

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020521\  
 Data File : VW018035.D  
 Acq On : 05 Feb 2021 15:58  
 Operator : SY/VA  
 Sample : M1330-05  
 Misc : 5.18G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG535

Manual Integrations  
 APPROVED

MMDadoda  
 2/9/2021 1:33:17 PM

Quant Time: Feb 06 01:08:22 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  | 455692     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 420045     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 212870     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 109426     | 19.32  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 77.28% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 88330      | 19.65  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 78.60% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 171240     | 15.12  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 60.48% |        |          |
| 20) 2-Butanone-d5             | 7.098          | 46   | 44006      | 29.12  | ug/L   | 0.02     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 58.24% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 247567     | 20.70  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.80% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 124102     | 19.48  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 77.92% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 500511     | 21.70  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 86.80% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 140009     | 21.70  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 86.80% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 469824     | 21.41  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 85.64% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 57527      | 19.67  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 78.68% |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 37905      | 30.73  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 61.46% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 97507      | 17.21  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 68.84% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 169512     | 22.32  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.28% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.172          | 43   | 3282m      | 2.94   | ug/L   |          |
| 16) Methylene chloride        | 4.915          | 84   | 24091      | 3.30   | ug/L   | 92       |
| -----                         |                |      |            |        |        |          |

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

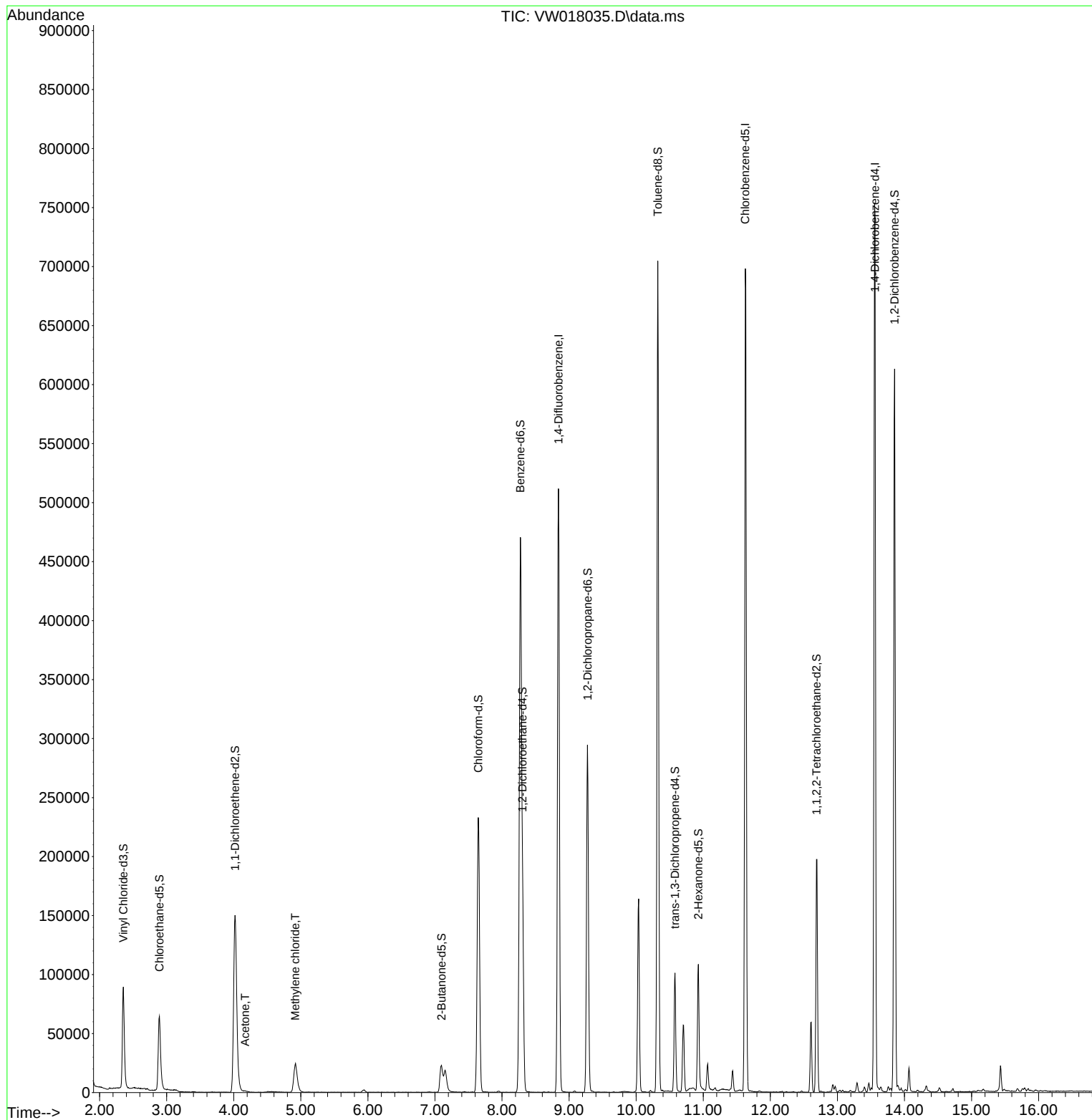
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020521\  
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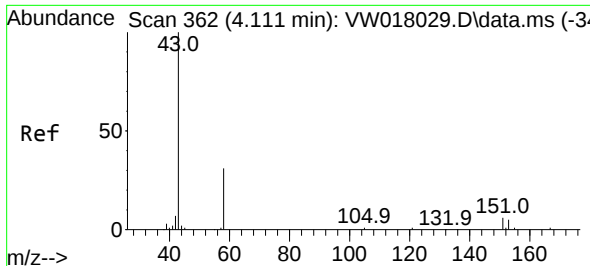
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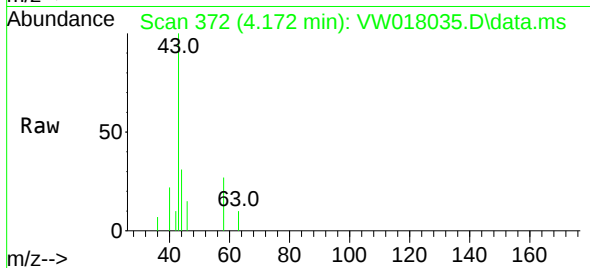
Quant Time: Feb 06 01:08:22 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Feb 06 01:06:17 2021  
Response via : Initial Calibration





#13  
Acetone  
Concen: 2.94 ug/L m  
RT: 4.172 min Scan# 372  
Delta R.T. 0.061 min  
Lab File: VW018035.D  
Acq: 05 Feb 2021 15:58

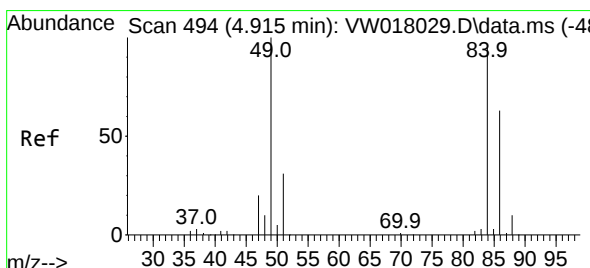
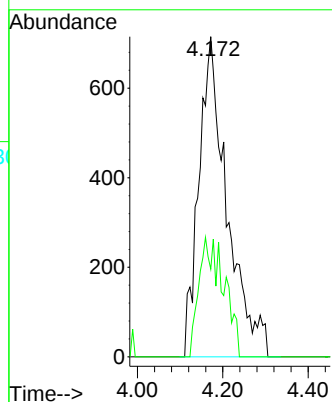
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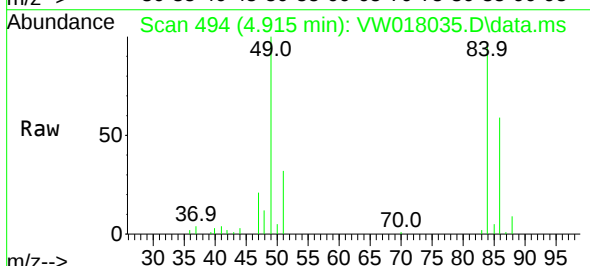
Tgt Ion: 43 Resp: 3282  
Ion Ratio Lower Upper  
43 100  
58 4.7 0.0 68.4

Manual Integrations  
APPROVED

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2/9/2021 1:33:17 PM



#16  
Methylene chloride  
Concen: 3.30 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW018035.D  
Acq: 05 Feb 2021 15:58



Tgt Ion: 84 Resp: 24091  
Ion Ratio Lower Upper  
84 100  
49 104.5 81.2 150.8  
86 61.8 44.5 82.7

