Quantitation Report (Qedit)

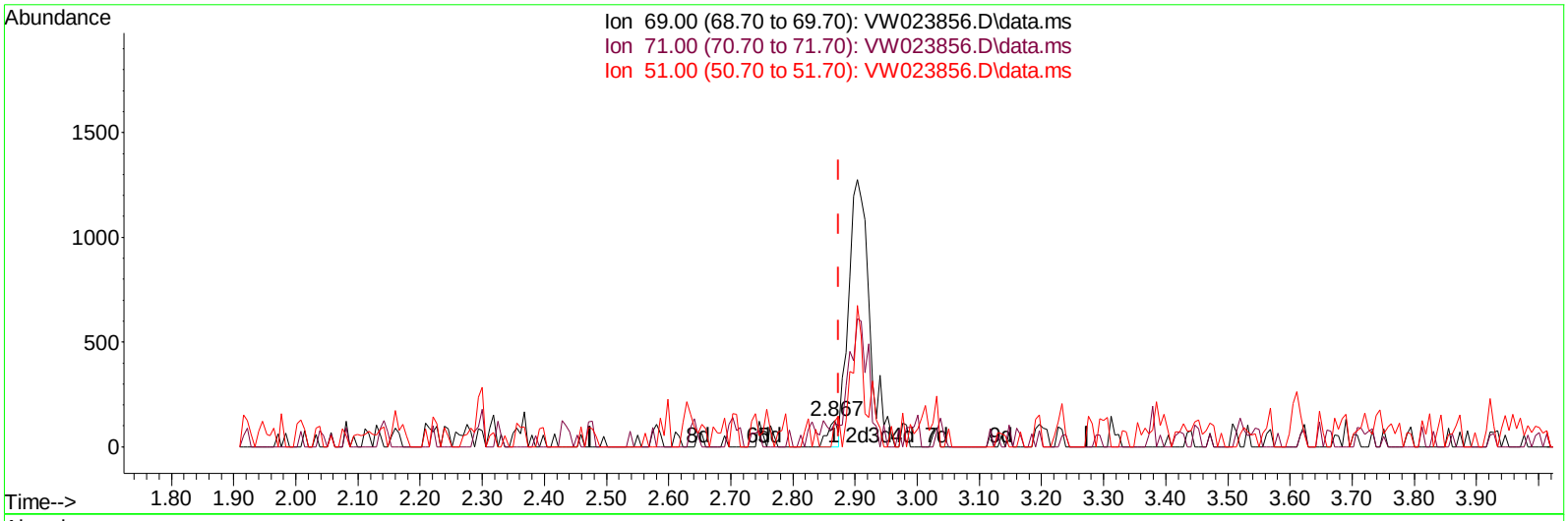
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023856.D
Acq On : 19 Jul 2022 00:01
Operator : SY/VA
Sample : N3721-08RE
Misc : 6.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

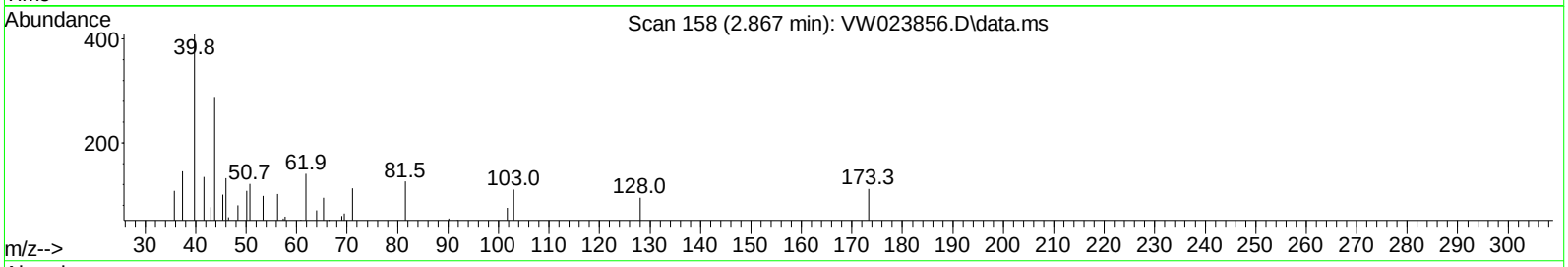
Quant Time: Jul 19 05:38:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 19 02:51:35 2022
Response via : Initial Calibration

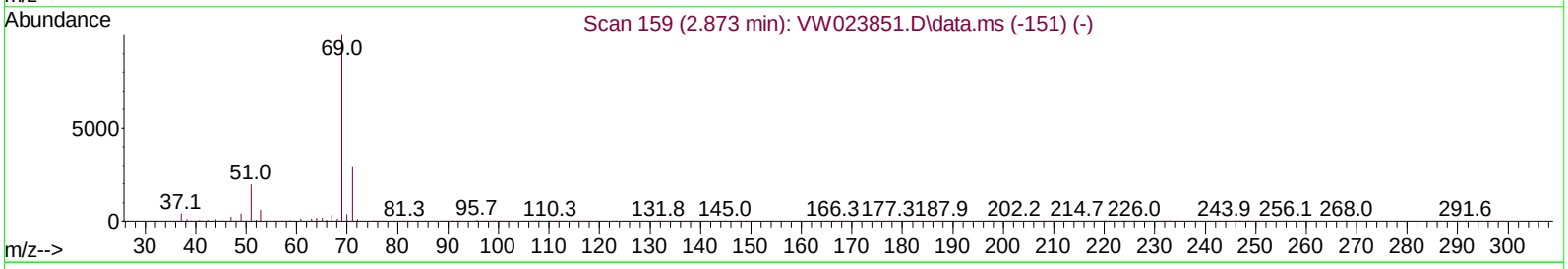
**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C28RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/19/2022
Supervised By :Mahesh Dadoda 07/20/2022




TIC: VW023856.D\data.ms

**(7) Chloroethane-d5 (S)**

**2.867min (-0.006) 0.98 ug/L**

**response 147**

| Ion | Exp% | Act% |
|---|---|---|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.30 | 53.74# |
| 51.00 | 25.30 | 66.67# |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SFAM01.0
QLast Update : Tue Jul 19 02:51:35 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C28RE

**Manual IntegrationsAPPROVED**

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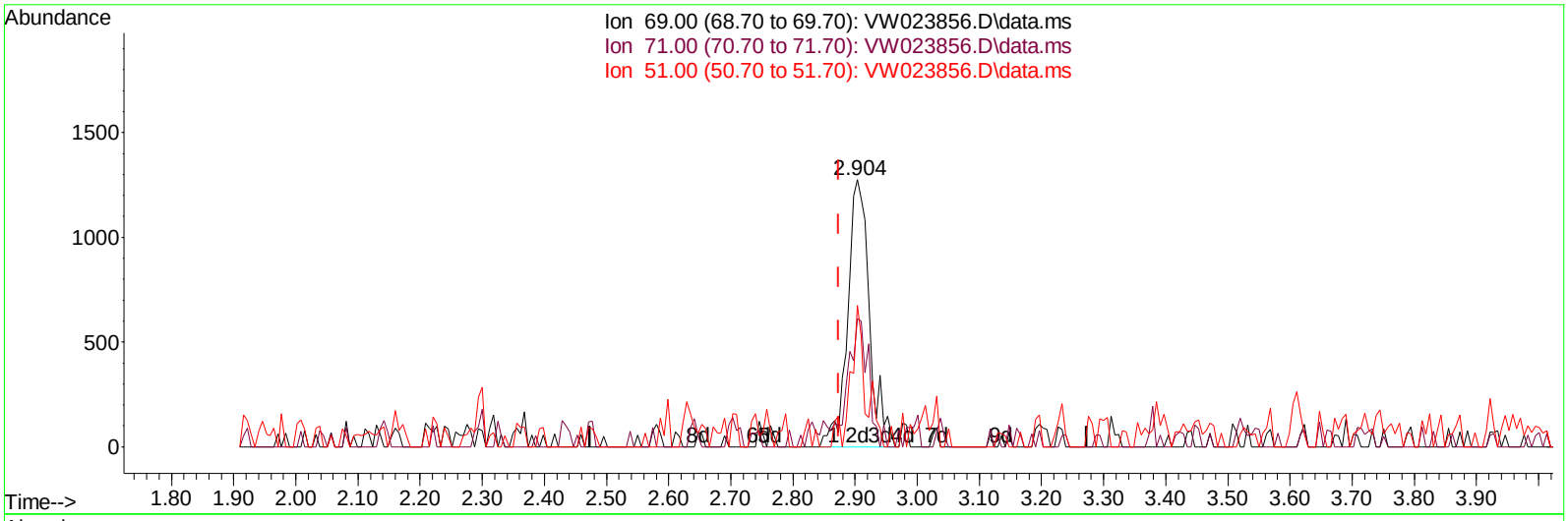


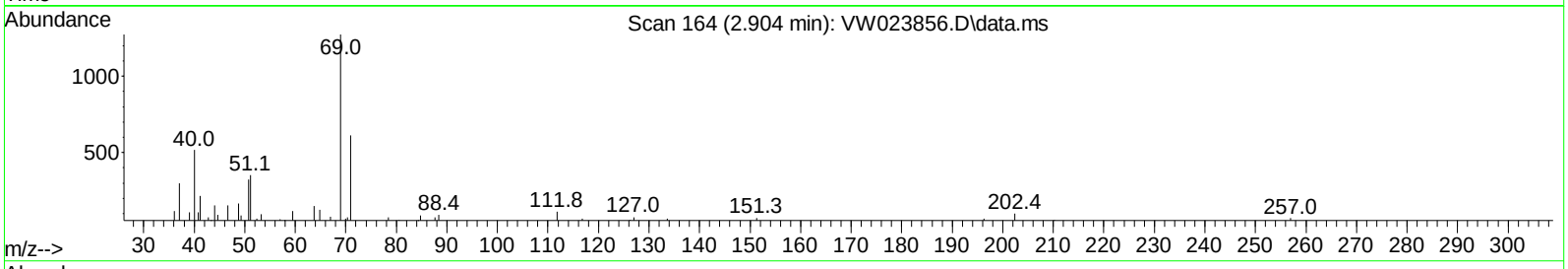


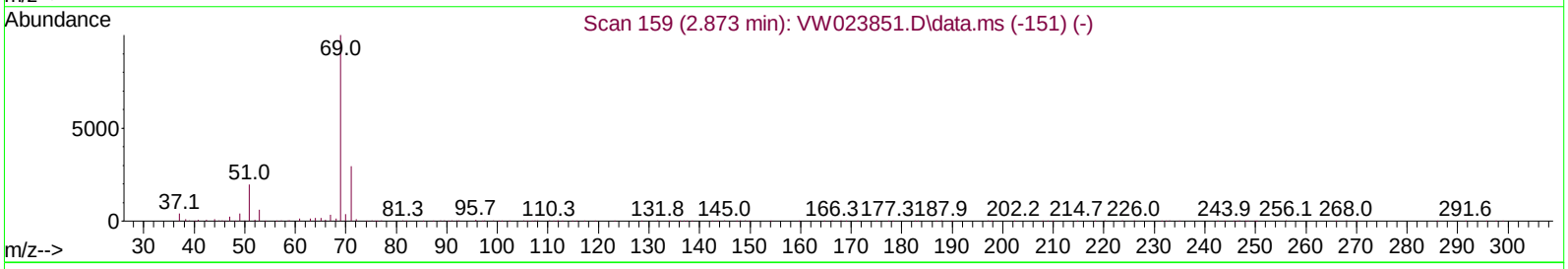


TIC: VW023856.D\data.ms

**(7) Chloroethane-d5 (S)**

**2.904min (+ 0.031) 20.92 ug/L m**

**response 3122**

| Ion | Exp% | Act% |
|---|---|---|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.30 | 2.53# |
| 51.00 | 25.30 | 3.14# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023856.D
Acq On : 19 Jul 2022 00:01
Operator : SY/VA
Sample : N3721-08RE
Misc : 6.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 05:38:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 19 02:51:35 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C28RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/19/2022
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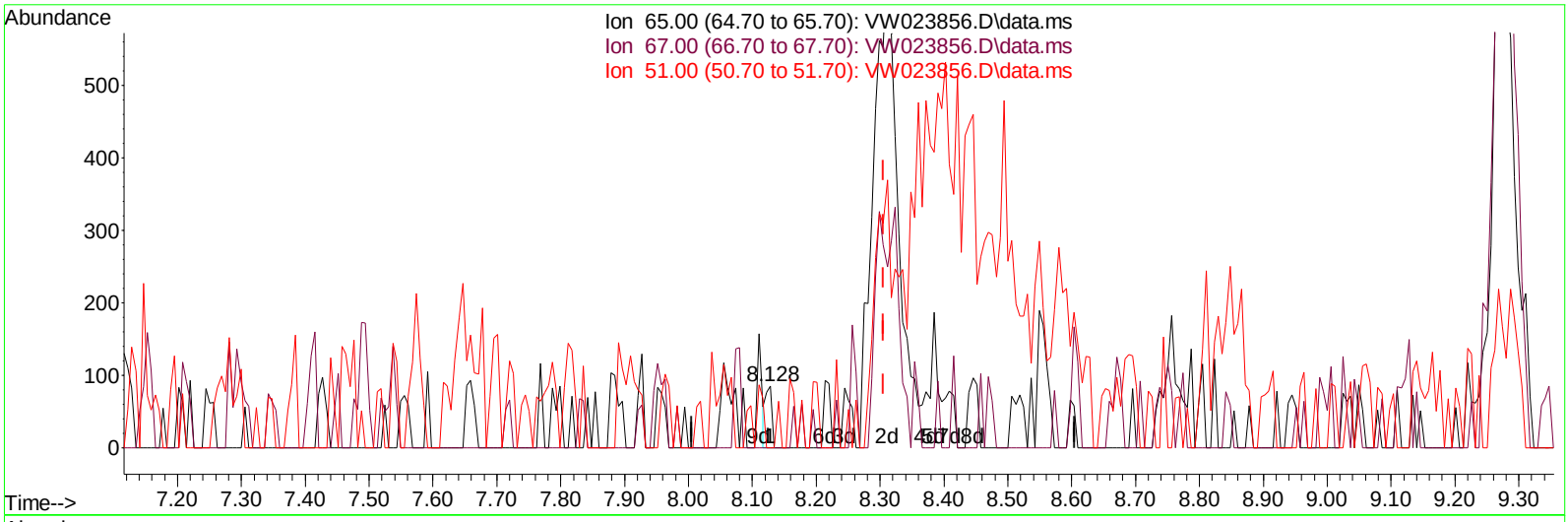


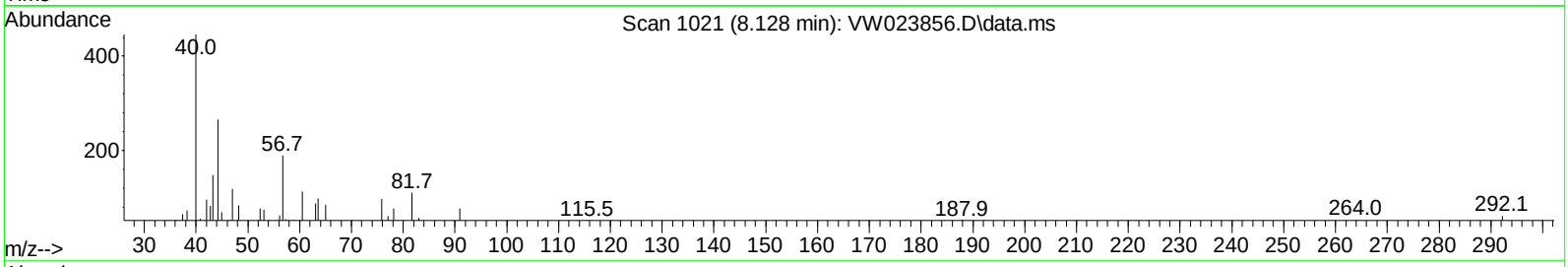


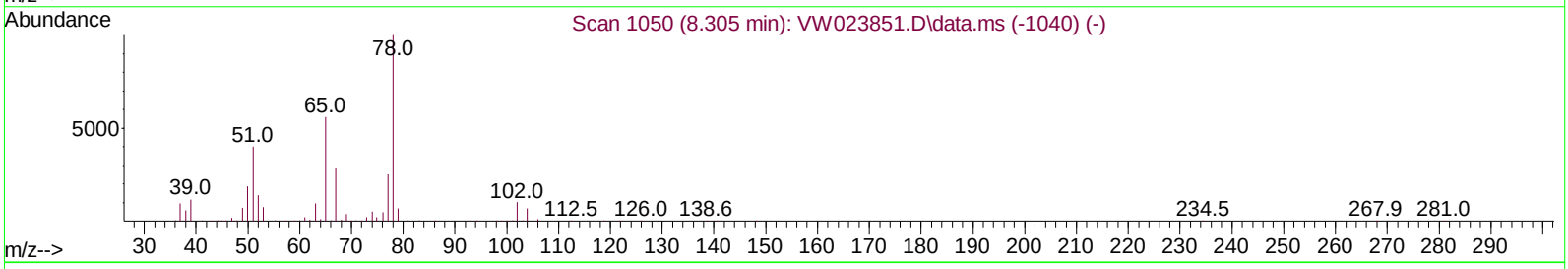


TIC: VW023856.D\data.ms

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

**8.128min (-0.177) 0.38 ug/L**

**response 59**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70 | 35.59 |
| 51.00 | 92.20 | 106.78 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023856.D
Acq On : 19 Jul 2022 00:01
Operator : SY/VA
Sample : N3721-08RE
Misc : 6.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 05:38:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 19 02:51:35 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C28RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/19/2022
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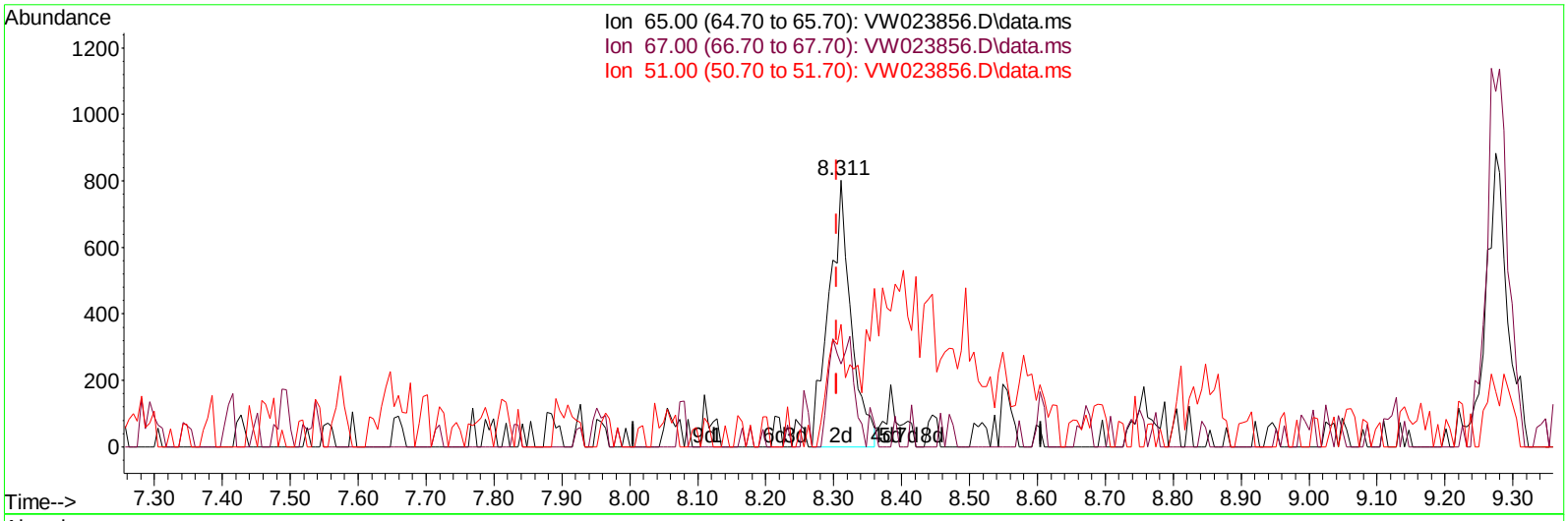


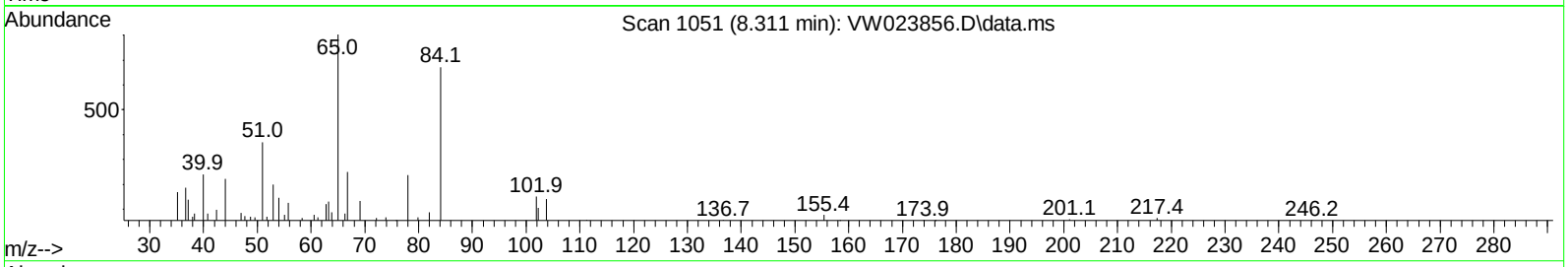


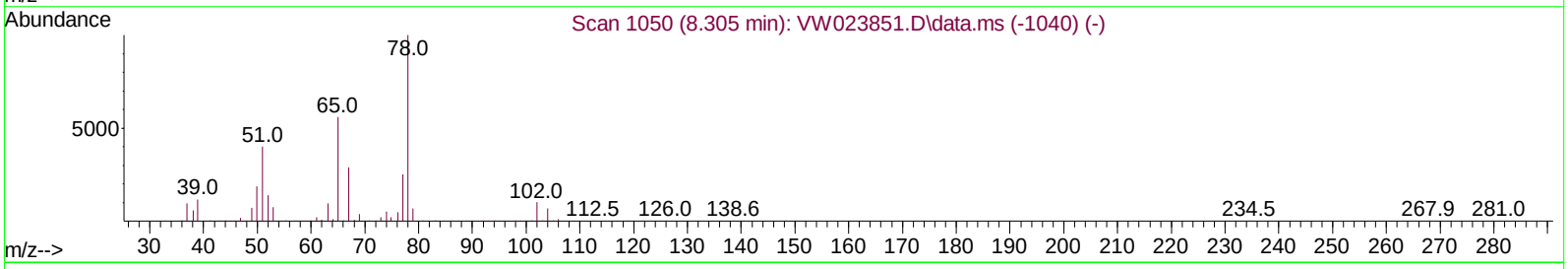


TIC: VW023856.D\data.ms

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

**8.311min (+ 0.006) 11.66 ug/L m**

**response 1819**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70 | 1.15# |
| 51.00 | 92.20 | 3.46# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023856.D
Acq On : 19 Jul 2022 00:01
Operator : SY/VA
Sample : N3721-08RE
Misc : 6.31g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 19 05:38:17 2022
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Quant Title : SFAM01.0
QLast Update : Tue Jul 19 02:51:35 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
F5C28RE

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 07/19/2022
Supervised By :Mahesh Dadoda 07/20/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 8759 | 25.000 | ug/L | # 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 3751 | 25.000 | ug/L | # 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 807 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.361 | 65 | 3857 | 17.241 | ug/L | 0.02 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 68.960% | | | |
| 7) Chloroethane-d5 | 2.904 | 69 | 3122m | 20.919 | ug/L | 0.03 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 83.680% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.032 | 63 | 6403 | 35.149 | ug/L | 0.02 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 140.600%# | | | |
| 21) 2-Butanone-d5 | 0.000 | 46 | 0d | 0.000 | ug/L | |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 0.000%# | | | |
| 24) Chloroform-d | 7.653 | 84 | 5510 | 21.607 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 86.440% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 1819m | 11.663 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 46.640%# | | | |
| 32) Benzene-d6 | 8.275 | 84 | 9698 | 49.736 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 198.960%# | | | |
| 36) 1,2-Dichloropropane-d6 | 9.268 | 67 | 2536 | 43.177 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 172.720%# | | | |
| 41) Toluene-d8 | 10.323 | 98 | 6450 | 32.612 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 130.440%# | | | |
| 43) trans-1,3-Dichloroprop... | 0.000 | 79 | 0d | 0.000 | ug/L | |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 0.000%# | | | |
| 47) 2-Hexanone-d5 | 0.000 | 63 | 0d | 0.000 | ug/L | |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 0.000%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84 | 977 | 15.052 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 60.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.865 | 152 | 528 | 18.328 | ug/L | 0.01 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 73.320%# | | | |
| Target Compounds | | | | | | Qvalue |

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

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**Instrument :**
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F5C28RE

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