

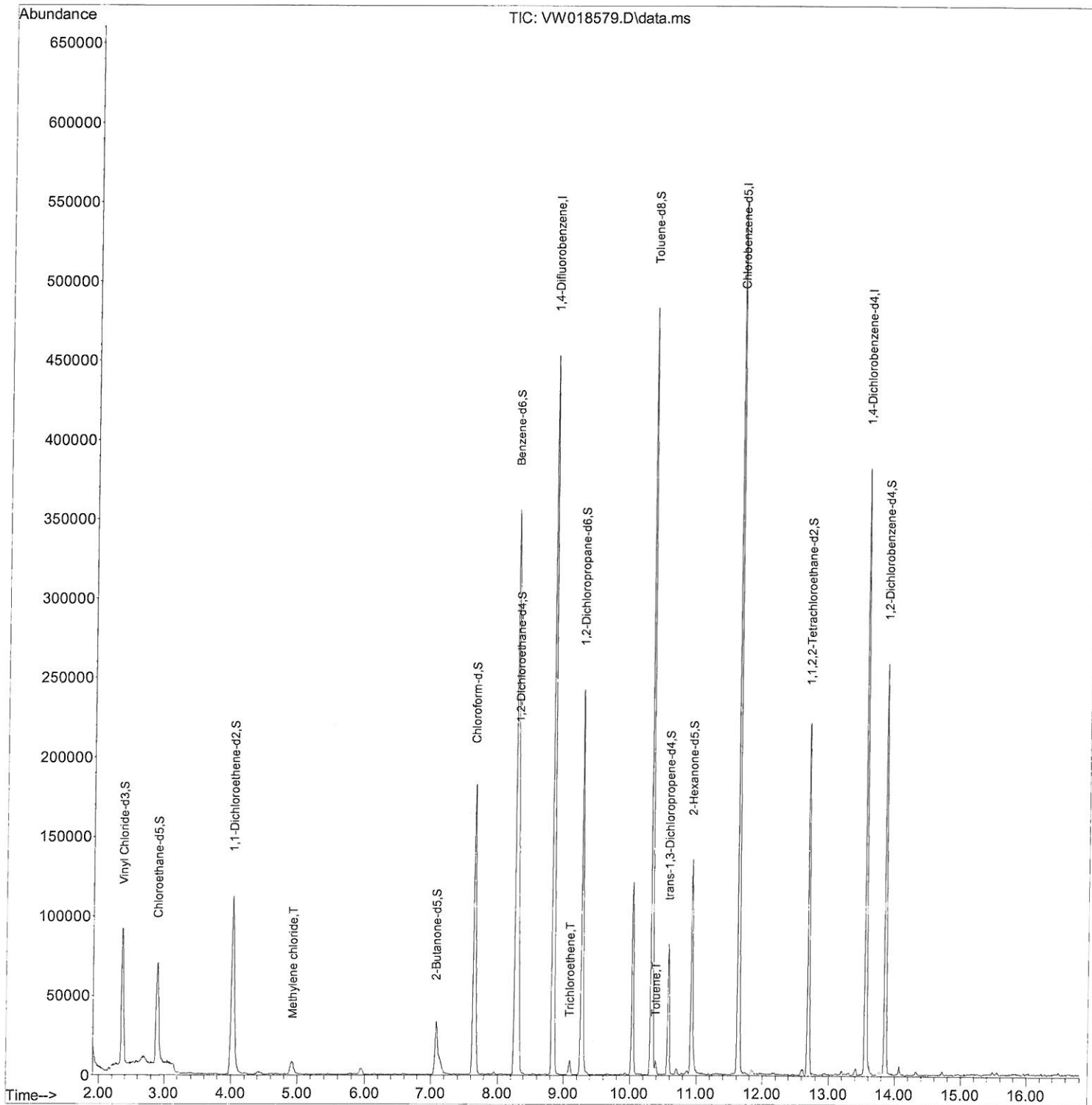
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040721\  
Data File : VW018579.D  
Acq On : 07 Apr 2021 14:30  
Operator : SY/VA  
Sample : M1881-09  
Misc : 3.97G/10ML/MSVOA\_W/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ESQG6

Manual Integrations  
APPROVED

MMDadoda  
4/9/2021 9:27:15 AM

Quant Time: Apr 08 05:36:18 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Apr 08 05:34:15 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

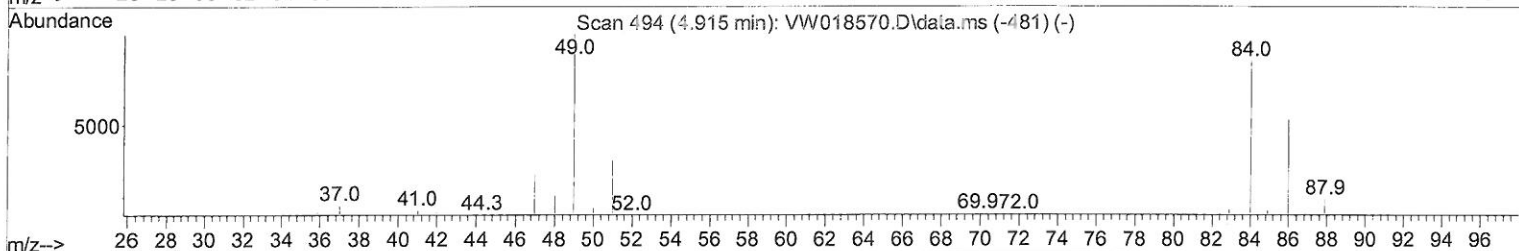
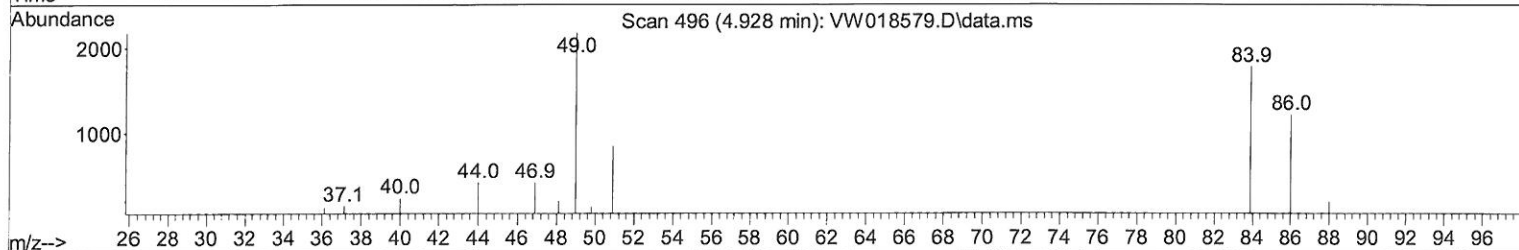
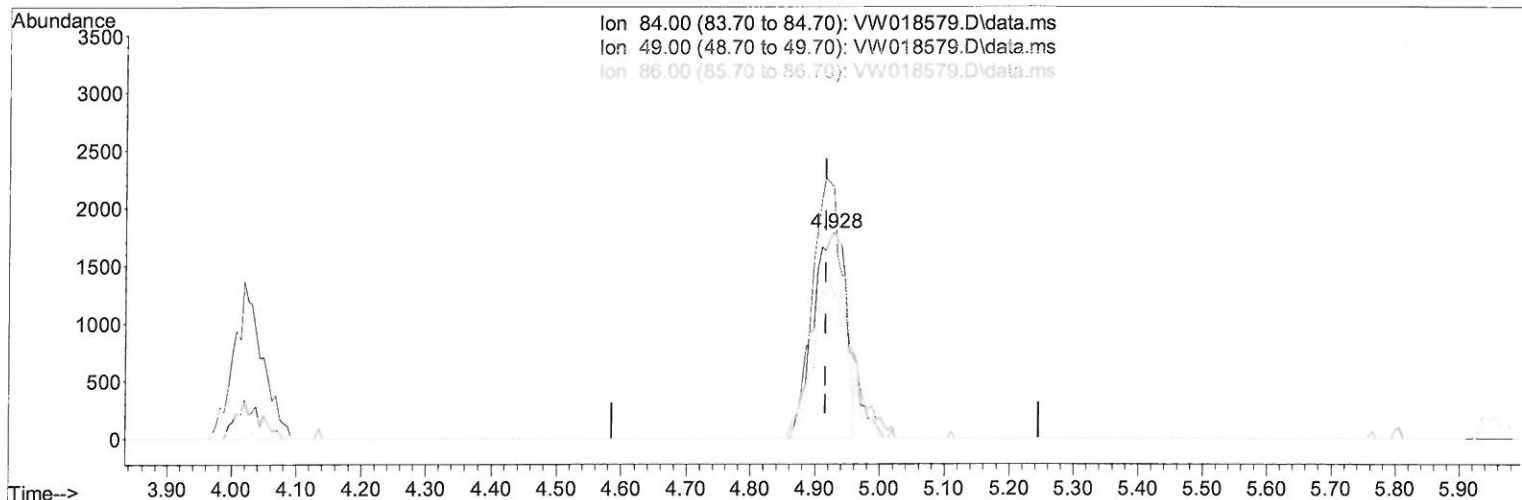
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TIC: VW018579.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 1.04 ug/L

response 6384

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 122.31 |
| 86.00 | 65.90  | 68.16  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

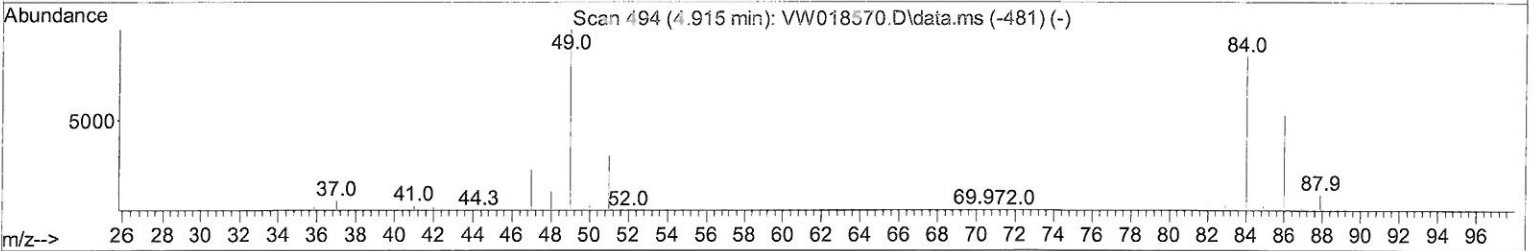
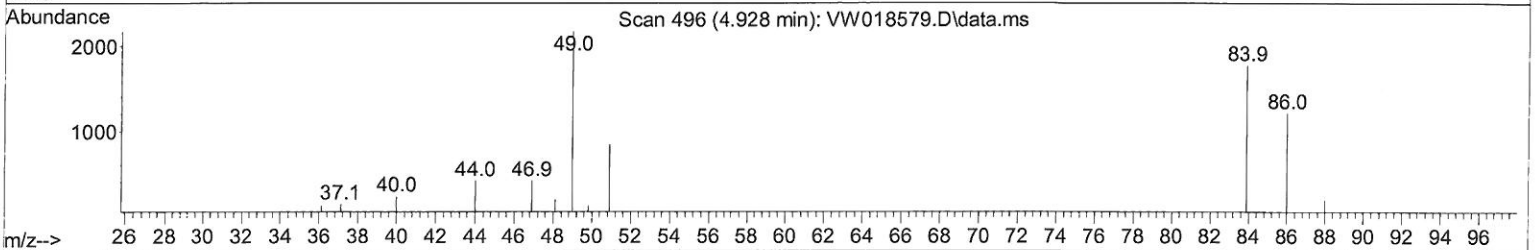
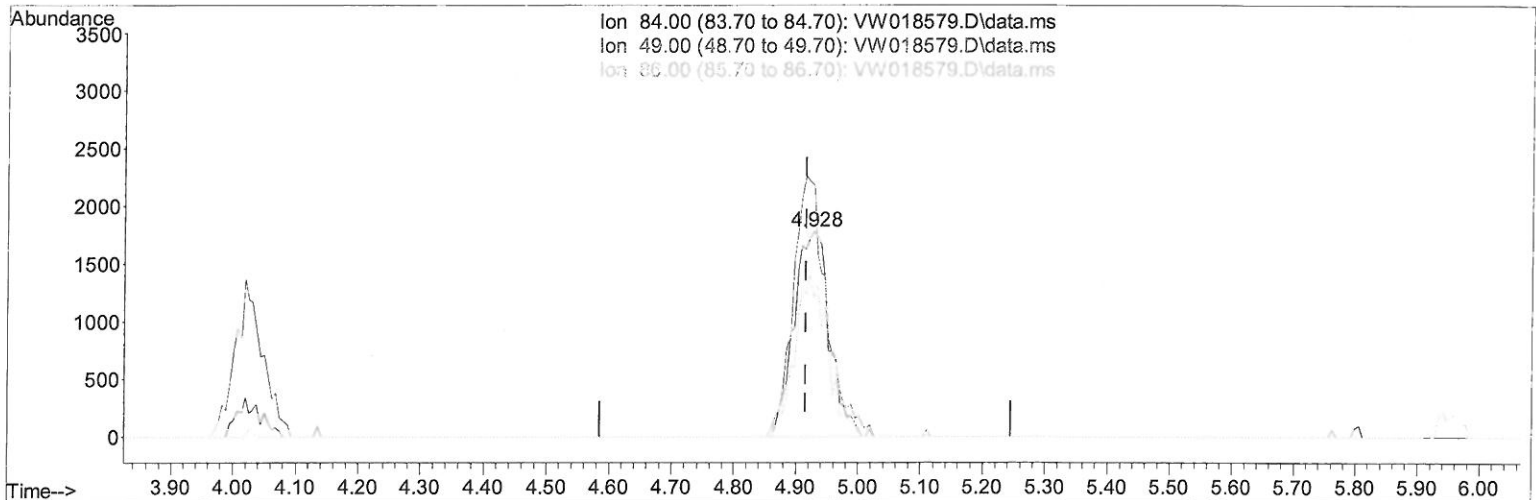
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Manual Integrations  
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Quant Time: Apr 08 05:36:18 2021  
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 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 08 05:34:15 2021  
 Response via : Initial Calibration



TIC: VW018579.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 1.15 ug/L m

response 7047

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 122.31 |
| 86.00 | 65.90  | 68.16  |
| 0.00  | 0.00   | 0.00   |

*7 mg*  
*4/12/21*

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 Misc : 3.97G/10ML/MSVOA\_W/SOIL  
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Instrument :  
 MSVOA\_W  
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Manual Integrations  
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Quant Time: Apr 08 05:36:18 2021  
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| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 372786   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 301315   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 96565    | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 108667   | 20.95    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.80%   |
| 7) Chloroethane-d5            | 2.897  | 69    | 86420    | 19.03    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.12%   |
| 10) 1,1-Dichloroethene-d2     | 4.025  | 63    | 124197   | 13.87    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.48%   |
| 20) 2-Butanone-d5             | 7.074  | 46    | 53631    | 46.44    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.88%   |
| 24) Chloroform-d              | 7.647  | 84    | 186965   | 19.69    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 78.76%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 125781   | 22.69    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.76%   |
| 29) Benzene-d6                | 8.275  | 84    | 359201   | 22.42    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 89.68%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 107827   | 23.34    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.36%   |
| 37) Toluene-d8                | 10.323 | 98    | 319344   | 20.71    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.84%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 44091    | 18.50    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 74.00%   |
| 39) 2-Hexanone-d5             | 10.927 | 63    | 46291    | 51.19    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.38%  |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 104723   | 25.34    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 101.36%  |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 63087    | 18.38    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 73.52%#  |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 4.928  | 84    | 7047m    | 1.15     | ug/L   | Qvalue   |
| 35) Trichloroethene           | 9.091  | 95    | 2982     | 0.62     | ug/L # | 82       |
| 44) Toluene                   | 10.384 | 91    | 5736     | 0.29     | ug/L   | 85       |

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

MD  
 4/12/21