

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031921\  
Data File : VW018382.D  
Acq On : 19 Mar 2021 12:29  
Operator : SY/VA  
Sample : M1685-05  
Misc : 5.76G/10ML/MSVOA\_W/SOIL  
ALS Vial : 17 Sample Multiplier: 1

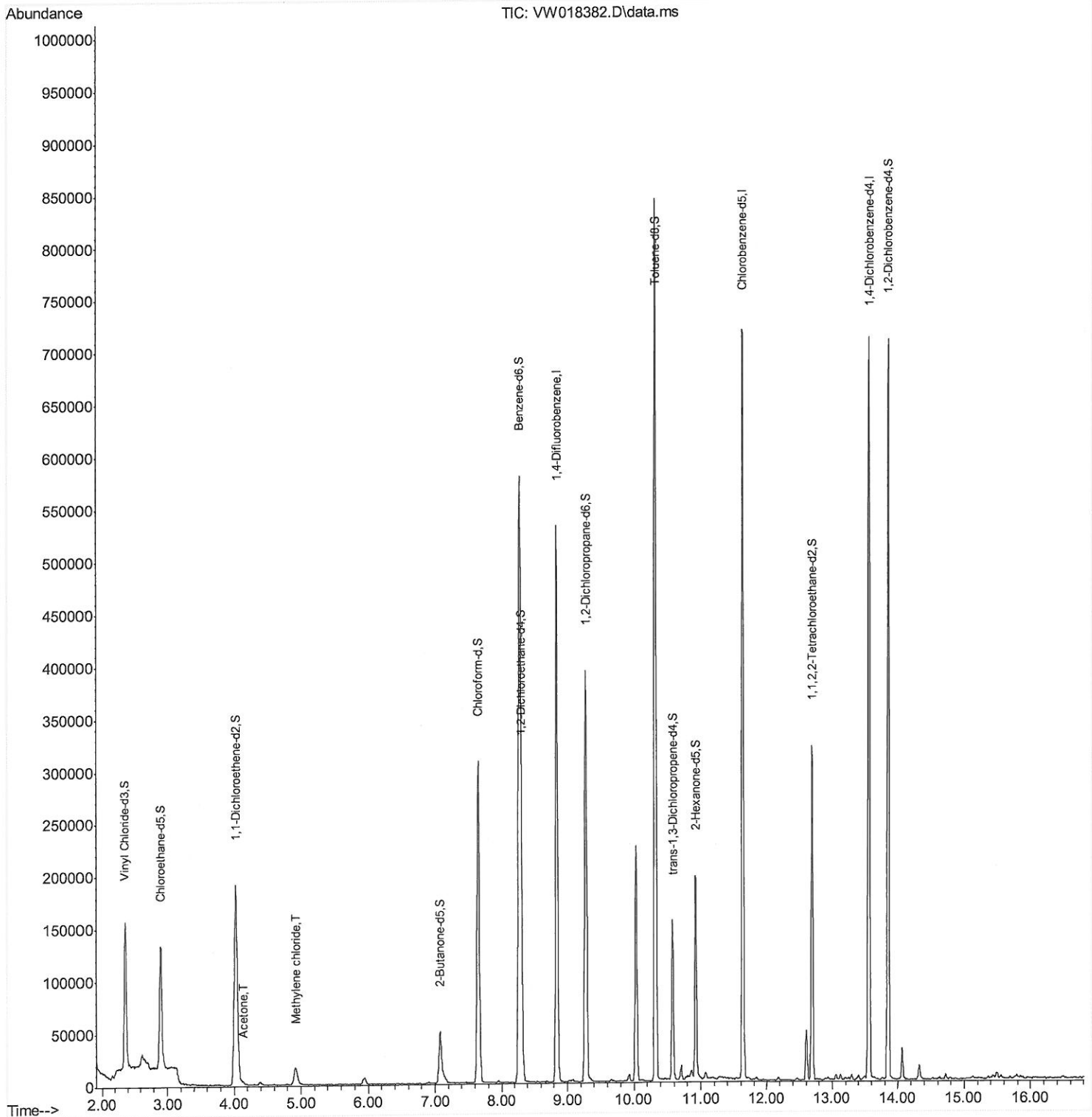
Instrument :  
MSVOA\_W  
ClientSampleId :  
BG491

Manual Integrations  
APPROVED

MMDadoda

3/22/2021 4:13:56 PM

Quant Time: Mar 20 01:38:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Mar 20 01:36:44 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

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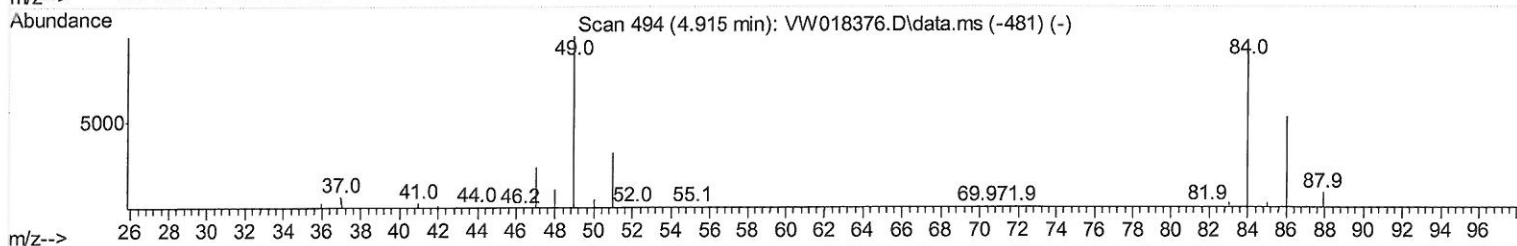
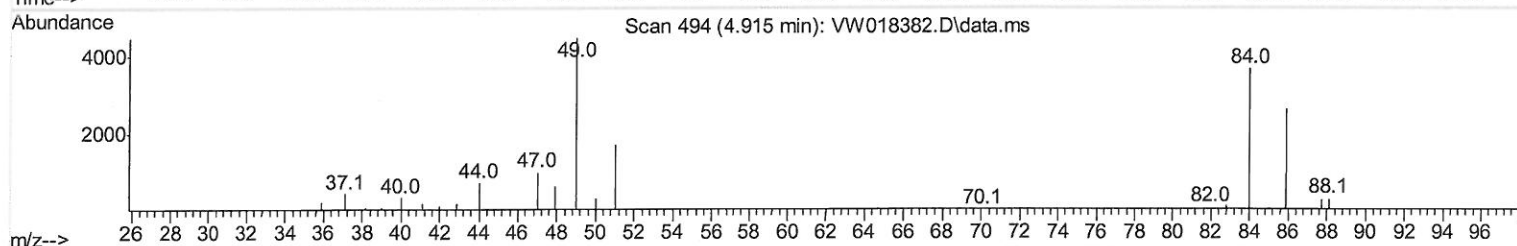
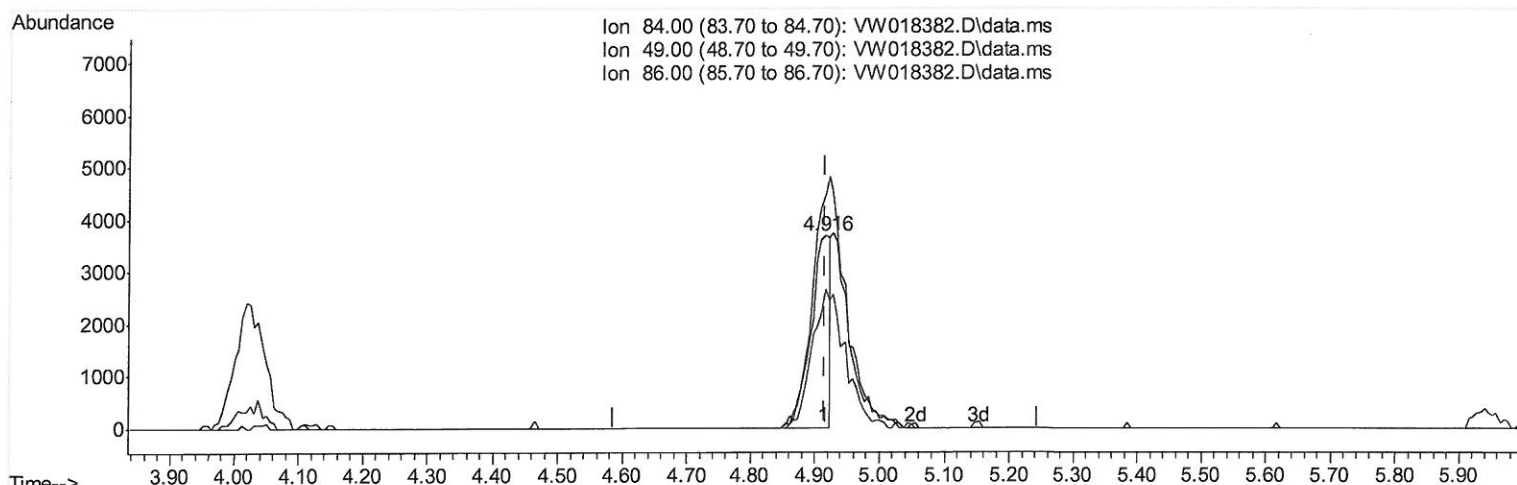
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TIC: VW018382.D\data.ms

(16) Methylene chloride (T)

4.915min (+ 0.000) 1.08 ug/L

response 7571

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 121.91 |
| 86.00 | 65.90  | 71.86  |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 17 Sample Multiplier: 1

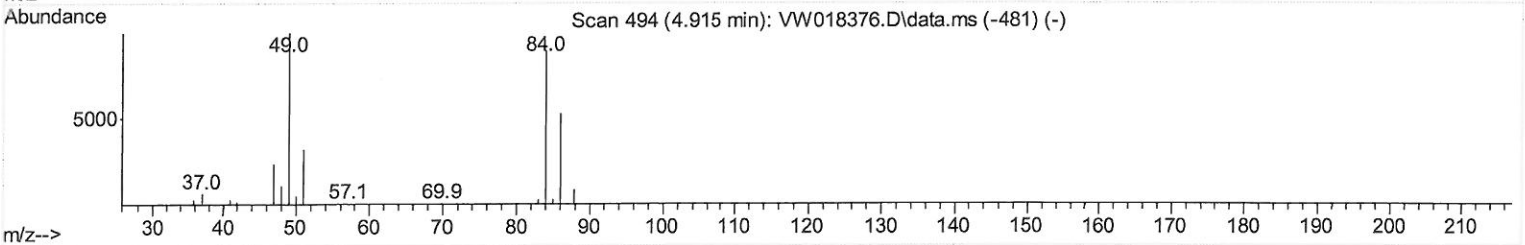
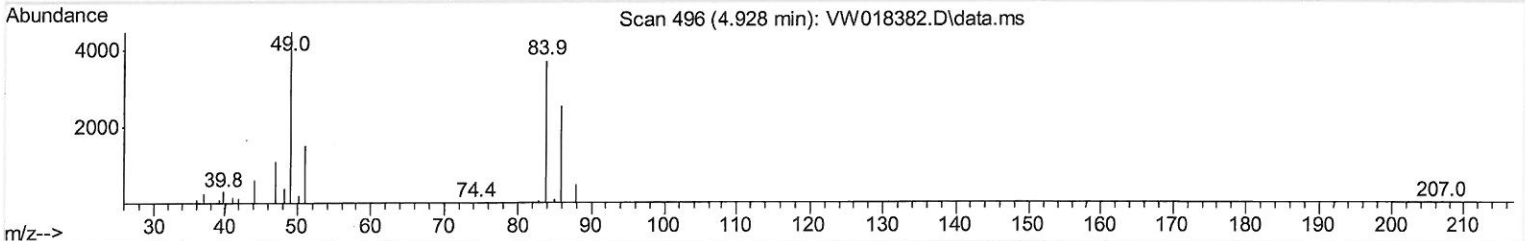
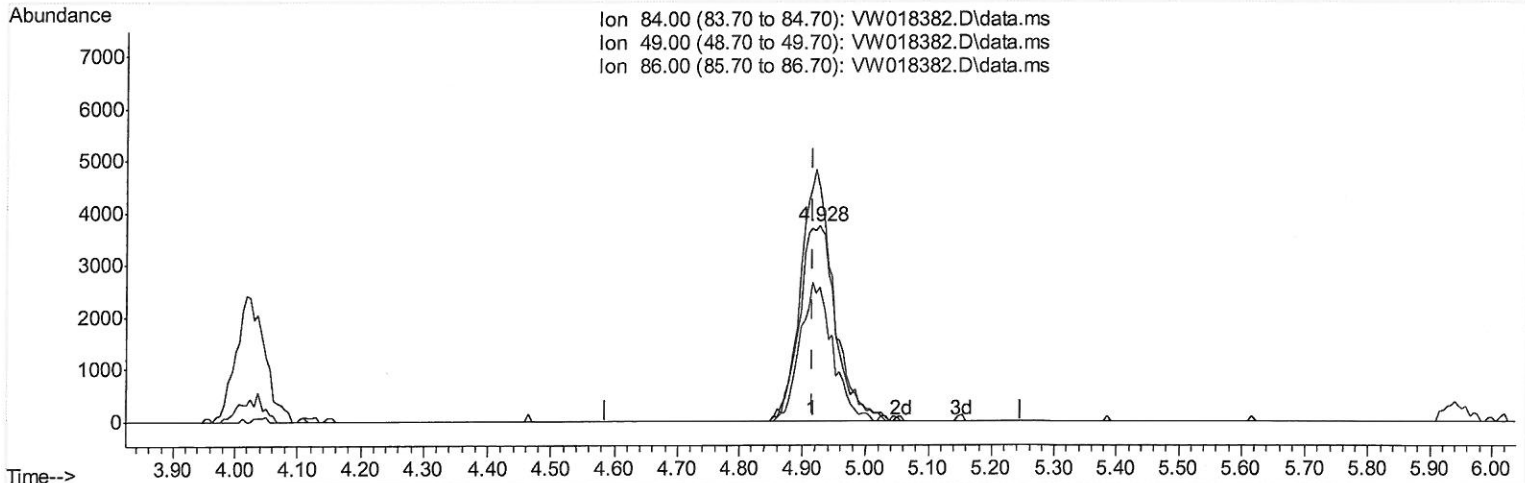
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG491

Manual Integrations  
 APPROVED

MMDadoda

3/22/2021 4:13:56 PM

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 20 01:36:44 2021  
 Response via : Initial Calibration



TIC: VW018382.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 2.12 ug/L m

response 14847

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 119.90 |
| 86.00 | 65.90  | 68.60  |
| 0.00  | 0.00   | 0.00   |

*Handwritten:* 7MO  
 3/30/21

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 Sample : M1685-05  
 Misc : 5.76G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 BG491

Manual Integrations  
 APPROVED

MMDadoda

3/22/2021 4:13:56 PM

Quant Time: Mar 20 01:38:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 20 01:36:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|----------------|----------|-----------|-------|----------|
| Internal Standards            |        |                |          |           |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 427777   | 25.00     | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 383489   | 25.00     | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 173723   | 25.00     | ug/L  | 0.00     |
| System Monitoring Compounds   |        |                |          |           |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65             | 176702   | 29.68     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | = 118.72% |       |          |
| 7) Chloroethane-d5            | 2.891  | 69             | 157236   | 30.17     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | = 120.68% |       |          |
| 10) 1,1-Dichloroethene-d2     | 4.019  | 63             | 216340   | 21.05     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | = 84.20%  |       |          |
| 20) 2-Butanone-d5             | 7.074  | 46             | 81103    | 61.20     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | = 122.40% |       |          |
| 24) Chloroform-d              | 7.647  | 84             | 301869   | 27.71     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | = 110.84% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 183153   | 28.80     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | = 115.20% |       |          |
| 29) Benzene-d6                | 8.275  | 84             | 583538   | 28.62     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | = 114.48% |       |          |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67             | 170080   | 28.92     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | = 115.68% |       |          |
| 37) Toluene-d8                | 10.323 | 98             | 550206   | 28.03     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | = 112.12% |       |          |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79             | 81253    | 26.79     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | = 107.16% |       |          |
| 39) 2-Hexanone-d5             | 10.921 | 63             | 70230    | 61.02     | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | = 122.04% |       |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 151264   | 28.75     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | = 115.00% |       |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 174877   | 28.31     | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | = 113.24% |       |          |
| Target Compounds              |        |                |          |           |       |          |
| 13) Acetone                   | 4.141  | 43             | 2777     | 2.92      | ug/L  | 57       |
| 16) Methylene chloride        | 4.928  | 84             | 14847m   | 2.12      | ug/L  |          |

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

7 MD  
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