

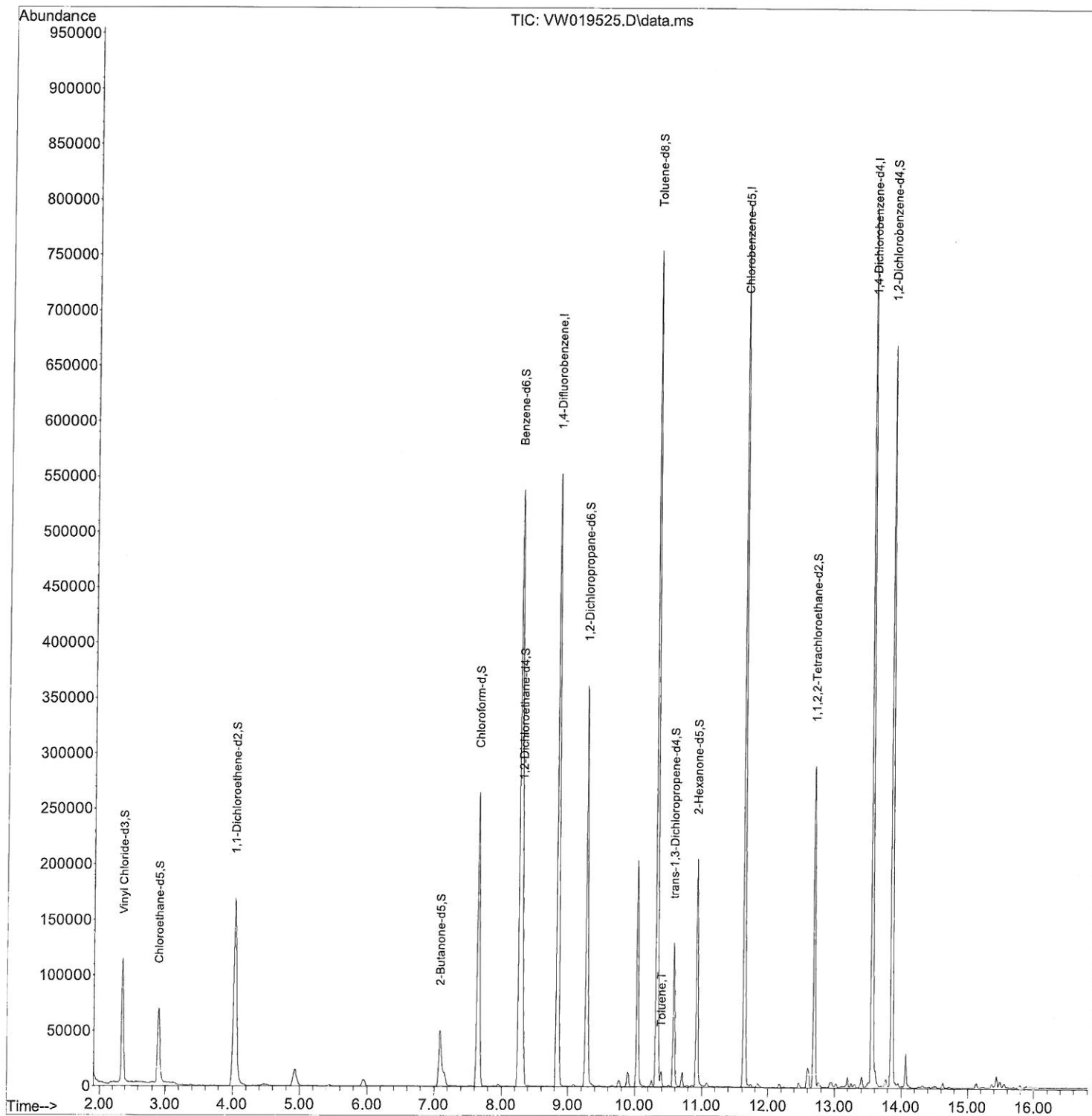
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072121\  
Data File : VW019525.D  
Acq On : 21 Jul 2021 10:59  
Operator : SY/VA  
Sample : VW0721SBL01  
Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK408

Manual Integrations  
APPROVED

MMDadoda  
7/27/2021 10:57:01 AM

Quant Time: Jul 22 01:00:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jul 22 00:59:45 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

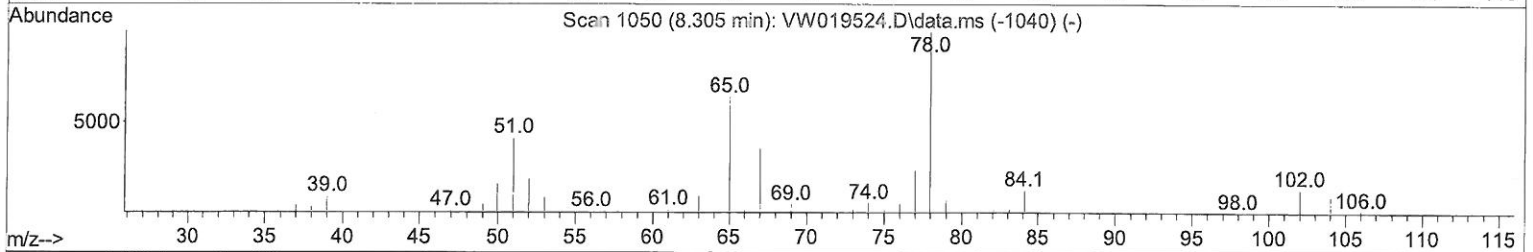
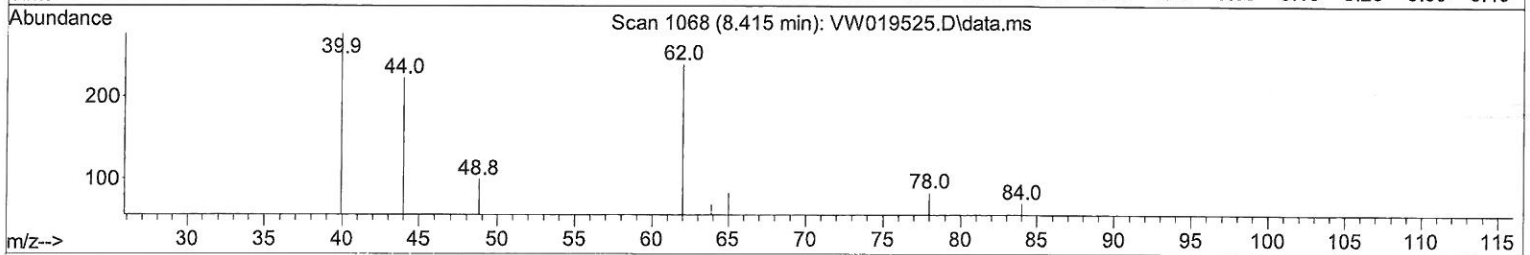
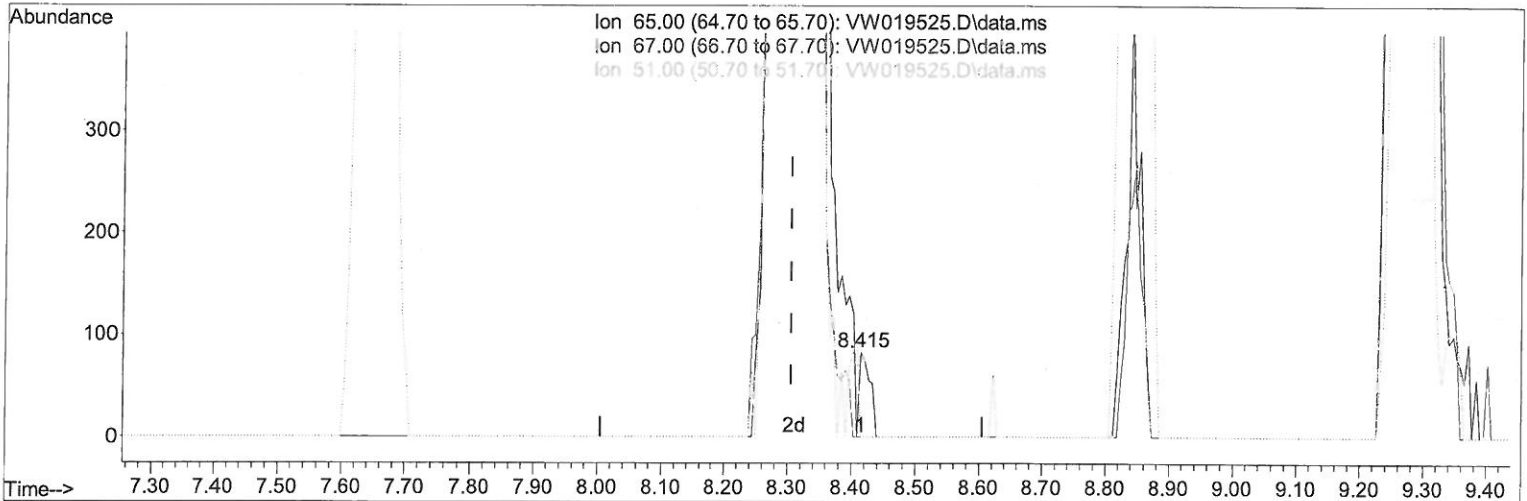
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TIC: VW019525.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.415min (+ 0.110) 0.01 ug/L

response 97

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.70  | 46.39  |
| 51.00 | 98.00  | 91.75  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

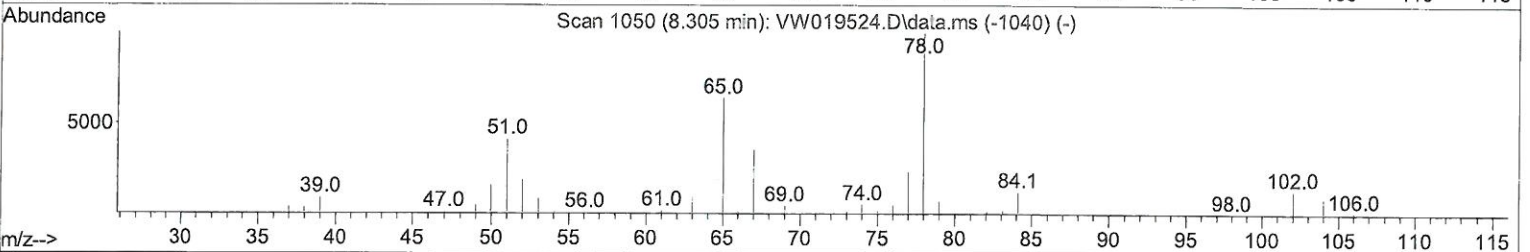
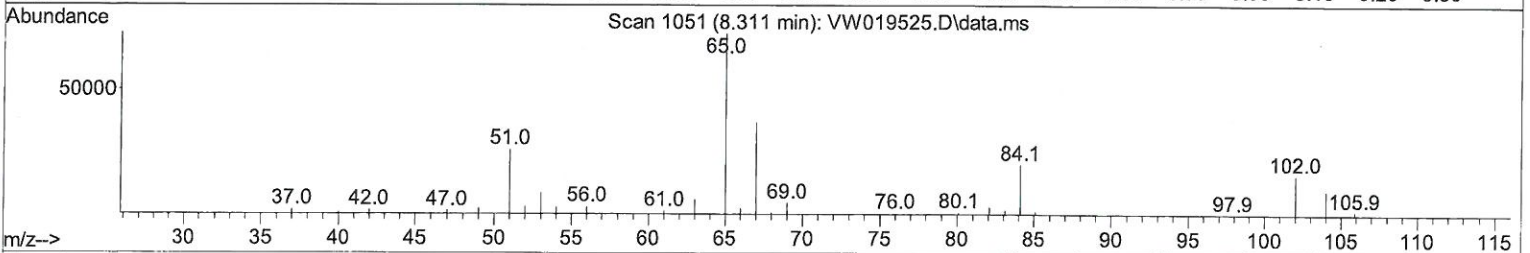
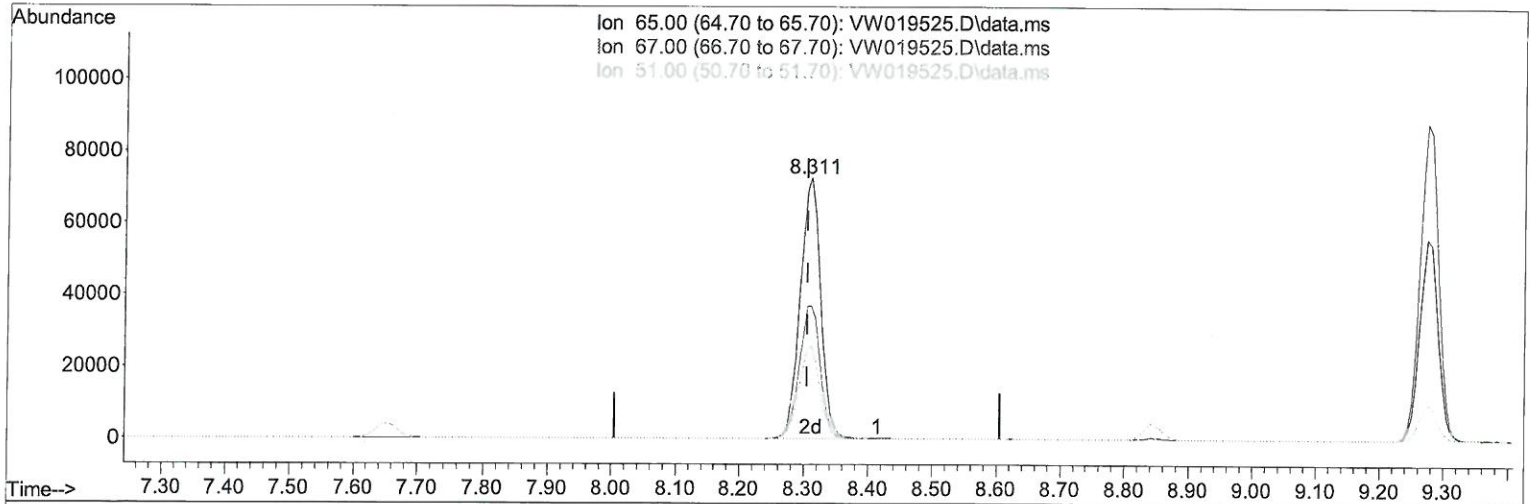
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK408

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2021 10:57:01 AM

Quant Time: Jul 22 01:00:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 22 00:59:45 2021  
 Response via : Initial Calibration



TIC: VW019525.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.311min (+ 0.006) 22.79 ug/L m

response 160215

Ion Exp% Act%

|       |        |        |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.70  | 0.03#  |
| 51.00 | 98.00  | 0.06#  |
| 0.00  | 0.00   | 0.00   |

7 MD  
 8/21/21

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 Operator : SY/VA  
 Sample : VW0721SBL01  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VBLK408

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2021 10:57:01 AM

Quant Time: Jul 22 01:00:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
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 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 463611     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 437552     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 210079     | 25.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 138974     | 21.157  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.640% |       |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 97767      | 20.871  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 83.480% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 202267     | 15.959  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 63.840% |       |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 90055      | 47.235  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.460% |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 278764     | 21.761  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 87.040% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 160215m    | 22.791  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 91.160% |       |          |
| 32) Benzene-d6                | 8.281          | 84   | 560333     | 21.513  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 86.040% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 176942     | 21.796  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 87.200% |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 508214     | 21.642  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 86.560% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 75651      | 21.760  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 87.040% |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 72176      | 47.923  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 95.840% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 150192     | 22.896  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 91.600% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 169718     | 22.897  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 91.600% |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 42) Toluene                   | 10.390         | 91   | 9532       | 0.334   | ug/L  | 92       |

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