

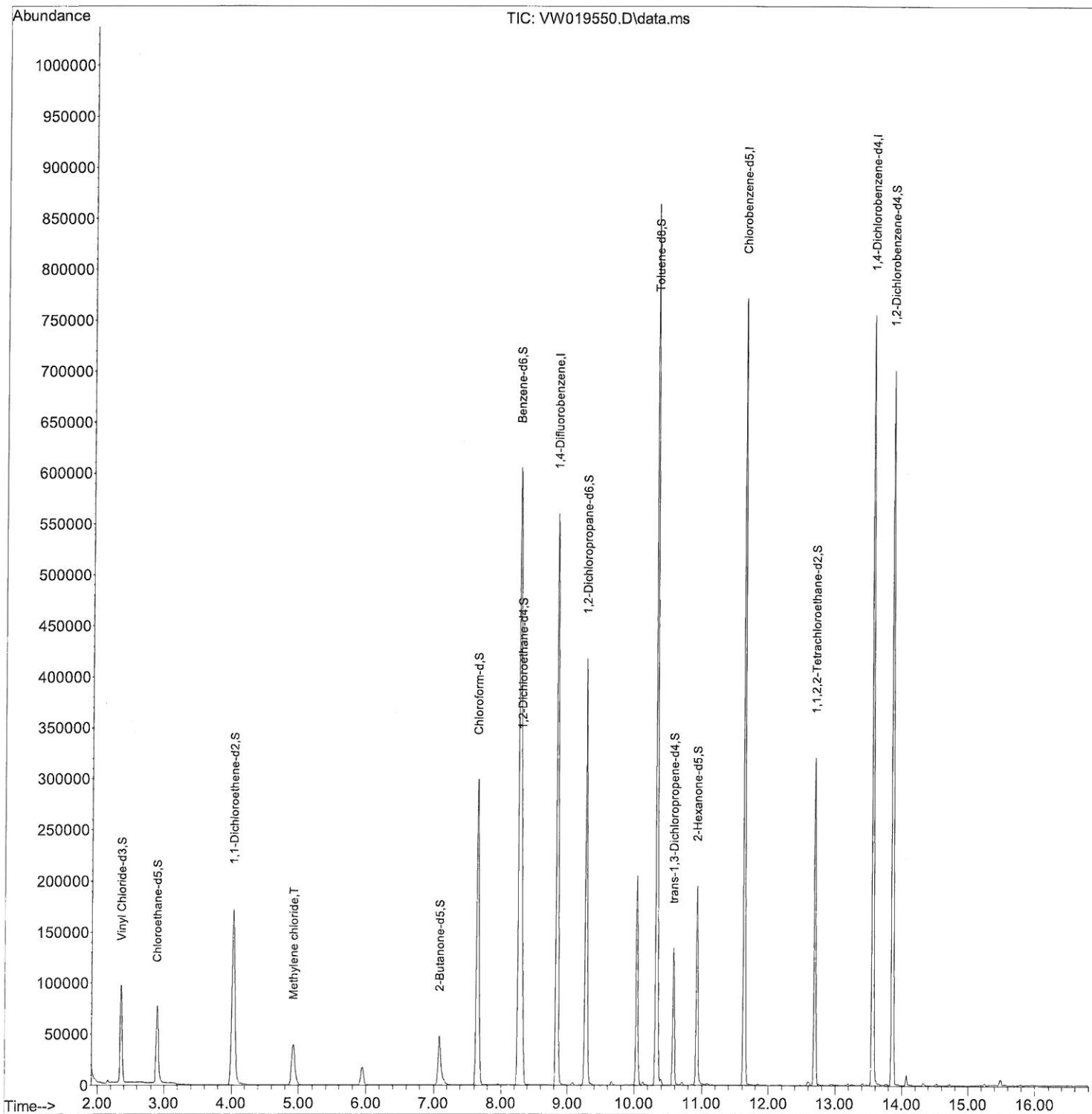
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072221\  
Data File : VW019550.D  
Acq On : 22 Jul 2021 13:55  
Operator : SY/VA  
Sample : M3106-02  
Misc : 5.88g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGD11

Manual Integrations  
APPROVED

MMDadoda  
7/23/2021 9:23:44 AM

Quant Time: Jul 23 01:49:47 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 23 01:46:10 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

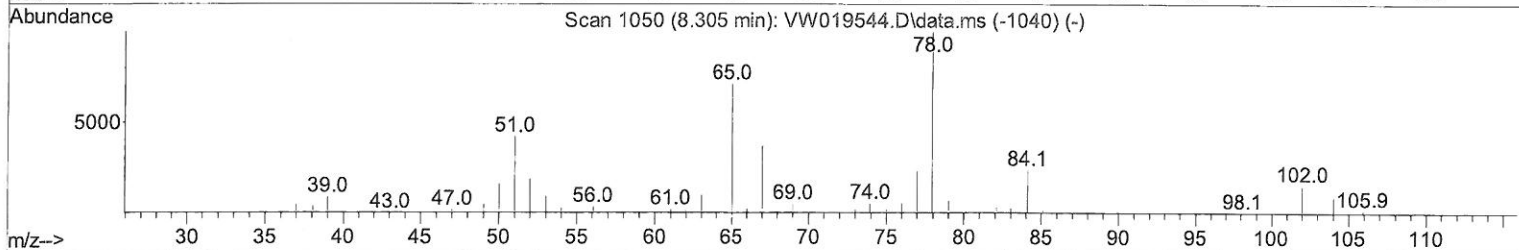
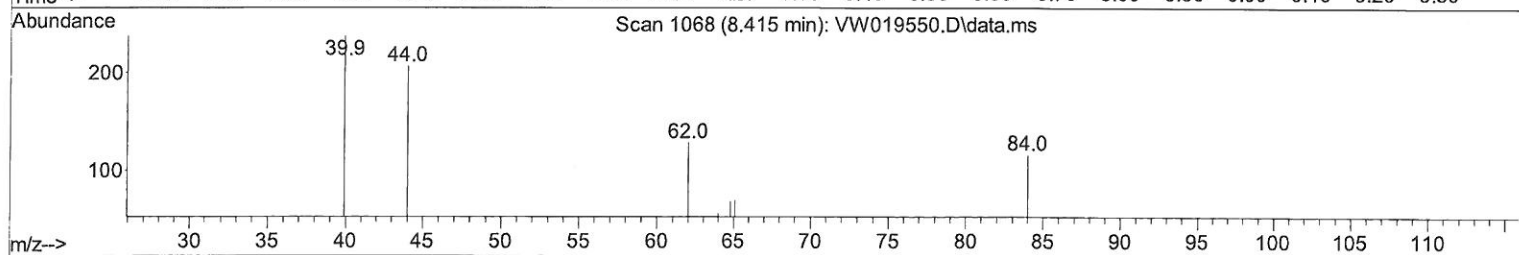
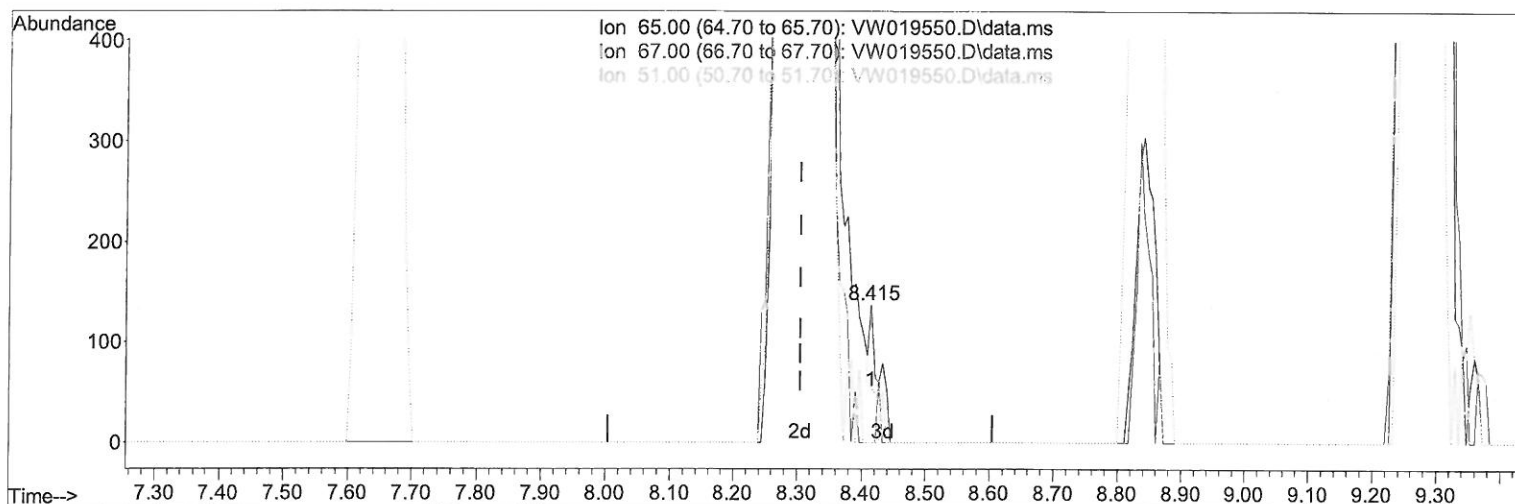
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TIC: VW019550.D\data.ms

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

8.415min (+ 0.110) 0.01 ug/L

response 39

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.70  | 48.72  |
| 51.00 | 98.00  | 69.23  |
| 0.00  | 0.00   | 0.00   |

## Quantitation Report (Qedit)

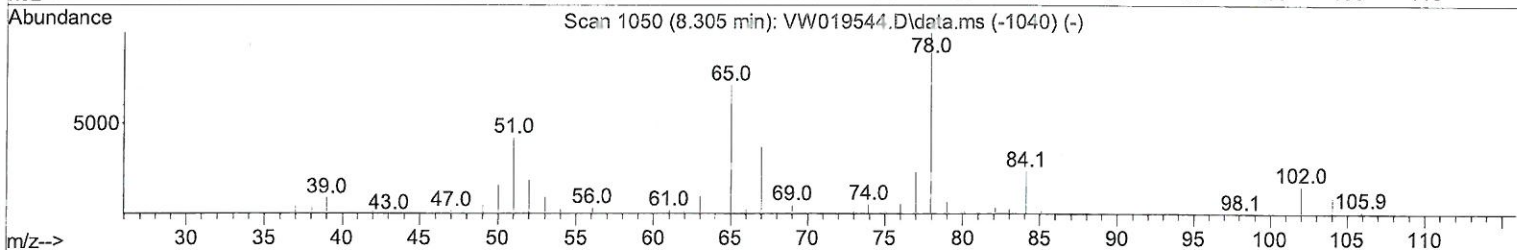
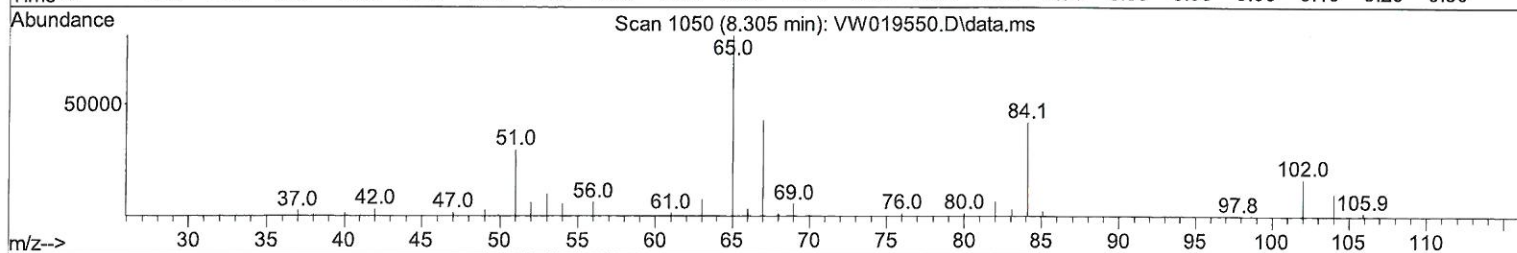
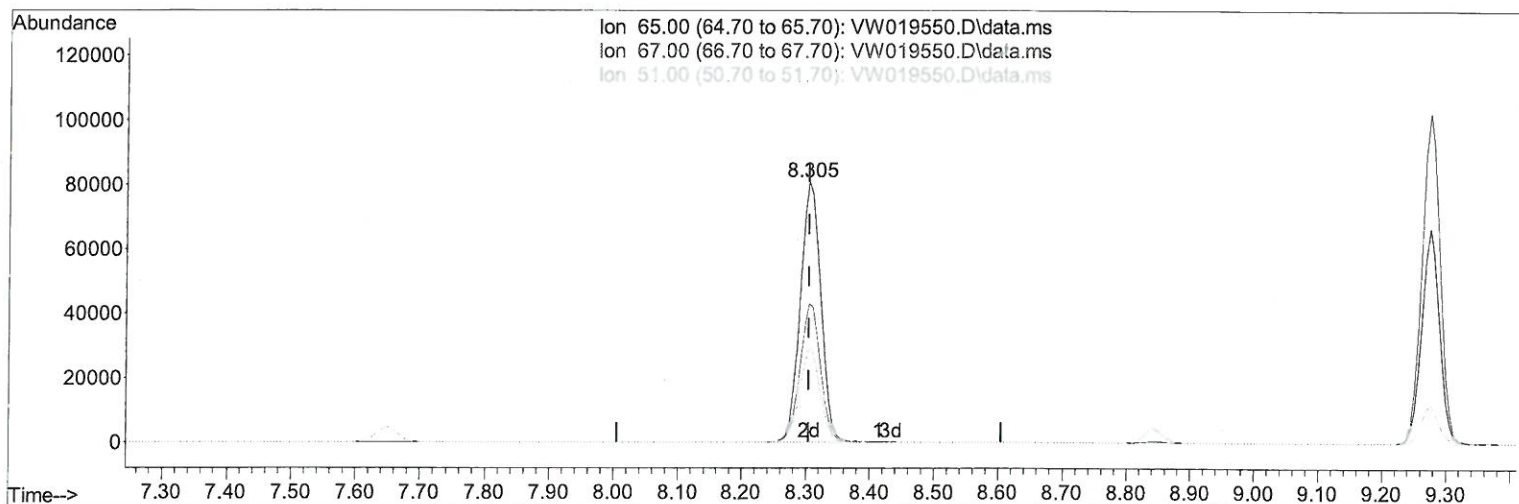
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Data File : VW019550.D  
Acq On : 22 Jul 2021 13:55  
Operator : SY/VA  
Sample : M3106-02  
Misc : 5.88g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGD11

Manual Integrations  
APPROVED

MMDadoda  
7/23/2021 9:23:44 AM

Quant Time: Jul 23 01:49:47 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 23 01:46:10 2021  
Response via : Initial Calibration



TIC: VW019550.D\data.ms

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

8.305min (+ 0.000) 25.67 ug/L m

response 180216

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.70  | 0.01#  |
| 51.00 | 98.00  | 0.01#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072221\  
 Data File : VW019550.D  
 Acq On : 22 Jul 2021 13:55  
 Operator : SY/VA  
 Sample : M3106-02  
 Misc : 5.88g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 BGD11

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2021 9:23:44 AM

Quant Time: Jul 23 01:49:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 23 01:46:10 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 462961     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 436967     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 201632     | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 112441     | 17.142   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.560%  |       |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 102276     | 21.865   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.440%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 198504     | 15.684   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 62.720%  |       |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 85814      | 45.074   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 90.140%  |       |          |
| 24) Chloroform-d              | 7.647          | 84   | 317394     | 24.812   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 99.240%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 180216m    | 25.672   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 102.680% |       |          |
| 32) Benzene-d6                | 8.275          | 84   | 628143     | 24.149   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 96.600%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 202114     | 24.930   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 99.720%  |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 558174     | 23.801   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 95.200%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 77001      | 22.178   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 88.720%  |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 67671      | 44.992   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.980%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 163016     | 24.885   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 99.520%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 187365     | 26.337   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 105.360% |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 16) Methylene chloride        | 4.922          | 84   | 34924      | 3.784    | ug/L  | 98       |

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

MD  
 7/30/21