

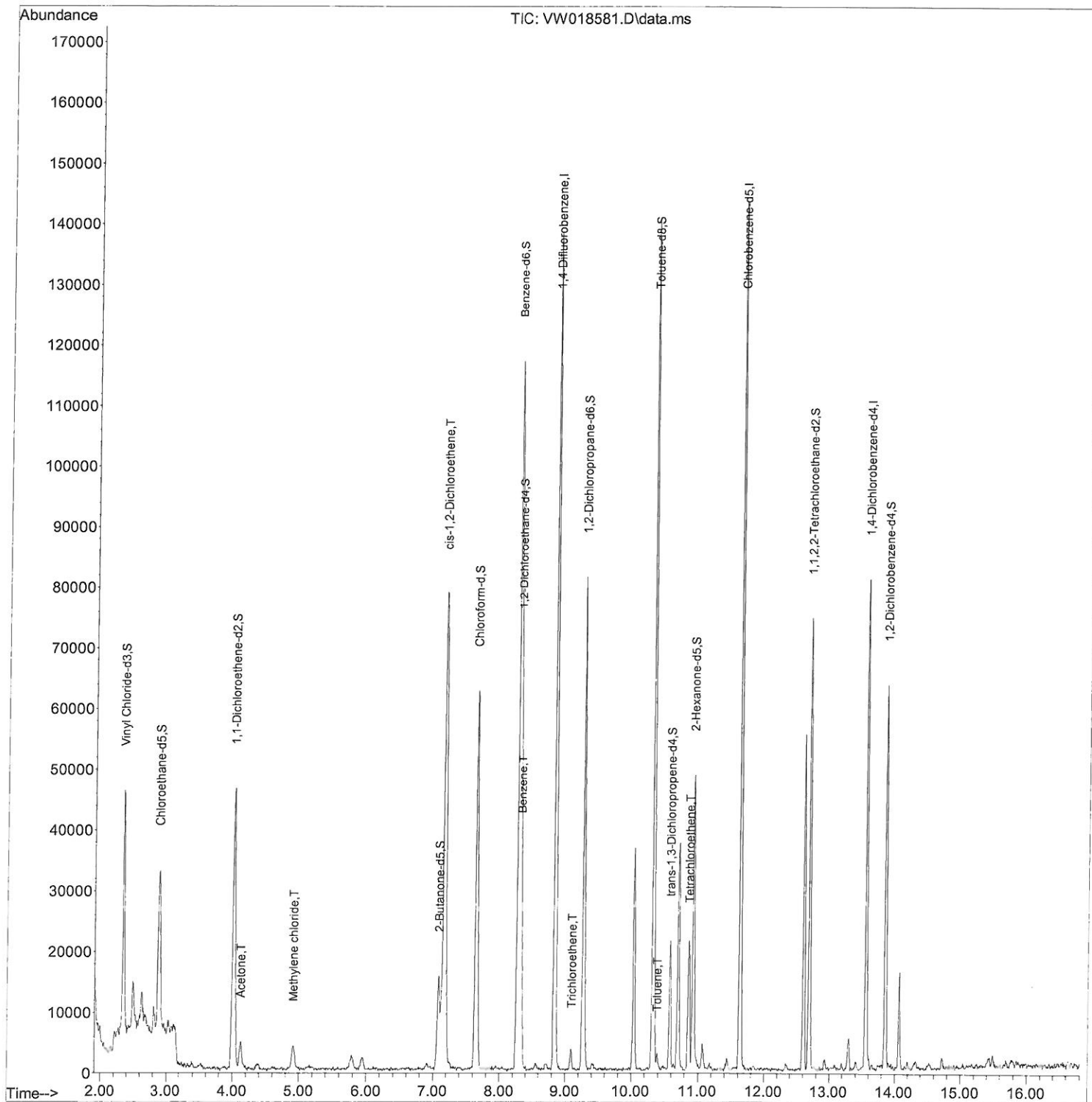
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040721\  
Data File : VW018581.D  
Acq On : 07 Apr 2021 15:18  
Operator : SY/VA  
Sample : M1896-19RE  
Misc : 5.84G/10ML/MSVOA\_W/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG5A5RE

Manual Integrations  
APPROVED

MMDadoda  
4/9/2021 9:27:28 AM

Quant Time: Apr 08 05:36:47 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)

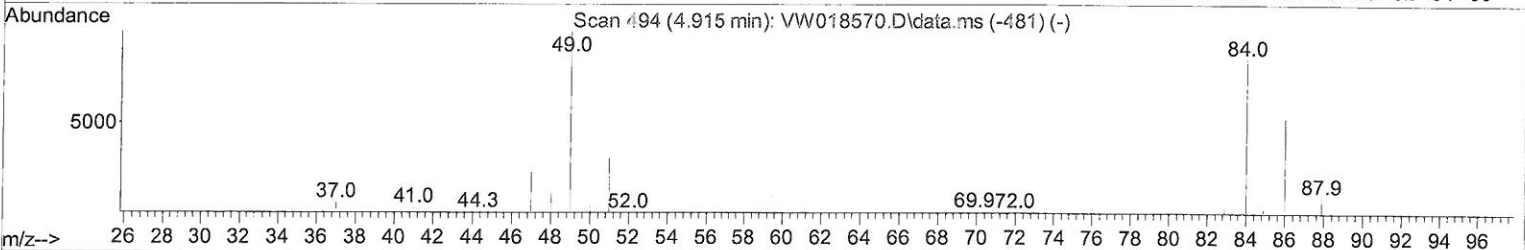
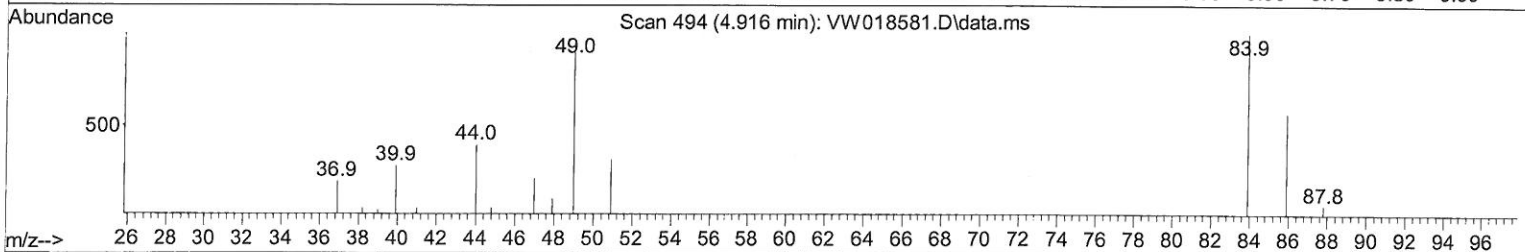
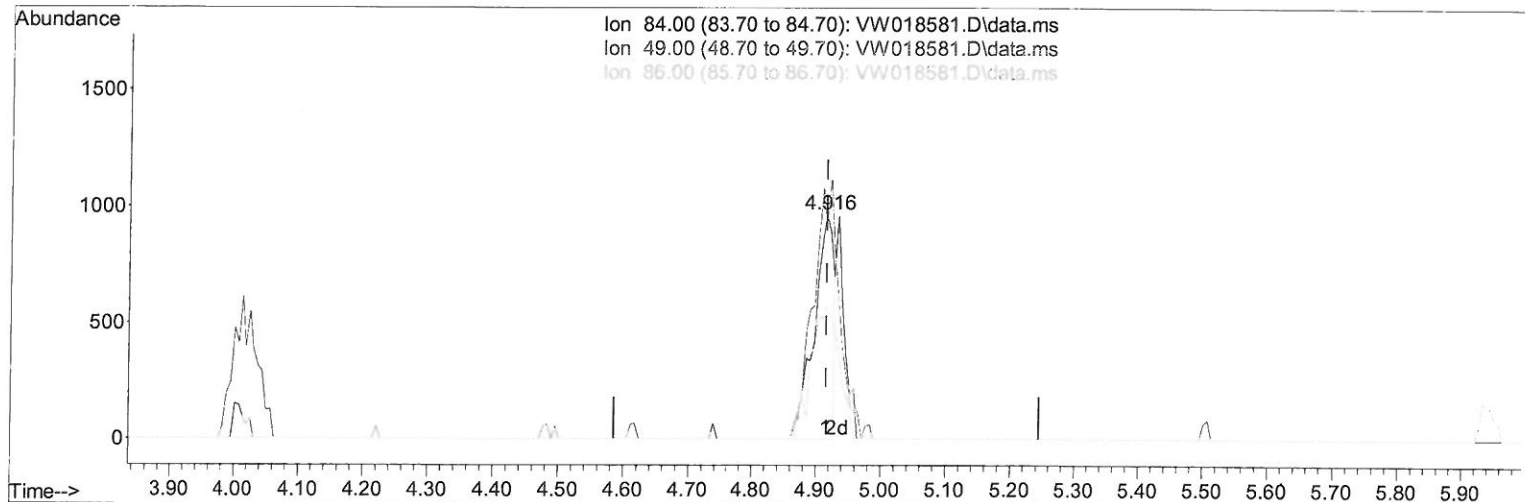
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TIC: VW018581.D\data.ms

(16) Methylene chloride (T)

4.916min (+ 0.000) 1.14 ug/L

response 2047

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 94.82  |
| 86.00 | 65.90  | 58.49  |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

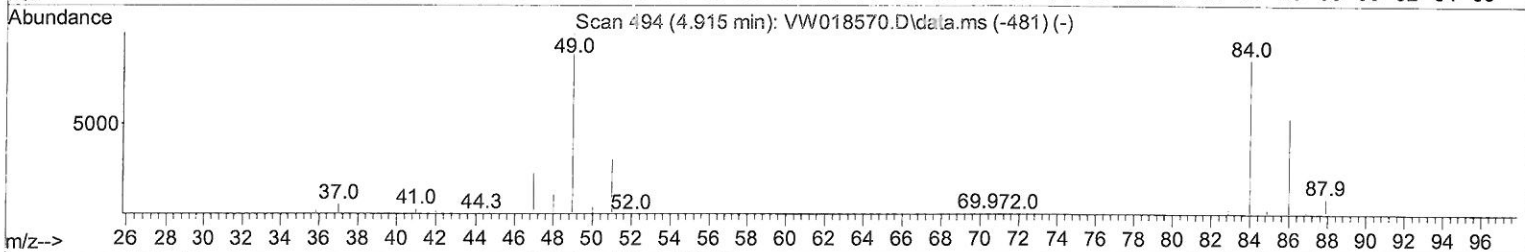
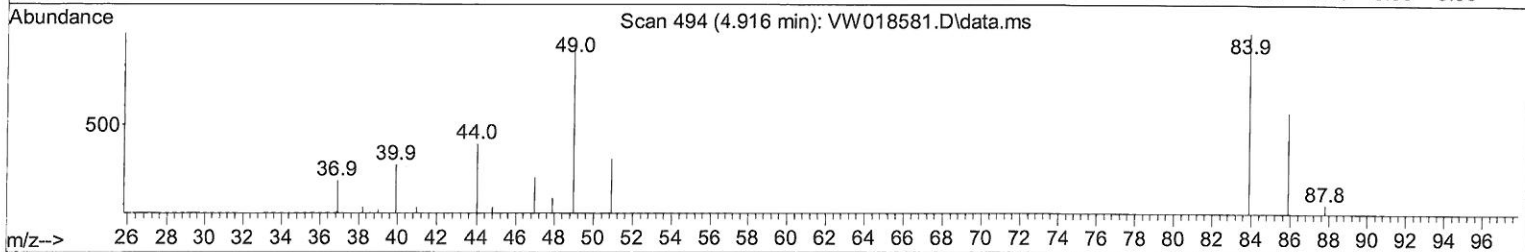
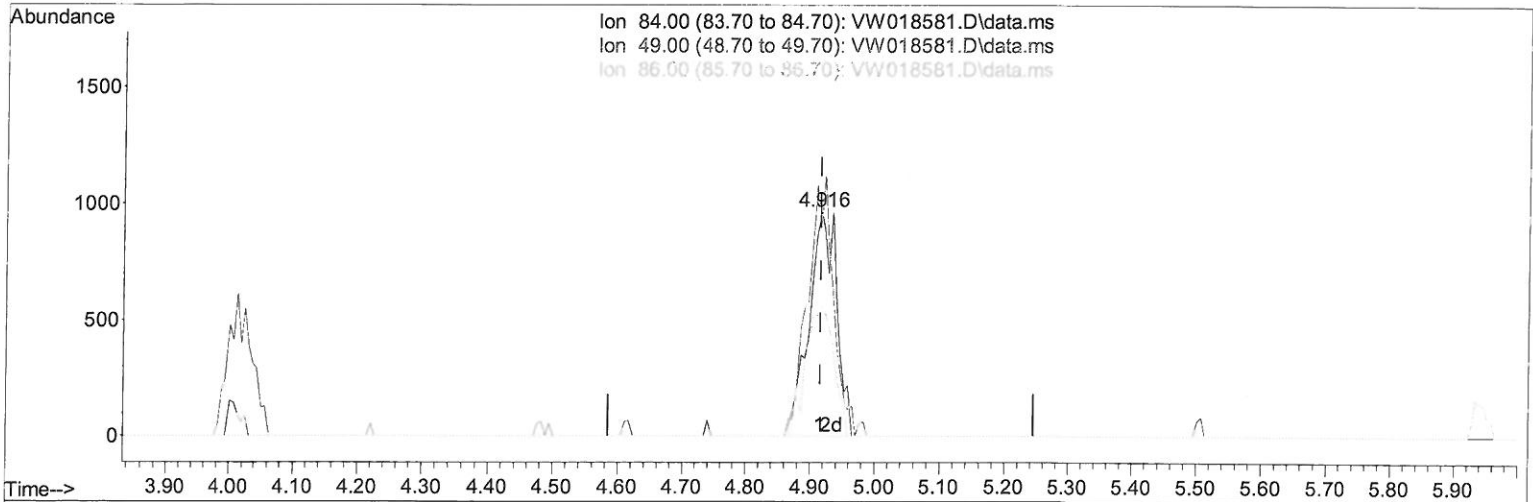
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Quant Title : VOC Analysis  
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Response via : Initial Calibration



TIC: VW018581.D\data.ms

(16) Methylene chloride (T)

4.916min (+ 0.000) 1.61 ug/L m

response 2889

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 94.82  |
| 86.00 | 65.90  | 58.49  |
| 0.00  | 0.00   | 0.00   |

> MD  
4/12/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040721\  
 Data File : VW018581.D  
 Acq On : 07 Apr 2021 15:18  
 Operator : SY/VA  
 Sample : M1896-19RE  
 Misc : 5.84G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
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 4/9/2021 9:27:28 AM

Quant Time: Apr 08 05:36:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
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| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 109308   | 25.00    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 77910    | 25.00    | ug/L   | 0.00      |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 19904    | 25.00    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 38438    | 25.27    | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 101.08%   |
| 7) Chloroethane-d5            | 2.892  | 69    | 33162    | 24.91    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 99.64%    |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63    | 42640    | 16.24    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 64.96%    |
| 20) 2-Butanone-d5             | 7.086  | 46    | 27053    | 79.89    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 159.78%#  |
| 24) Chloroform-d              | 7.647  | 84    | 63303    | 22.74    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 90.96%    |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 40833    | 25.12    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 100.48%   |
| 29) Benzene-d6                | 8.275  | 84    | 117739   | 28.43    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 113.72%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 35483    | 29.70    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 118.80%   |
| 37) Toluene-d8                | 10.323 | 98    | 95817    | 24.03    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.12%    |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 11336    | 18.40    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.60%    |
| 39) 2-Hexanone-d5             | 10.927 | 63    | 16368    | 70.01    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 140.02%#  |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 35272    | 33.00    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 132.00%#  |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 15806    | 22.34    | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.36%    |
| Target Compounds              |        |       |          |          |        |           |
| 13) Acetone                   | 4.123  | 43    | 6928     | 28.48    | ug/L   | Qvalue 95 |
| 16) Methylene chloride        | 4.916  | 84    | 2889m    | 1.61     | ug/L   | 95        |
| 22) cis-1,2-Dichloroethene    | 7.171  | 96    | 46976    | 29.48    | ug/L   | 90        |
| 34) Benzene                   | 8.323  | 78    | 8213     | 1.82     | ug/L   | 100       |
| 35) Trichloroethene           | 9.098  | 95    | 1248     | 1.00     | ug/L # | 30        |
| 44) Toluene                   | 10.384 | 91    | 1759     | 0.34     | ug/L   | 90        |
| 47) Tetrachloroethene         | 10.866 | 164   | 4482     | 4.74     | ug/L   | 81        |

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

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 4/12/21