

## Quantitation Report (Qedit)

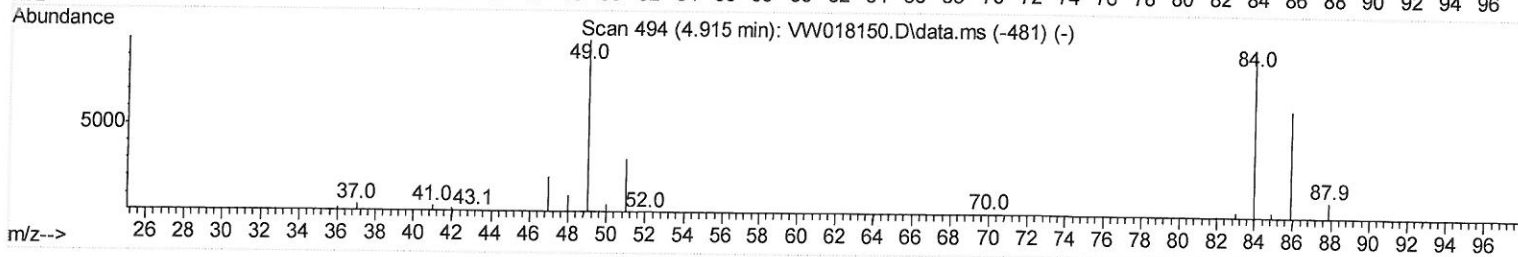
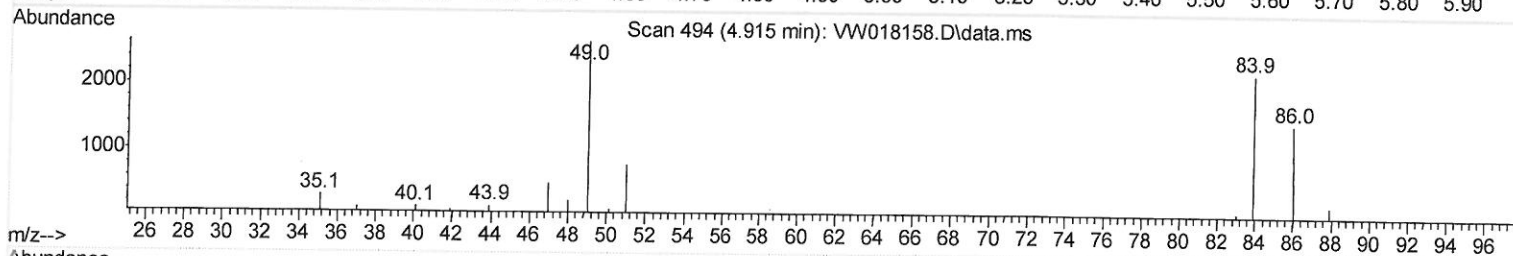
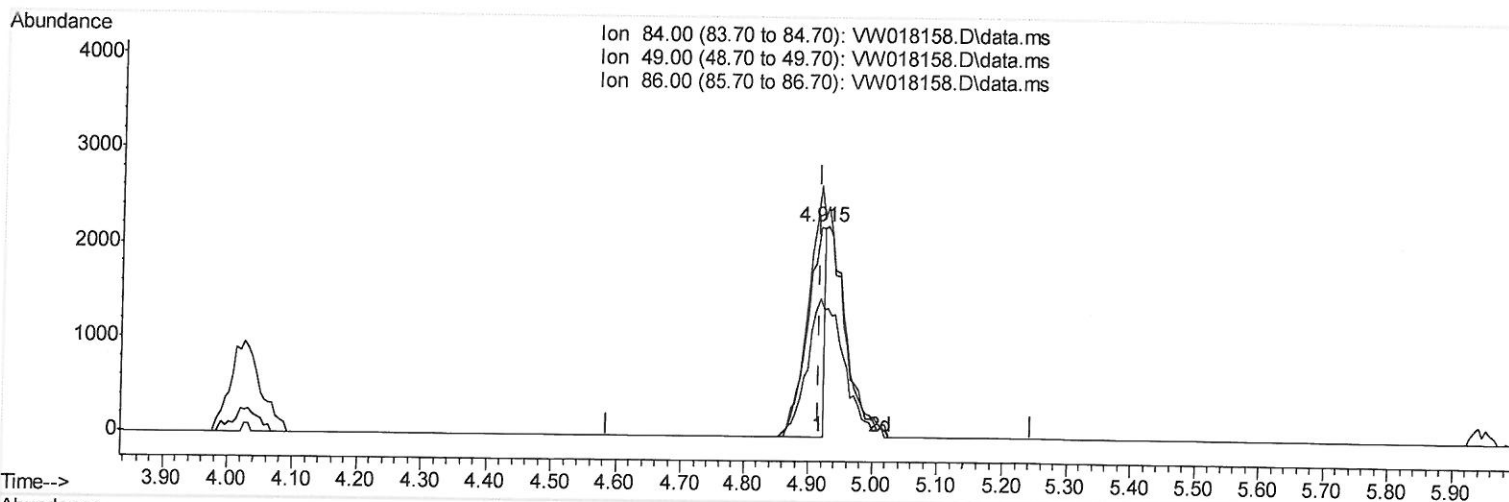
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021621\  
Data File : VW018158.D  
Acq On : 16 Feb 2021 13:27  
Operator : SY/VA  
Sample : M1414-11  
Misc : 4.30G/10ML/MSVOA\_W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBGX7

Manual Integrations  
APPROVED

MMDadoda  
2/18/2021 11:54:23 AM

Quant Time: Feb 17 01:05:08 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Feb 17 01:02:43 2021  
Response via : Initial Calibration



TIC: VW018158.D\data.ms

(16) Methylene chloride (T)

4.915min (+ 0.000) 0.71 ug/L

response 4203

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 116.00 | 120.01 |
| 86.00 | 63.60  | 65.88  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

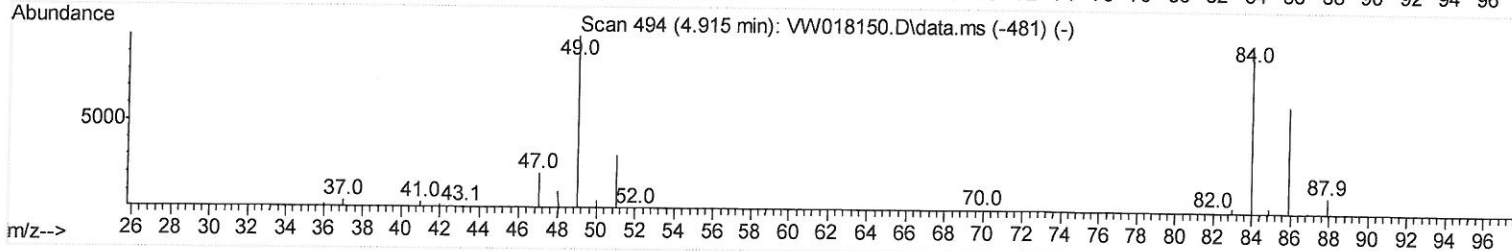
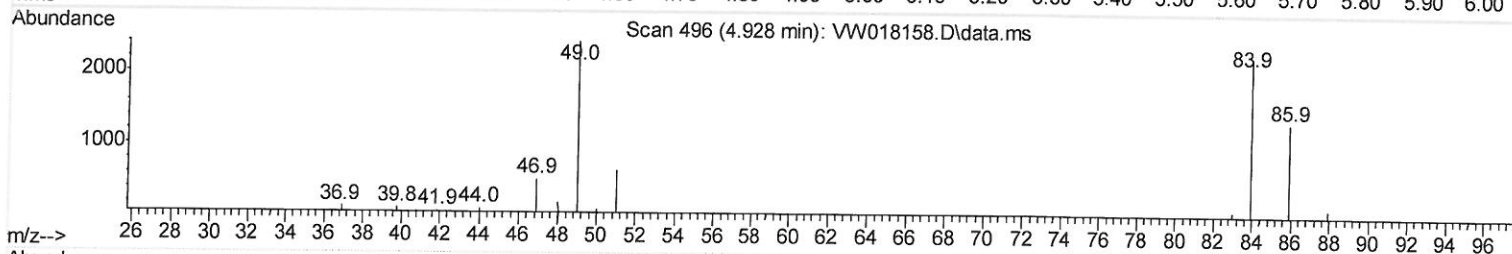
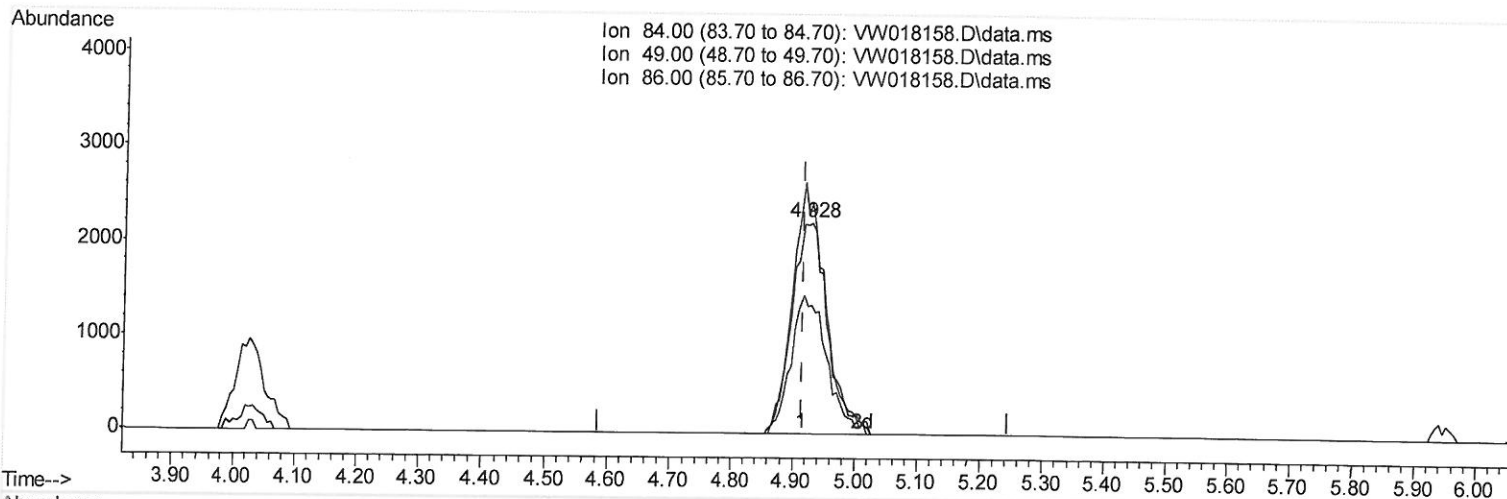
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TIC: VW018158.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 1.49 ug/L m

response 8865

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 116.00 | 109.35 |
| 86.00 | 63.60  | 60.81  |
| 0.00  | 0.00   | 0.00   |

202/19/21 524

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 DBGX7

Manual Integrations  
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| Compound                      | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|-------|----------|
| -----                         |                |      |            |        |       |          |
| Internal Standards            |                |      |            |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 371318     | 25.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 339945     | 25.00  | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 179374     | 25.00  | ug/L  | 0.00     |
|                               |                |      |            |        |       |          |
| System Monitoring Compounds   |                |      |            |        |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 78468      | 17.00  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.00% |       |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 66279      | 18.10  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 72.40% |       |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 125431     | 13.60  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 54.40% |       |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 46631      | 37.87  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 75.74% |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 208586     | 21.41  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 85.64% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 105858     | 20.40  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 81.60% |       |          |
| 29) Benzene-d6                | 8.275          | 84   | 406595     | 21.78  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 87.12% |       |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 116040     | 22.23  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 88.92% |       |          |
| 37) Toluene-d8                | 10.323         | 98   | 381930     | 21.51  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 86.04% |       |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 48327      | 20.42  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.68% |       |          |
| 39) 2-Hexanone-d5             | 10.920         | 63   | 39921      | 40.00  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 80.00% |       |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 96457      | 21.03  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 84.12% |       |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 148322     | 23.18  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 92.72% |       |          |
|                               |                |      |            |        |       |          |
| Target Compounds              |                |      |            |        |       |          |
| 13) Acetone                   | 4.123          | 43   | 13087      | 14.36  | ug/L  | 98       |
| 16) Methylene chloride        | 4.928          | 84   | 8865m      | 1.49   | ug/L  | 95       |
| 43) 4-Methyl-2-pentanone      | 10.207         | 43   | 3041       | 1.07   | ug/L  | 95       |
| -----                         |                |      |            |        |       |          |

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

Qvalue

98

95

95

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