Quantitation Report (Qedit)

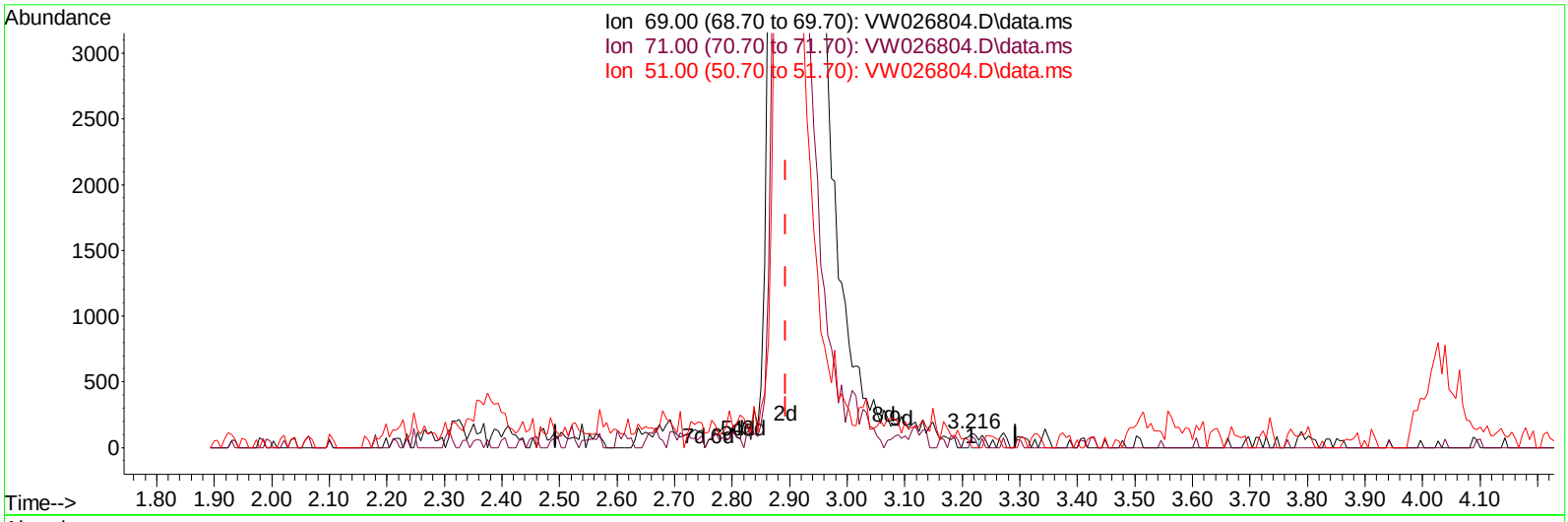
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
Data File : VW026804.D
Acq On : 22 Aug 2023 16:38
Operator : SY/MD
Sample : 04108-06
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

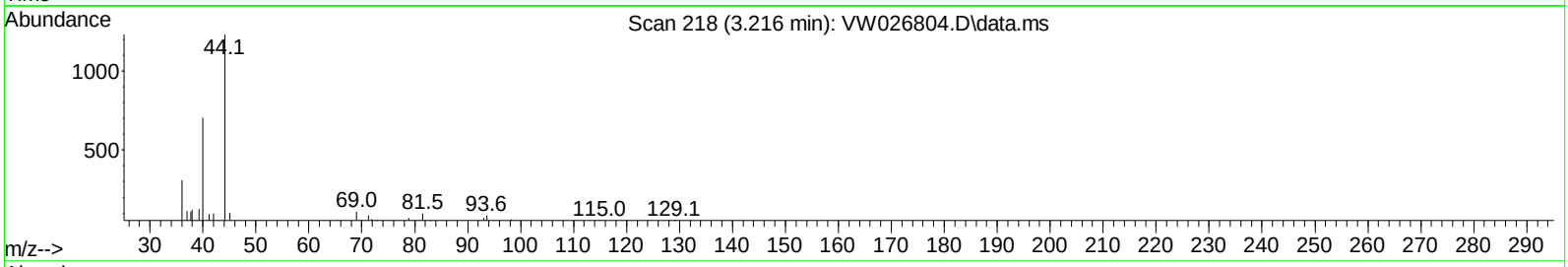
Quant Time: Aug 23 01:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

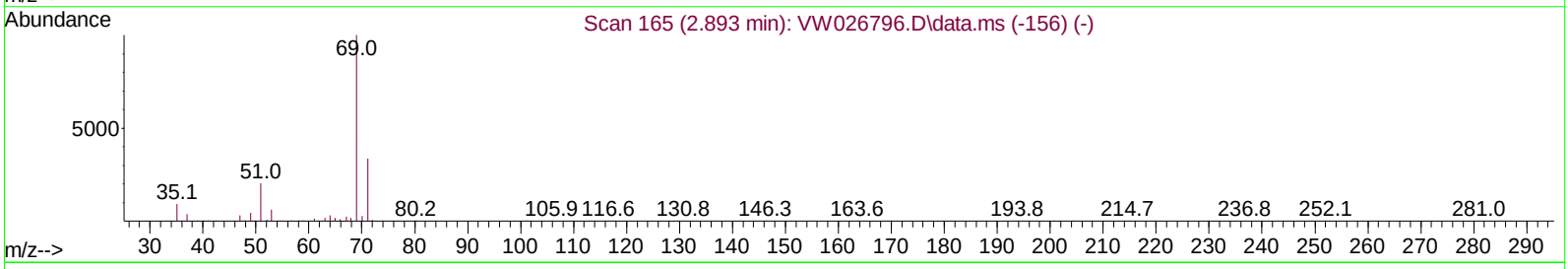
**Instrument :**
MSVOA_W
**ClientSampleId :**
DCHN7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 08/23/2023
Supervised By :Mahesh Dadoda 08/24/2023




TIC: VW026804.D\data.ms

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

**3.216min (+ 0.323) 0.02 ug/L**

**response 151**

| Ion | Exp% | Act% |
|---|---|---|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.30 | 35.76 |
| 51.00 | 28.30 | 31.79 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
DCHN7

**Manual IntegrationsAPPROVED**

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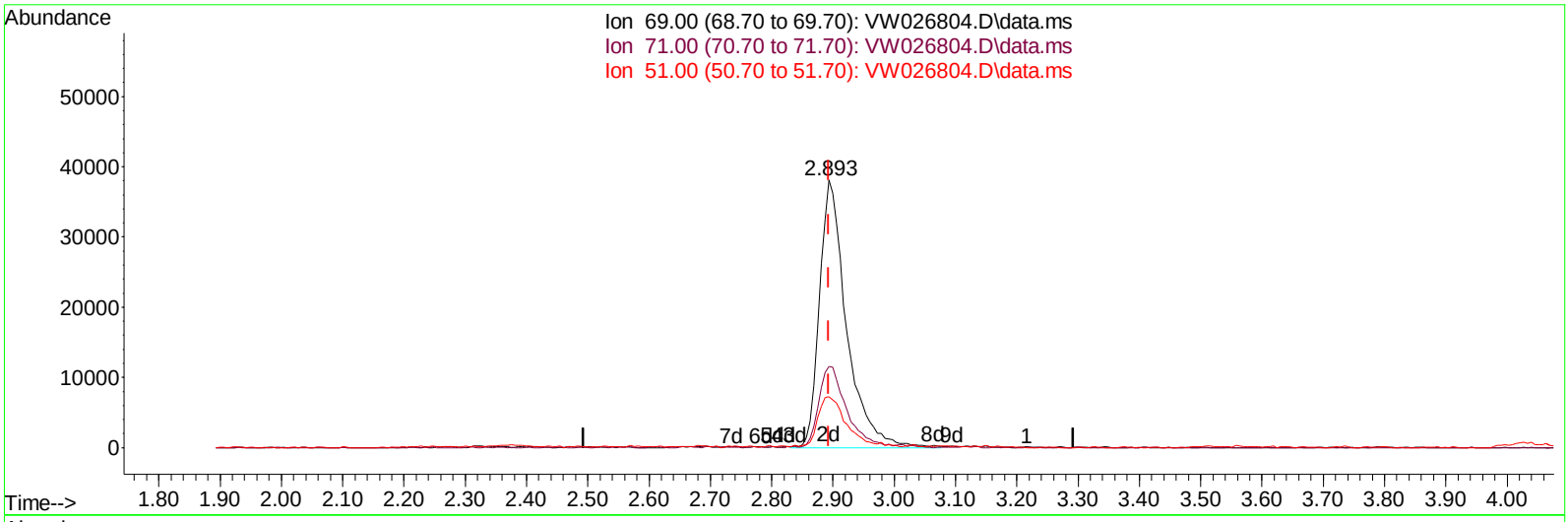


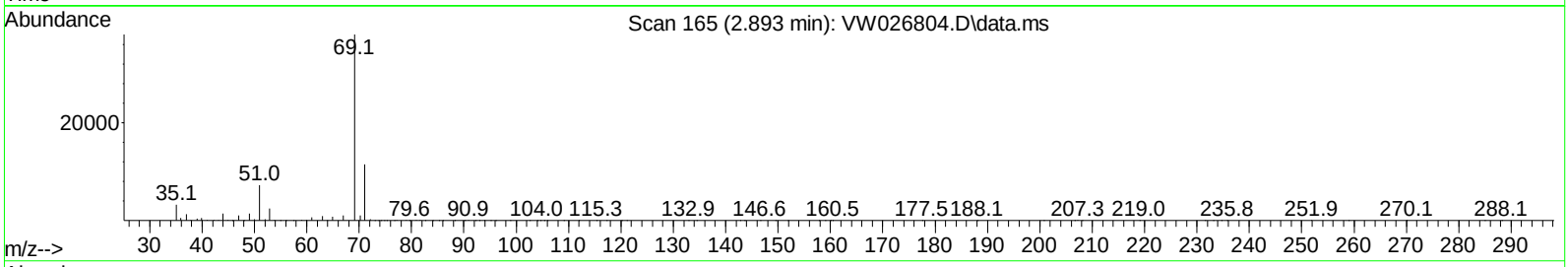


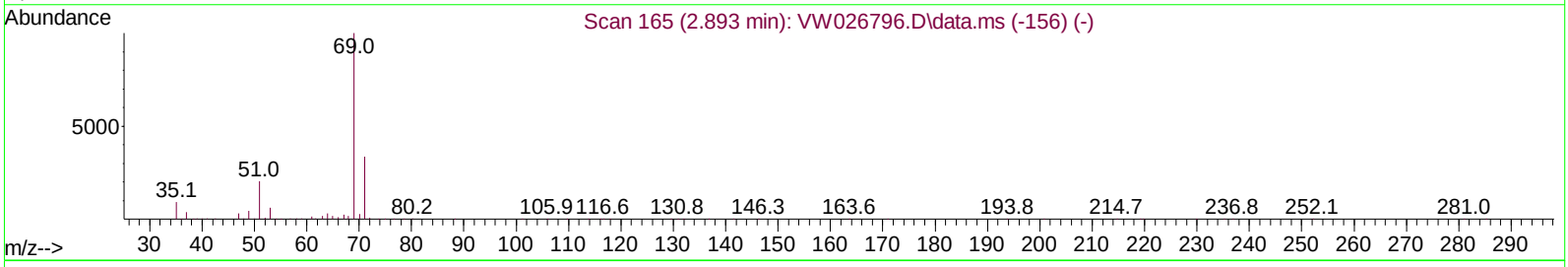


TIC: VW026804.D\data.ms

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

**2.893min (-0.000) 14.15 ug/L m**

**response 117041**

| Ion | Exp% | Act% |
|---|---|---|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 32.30 | 0.05# |
| 51.00 | 28.30 | 0.04# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
Data File : VW026804.D
Acq On : 22 Aug 2023 16:38
Operator : SY/MD
Sample : 04108-06
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 23 01:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
DCHN7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 08/23/2023
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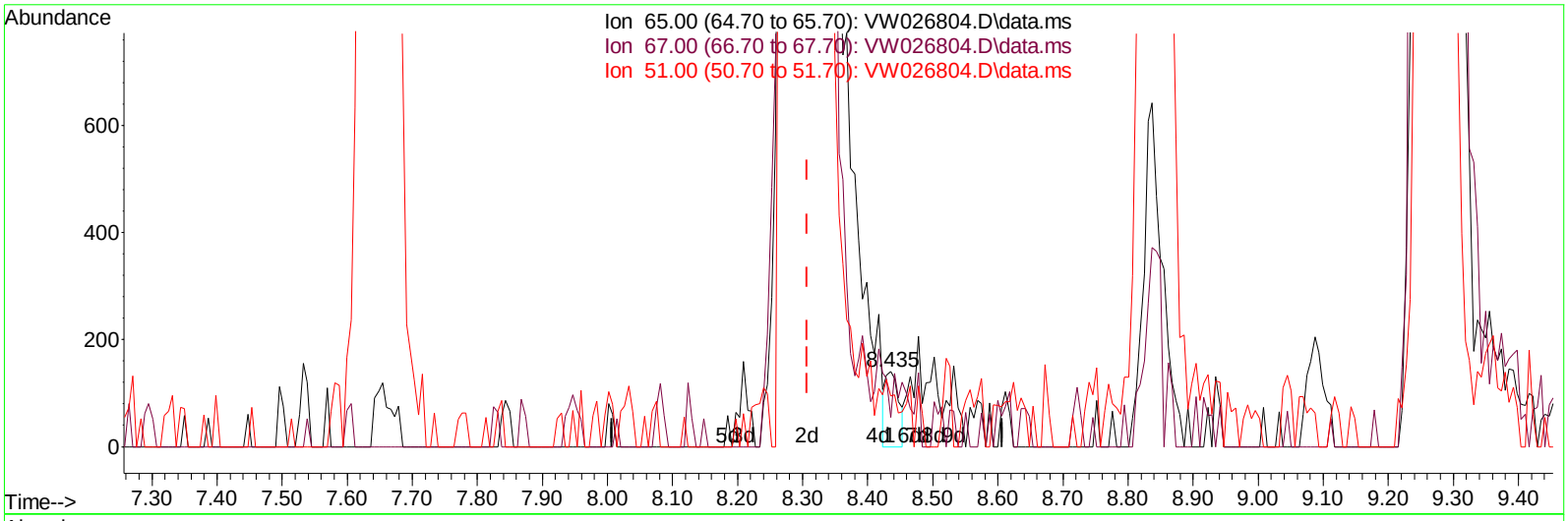
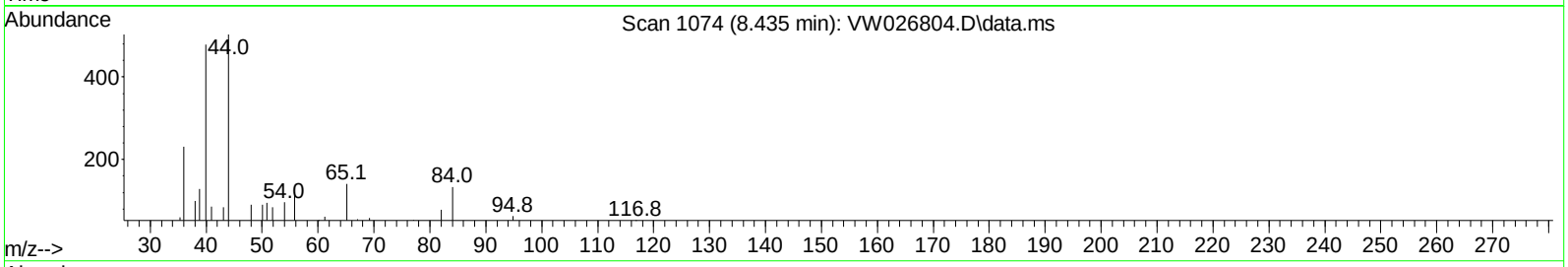
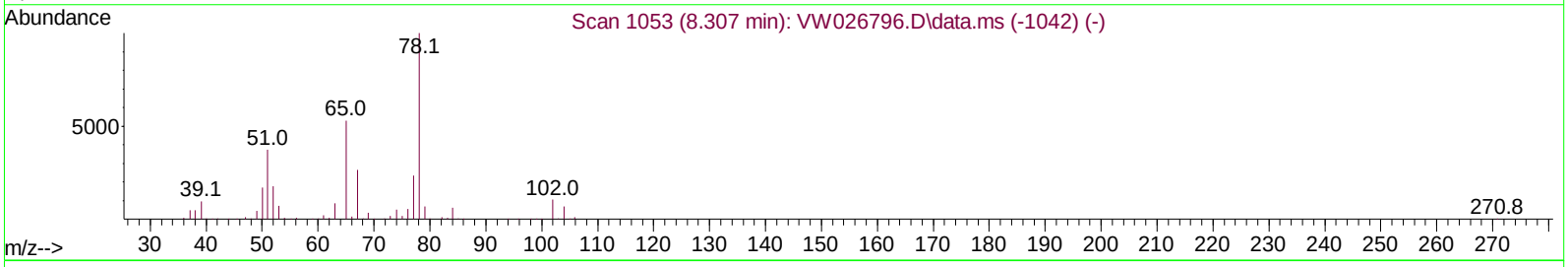



TIC: VW026804.D\data.ms

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

**8.435min (+ 0.128) 0.02 ug/L**

**response 205**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60 | 40.49 |
| 51.00 | 112.90 | 104.39 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

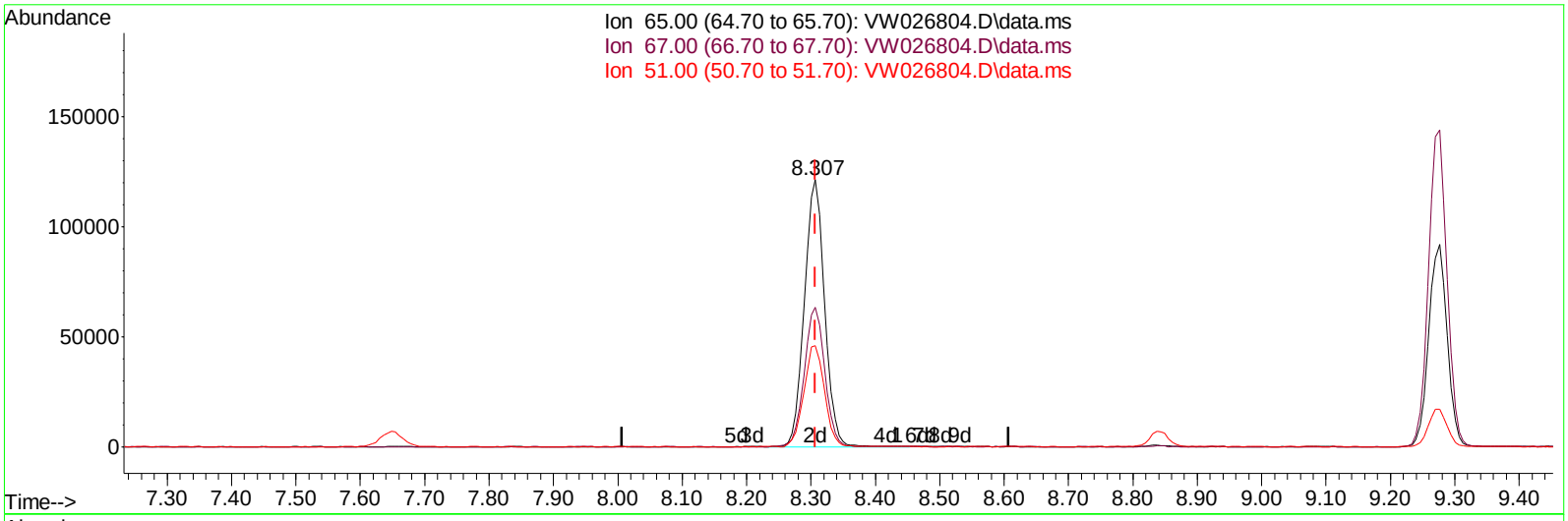
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
Data File : VW026804.D
Acq On : 22 Aug 2023 16:38
Operator : SY/MD
Sample : 04108-06
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

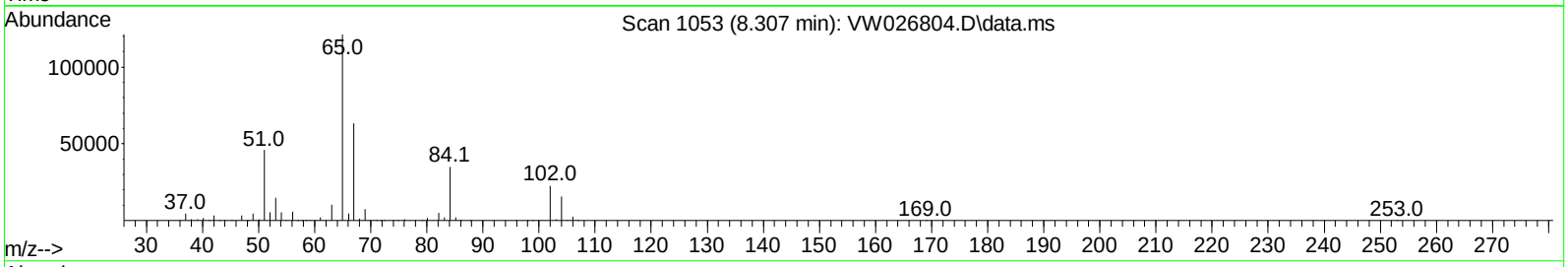
Quant Time: Aug 23 01:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

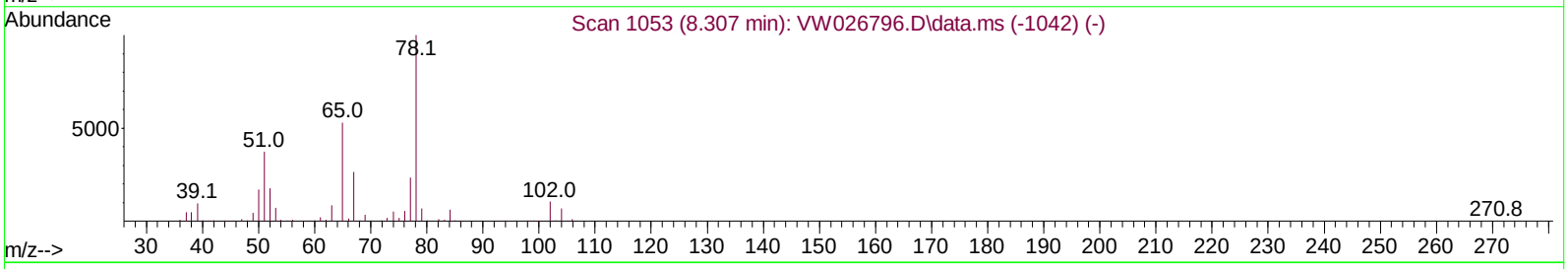
**Instrument :**
MSVOA_W
**ClientSampleId :**
DCHN7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 08/23/2023
Supervised By :Mahesh Dadoda 08/24/2023




TIC: VW026804.D\data.ms

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

**8.307min (-0.000) 21.05 ug/L m**

**response 263749**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60 | 0.03# |
| 51.00 | 112.90 | 0.08# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
Data File : VW026804.D
Acq On : 22 Aug 2023 16:38
Operator : SY/MD
Sample : 04108-06
Misc : 5.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 23 01:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 23 01:29:10 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
DCHN7

**Manual IntegrationsAPPROVED**

Reviewed By :Semsettin Yesilyurt 08/23/2023
Supervised By :Mahesh Dadoda 08/24/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.843 | 114 | 676472 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.629 | 117 | 668036 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.556 | 152 | 342786 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.369 | 65 | 125046 | 11.245 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = | 44.960% | | |
| 7) Chloroethane-d5 | 2.893 | 69 | 117041m | 14.154 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = | 56.600% | | |
| 11) 1,1-Dichloroethene-d2 | 4.027 | 65 | 82333 | 15.053 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = | 60.200% | | |
| 21) 2-Butanone-d5 | 7.075 | 46 | 145874 | 45.639 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = | 91.280% | | |
| 24) Chloroform-d | 7.648 | 84 | 445521 | 19.623 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = | 78.480% | | |
| 26) 1,2-Dichloroethane-d4 | 8.307 | 65 | 263749m | 21.050 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = | 84.200% | | |
| 32) Benzene-d6 | 8.276 | 84 | 855364 | 18.578 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = | 74.320% | | |
| 36) 1,2-Dichloropropane-d6 | 9.276 | 67 | 288611 | 20.125 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = | 80.480% | | |
| 41) Toluene-d8 | 10.325 | 98 | 727256 | 18.402 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = | 73.600% | | |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79 | 114044 | 19.260 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = | 77.040% | | |
| 47) 2-Hexanone-d5 | 10.922 | 63 | 72104 | 47.848 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = | 95.700% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84 | 261875 | 23.122 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = | 92.480% | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.848 | 152 | 261357 | 21.302 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = | 85.200% | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 4.917 | 84 | 42423 | 3.242 | ug/L | 88 |
| 20) cis-1,2-Dichloroethene | 7.173 | 96 | 8726 | 0.728 | ug/L | 99 |
| 34) Trichloroethene | 9.093 | 95 | 8212 | 0.663 | ug/L | 92 |
| 46) Tetrachloroethene | 10.861 | 164 | 35186 | 3.909 | ug/L | 98 |

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

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