

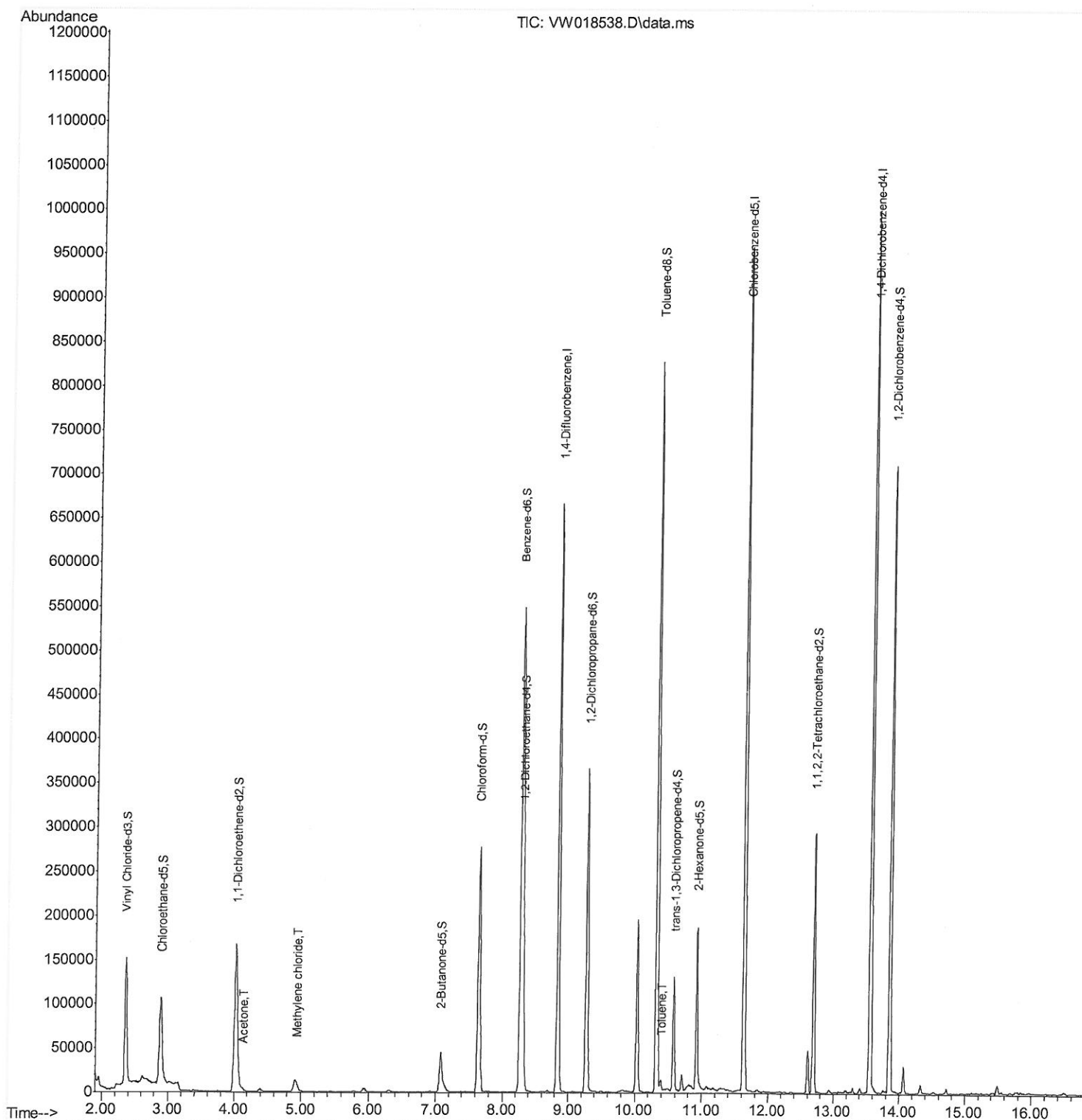
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040121\  
Data File : VW018538.D  
Acq On : 01 Apr 2021 16:09  
Operator : SY/VA  
Sample : M1896-05  
Misc : 6.11G/10ML/MSVOA\_W/SOIL  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG581

Manual Integrations  
APPROVED

MMDadoda  
4/6/2021 1:05:28 PM

Quant Time: Apr 02 03:32:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 02 03:28:33 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

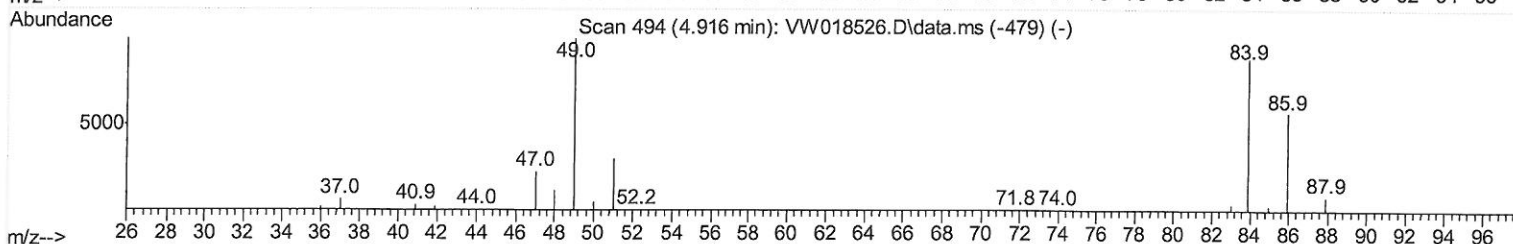
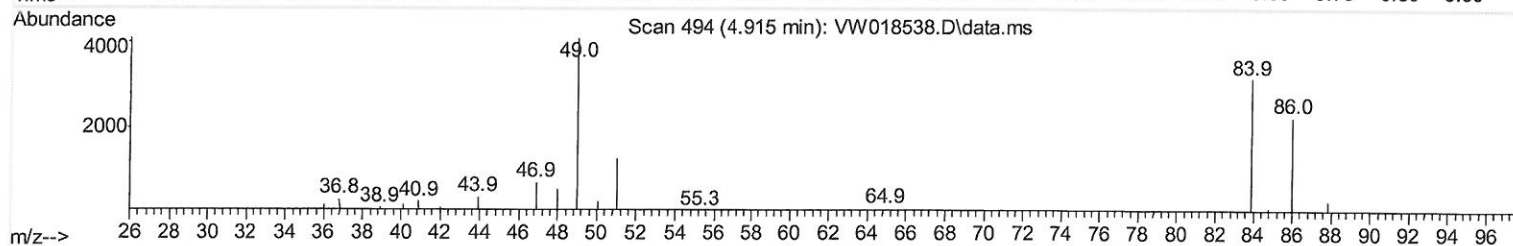
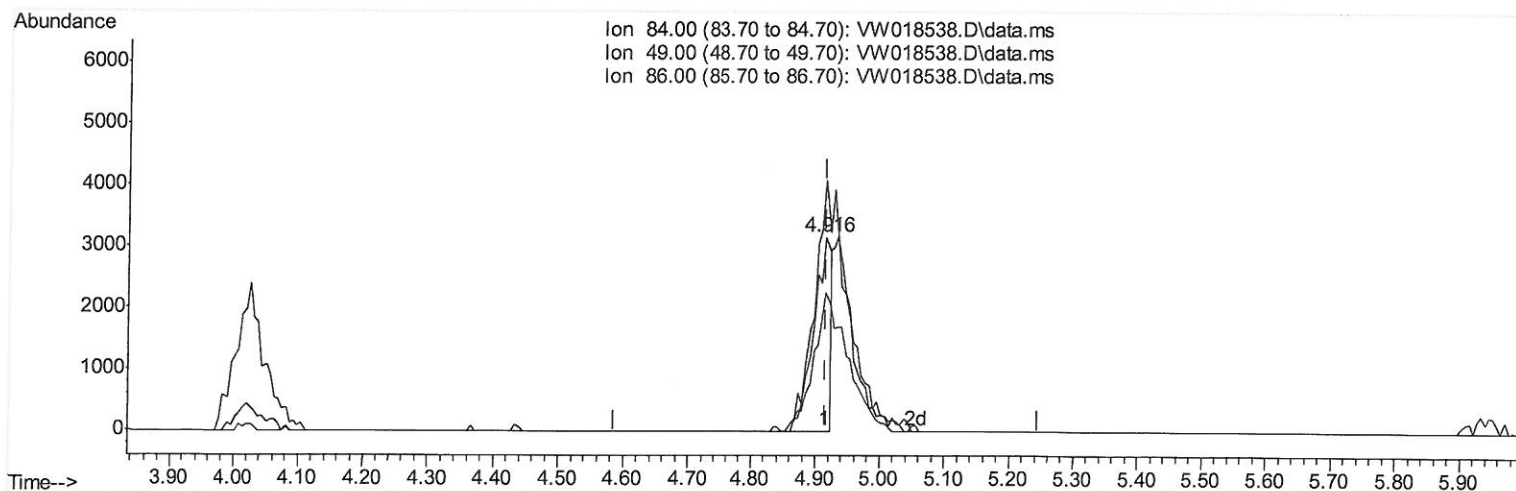
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TIC: VW018538.D\data.ms

(16) Methylene chloride (T)

4.915min (-0.000) 0.65 ug/L

response 5781

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 129.63 |
| 86.00 | 65.90  | 71.32  |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

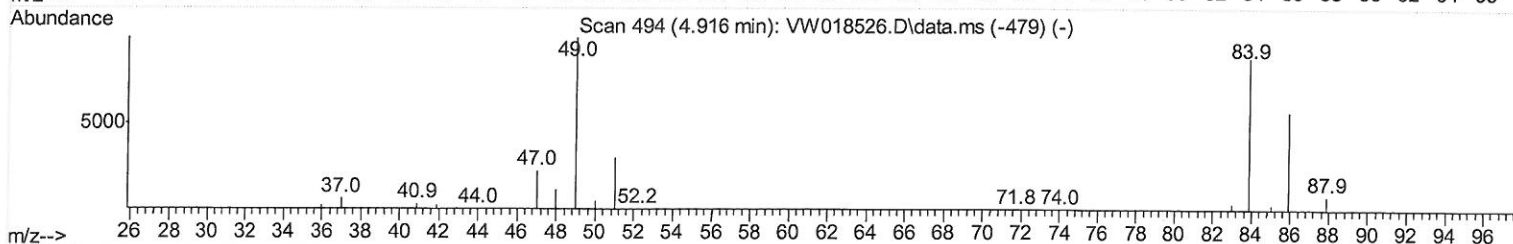
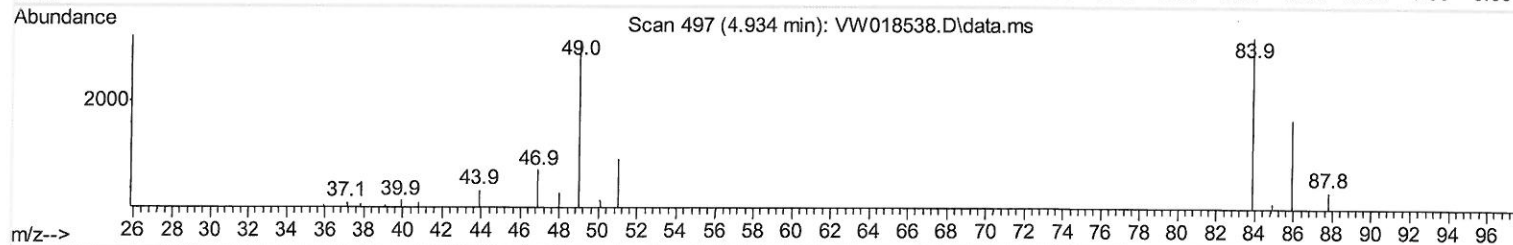
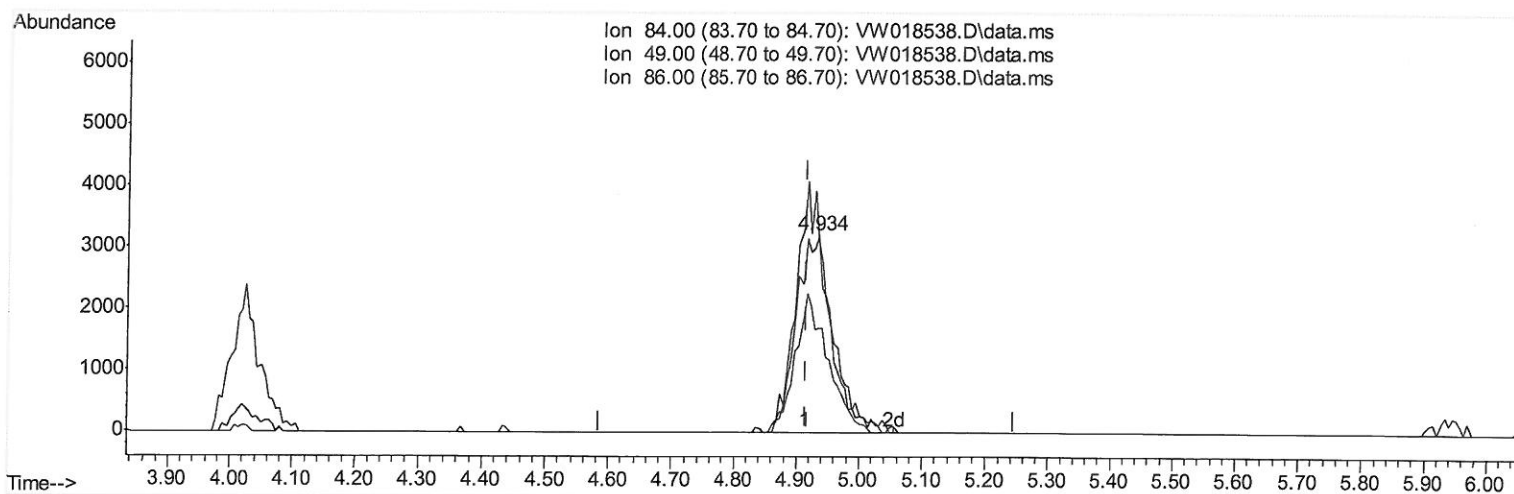
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Manual Integrations  
APPROVED

MMDadoda  
4/6/2021 1:05:28 PM

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 02 03:28:33 2021  
Response via : Initial Calibration



TIC: VW018538.D\data.ms

(16) Methylene chloride (T)

4.934min (+ 0.018) 1.41 ug/L m

response 12560

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 97.28  |
| 86.00 | 65.90  | 52.56  |
| 0.00  | 0.00   | 0.00   |

7 MD  
4/9/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040121\  
 Data File : VW018538.D  
 Acq On : 01 Apr 2021 16:09  
 Operator : SY/VA  
 Sample : M1896-05  
 Misc : 6.11G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG581

Manual Integrations  
 APPROVED

MMDadoda  
 4/6/2021 1:05:28 PM

Quant Time: Apr 02 03:32:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 02 03:28:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|-------|----------|
| Internal Standards            |                |      |            |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 541630     | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 511619     | 25.00  | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 247519     | 25.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |        |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 184737     | 24.51  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 98.04% |       |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 141759     | 21.49  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 85.96% |       |          |
| 10) 1,1-Dichloroethane-d2     | 4.025          | 63   | 194526     | 14.95  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 59.80% |       |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 75627      | 45.07  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 90.14% |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 274463     | 19.90  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 79.60% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 175290     | 21.77  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.08% |       |          |
| 29) Benzene-d6                | 8.275          | 84   | 557844     | 20.51  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 82.04% |       |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 160654     | 20.48  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 81.92% |       |          |
| 37) Toluene-d8                | 10.323         | 98   | 528011     | 20.16  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 80.64% |       |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 65824      | 16.27  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 65.08% |       |          |
| 39) 2-Hexanone-d5             | 10.921         | 63   | 60204      | 39.21  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 78.42% |       |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 142791     | 20.35  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 81.40% |       |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 172407     | 19.59  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 78.36% |       |          |
| Target Compounds              |                |      |            |        |       |          |
| 13) Acetone                   | 4.135          | 43   | 4967       | 4.12   | ug/L  | 80       |
| 16) Methylene chloride        | 4.934          | 84   | 12560m     | 1.41   | ug/L  | 96       |
| 44) Toluene                   | 10.390         | 91   | 8758       | 0.26   | ug/L  | 96       |

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

7 m8  
 4/9/21