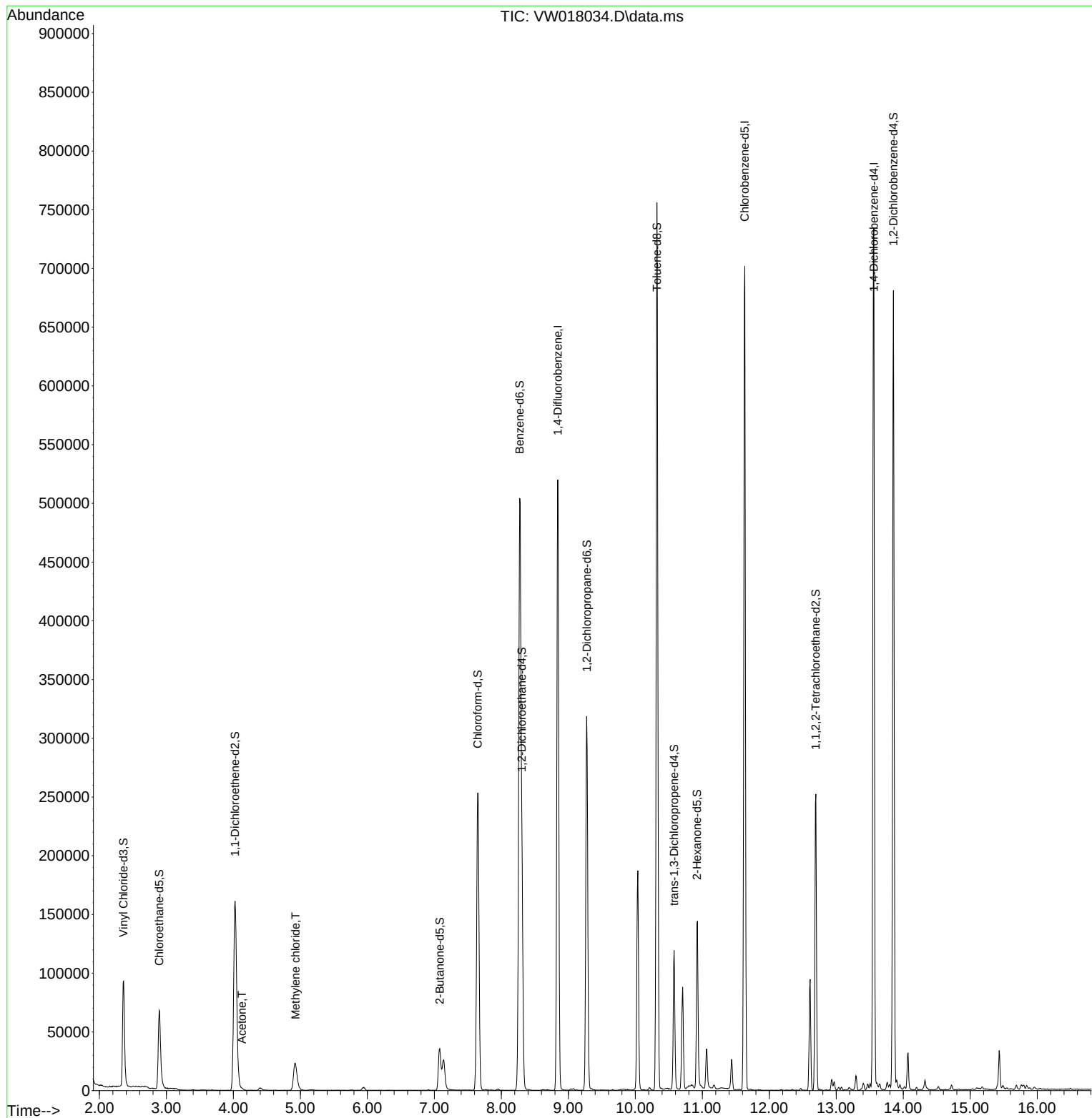
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 458388     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 415403     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 211125     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 115773     | 20.32  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.28% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 96085      | 21.25  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 85.00% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 179083     | 15.72  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 62.88% |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 60850      | 40.03  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 80.06% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 270517     | 22.49  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 89.96% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 142378     | 22.22  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 88.88% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 539239     | 23.64  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 94.56% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 151570     | 23.76  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 95.04% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 508796     | 23.44  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 93.76% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 67334      | 23.28  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 93.12% |        |          |
| 39) 2-Hexanone-d5             | 10.920         | 63   | 49886      | 40.90  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 81.80% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 123260     | 22.00  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 88.00% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 184904     | 24.55  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 98.20% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 1734       | 1.54   | ug/L   | 100      |
| 16) Methylene chloride        | 4.928          | 84   | 23501      | 3.20   | ug/L   | 92       |
| -----                         |                |      |            |        |        |          |

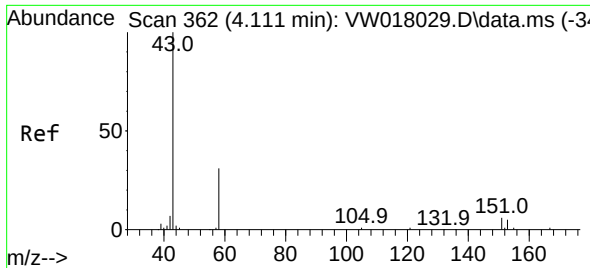
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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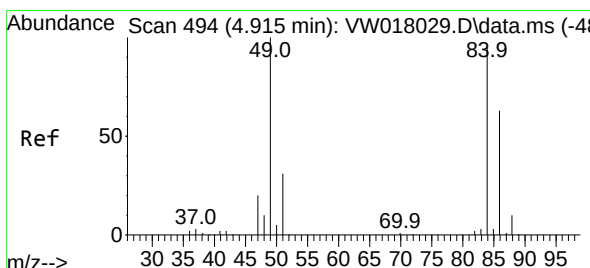
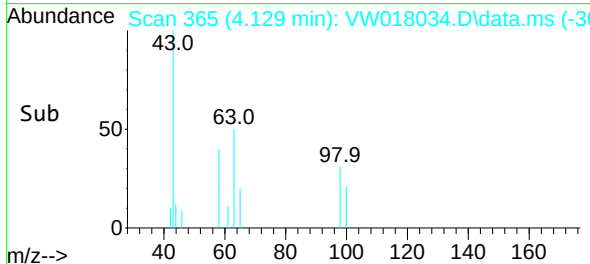
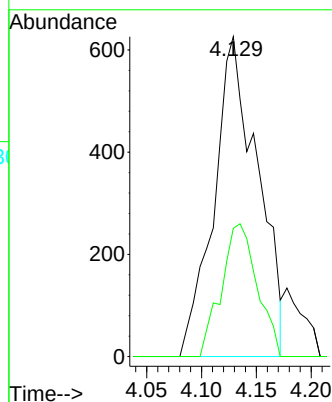
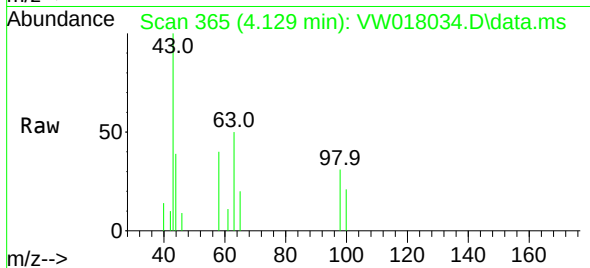




#13  
Acetone  
Concen: 1.54 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.018 min  
Lab File: VW018034.D  
Acq: 05 Feb 2021 15:34

Instrument :  
MSVOA\_W  
ClientSampled :  
BG534

Tgt Ion: 43 Resp: 1734  
Ion Ratio Lower Upper  
43 100  
58 34.0 0.0 68.4



#16  
Methylene chloride  
Concen: 3.20 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.012 min  
Lab File: VW018034.D  
Acq: 05 Feb 2021 15:34

Tgt Ion: 84 Resp: 23501  
Ion Ratio Lower Upper  
84 100  
49 102.9 81.2 150.8  
86 65.2 44.5 82.7

