

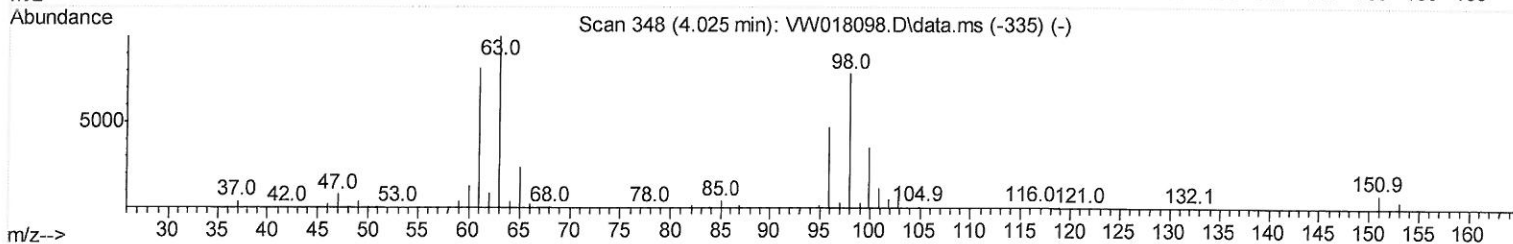
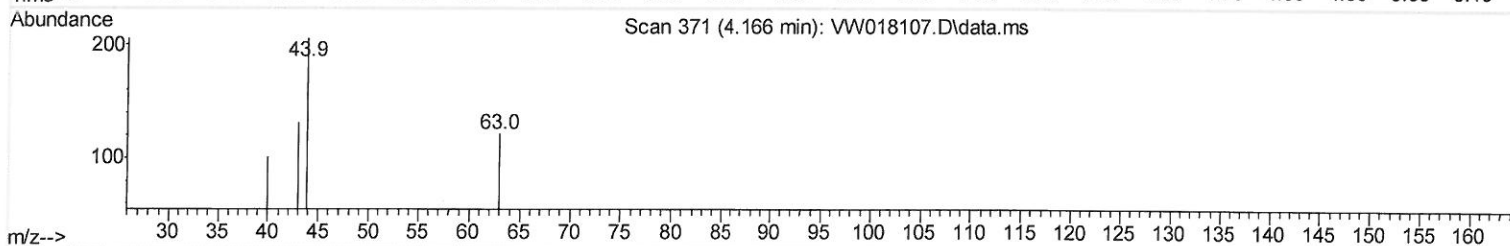
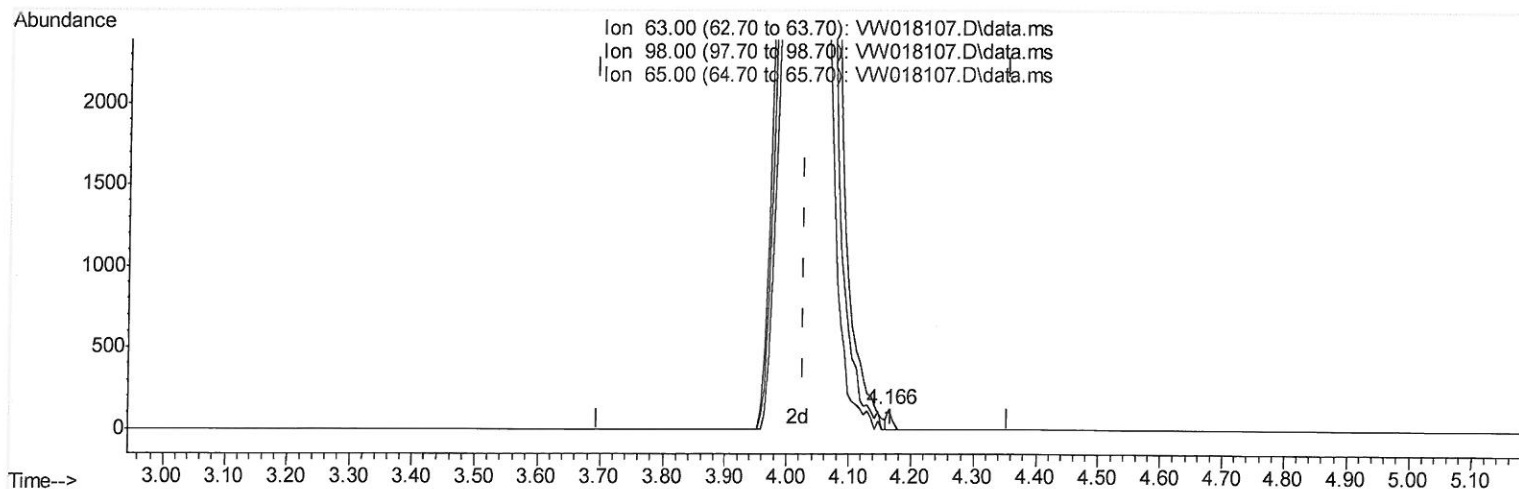
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021221\  
Data File : VW018107.D  
Acq On : 12 Feb 2021 13:59  
Operator : SY/VA  
Sample : M1371-23  
Misc : 7.65G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBGX8

Manual Integrations  
APPROVED

MMDadoda  
2/16/2021 12:57:08 PM

Quant Time: Feb 12 22:45:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 12 22:41:34 2021  
Response via : Initial Calibration



TIC: VW018107.D\data.ms

(10) 1,1-Dichloroethene-d2 (S)

4.166min (+ 0.140) 0.01 ug/L

response 64

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 76.30  | 60.94  |
| 65.00 | 23.70  | 29.69  |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

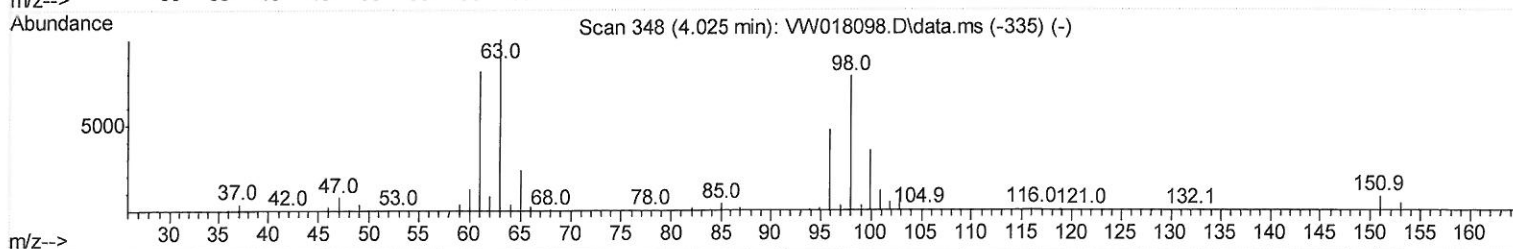
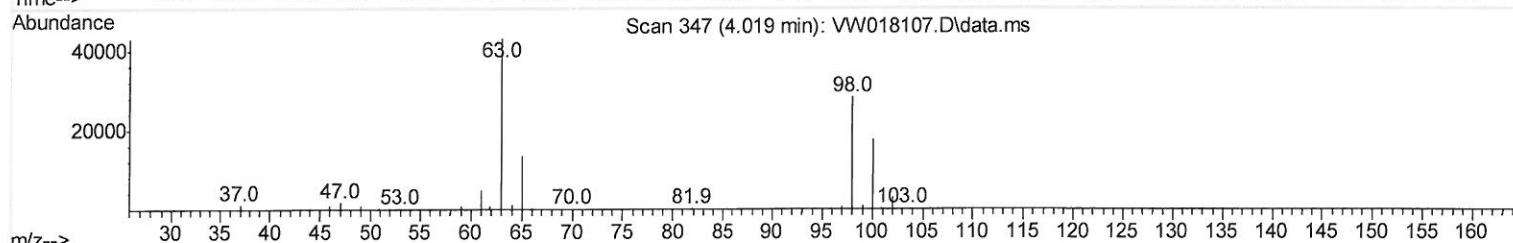
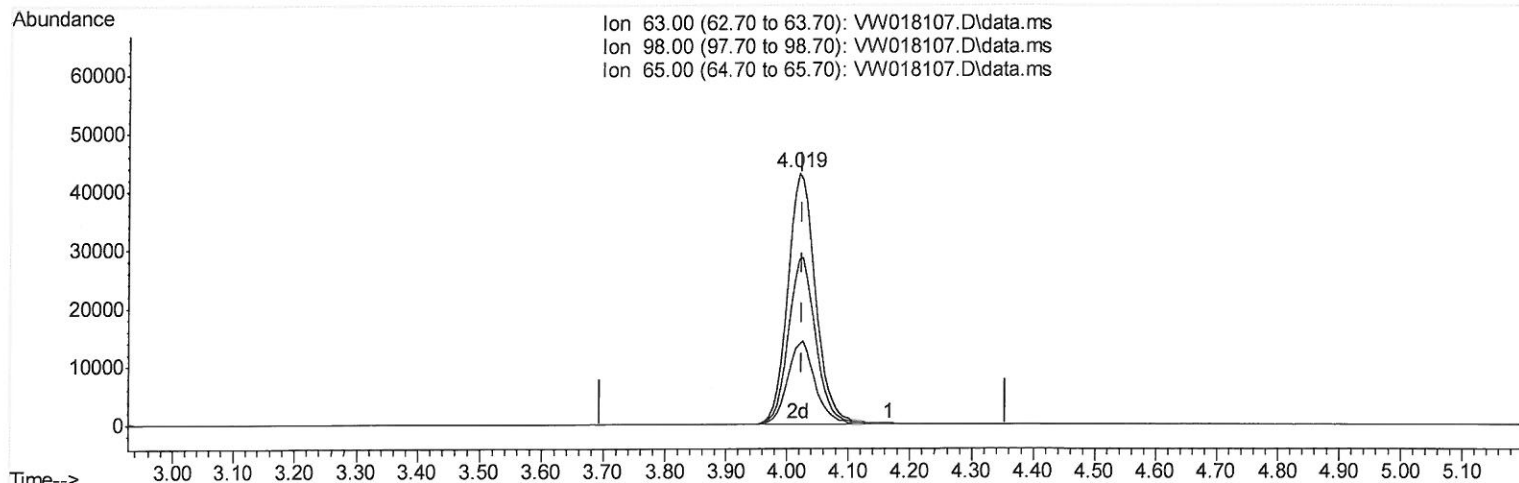
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TIC: VW018107.D\data.ms

(10) 1,1-Dichloroethene-d2 (S)

4.019min (-0.006) 12.21 ug/L m

response 137060

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 76.30  | 0.03#  |
| 65.00 | 23.70  | 0.01#  |
| 0.00  | 0.00   | 0.00   |

76217/2154

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 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
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Quant Time: Feb 12 22:45:09 2021  
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 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene     | 8.841  | 114  | 451724   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.634 | 117  | 394422   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.554 | 152  | 190305   | 25.00 | ug/L  | 0.00     |

|                               |                |     |            |        |      |      |
|-------------------------------|----------------|-----|------------|--------|------|------|
| System Monitoring Compounds   |                |     |            |        |      |      |
| 4) Vinyl Chloride-d3          | 2.355          | 65  | 84020      | 14.97  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 30 - 150 |     | Recovery = | 59.88% |      |      |
| 7) Chloroethane-d5            | 2.891          | 69  | 73823      | 16.57  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 30 - 150 |     | Recovery = | 66.28% |      |      |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63  | 137060m    | 12.21  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 45 - 110 |     | Recovery = | 48.84% |      |      |
| 20) 2-Butanone-d5             | 7.080          | 46  | 45669      | 30.48  | ug/L | 0.00 |
| Spiked Amount 50.000          | Range 20 - 135 |     | Recovery = | 60.96% |      |      |
| 24) Chloroform-d              | 7.647          | 84  | 234809     | 19.81  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 40 - 150 |     | Recovery = | 79.24% |      |      |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65  | 122076     | 19.33  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 70 - 130 |     | Recovery = | 77.32% |      |      |
| 29) Benzene-d6                | 8.275          | 84  | 449857     | 20.77  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 20 - 135 |     | Recovery = | 83.08% |      |      |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67  | 130437     | 21.53  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 70 - 120 |     | Recovery = | 86.12% |      |      |
| 37) Toluene-d8                | 10.323         | 98  | 420695     | 20.42  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 30 - 130 |     | Recovery = | 81.68% |      |      |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79  | 52008      | 18.94  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 30 - 135 |     | Recovery = | 75.76% |      |      |
| 39) 2-Hexanone-d5             | 10.927         | 63  | 40708      | 35.15  | ug/L | 0.00 |
| Spiked Amount 50.000          | Range 20 - 135 |     | Recovery = | 70.30% |      |      |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694         | 84  | 106785     | 20.07  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 45 - 120 |     | Recovery = | 80.28% |      |      |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152 | 143304     | 21.11  | ug/L | 0.00 |
| Spiked Amount 25.000          | Range 75 - 120 |     | Recovery = | 84.44% |      |      |

|                        |       |    |       |      |      |           |
|------------------------|-------|----|-------|------|------|-----------|
| Target Compounds       |       |    |       |      |      |           |
| 16) Methylene chloride | 4.921 | 84 | 10684 | 1.48 | ug/L | Qvalue 93 |

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

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