Quantitation Report (Qedit)

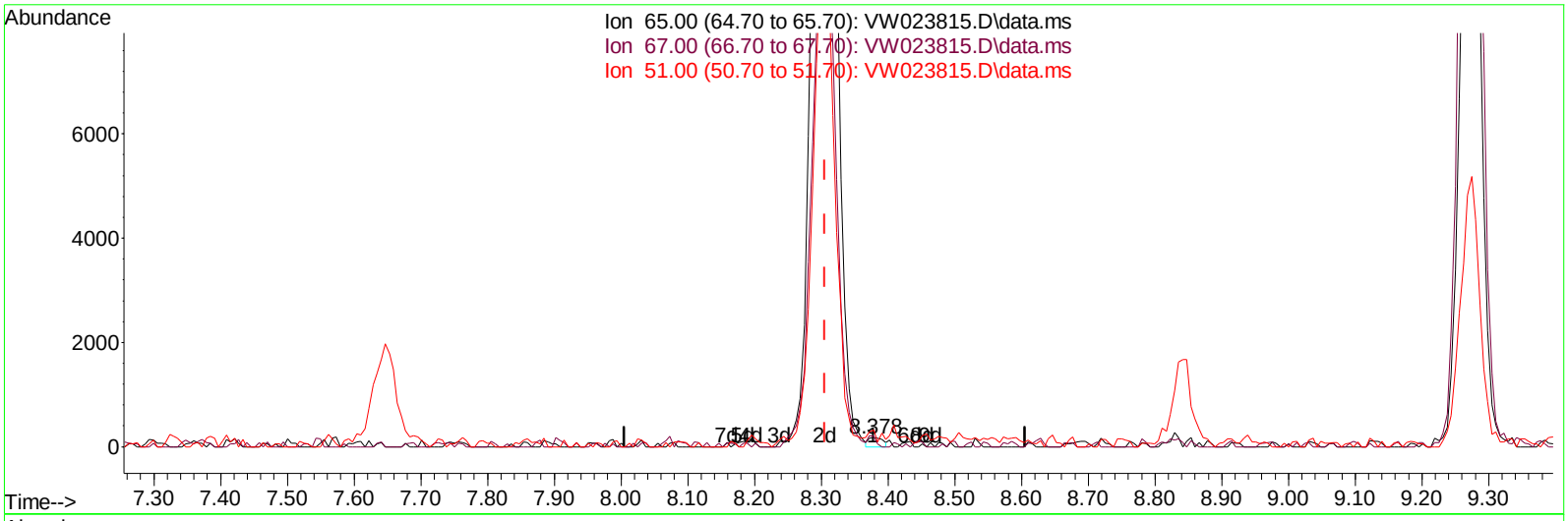
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
Data File : VW023815.D
Acq On : 17 Jul 2022 03:23
Operator : SY/VA
Sample : VIBLK513
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

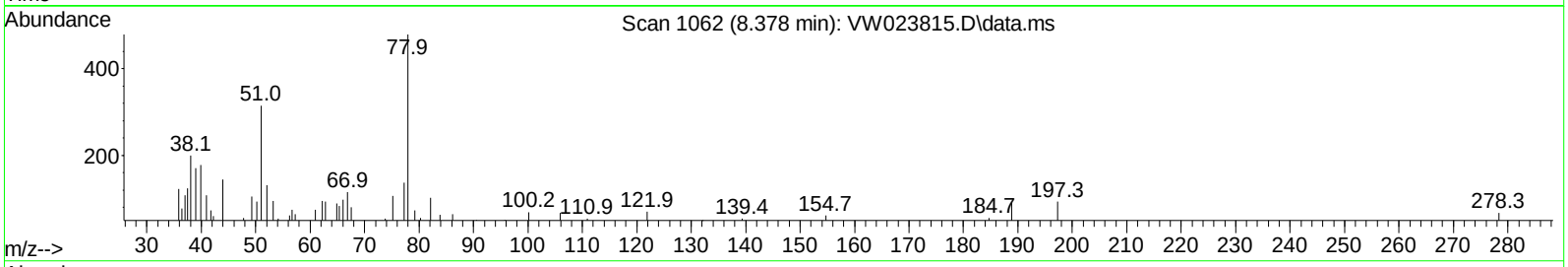
Quant Time: Jul 18 03:01:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jul 18 02:58:45 2022
Response via : Initial Calibration

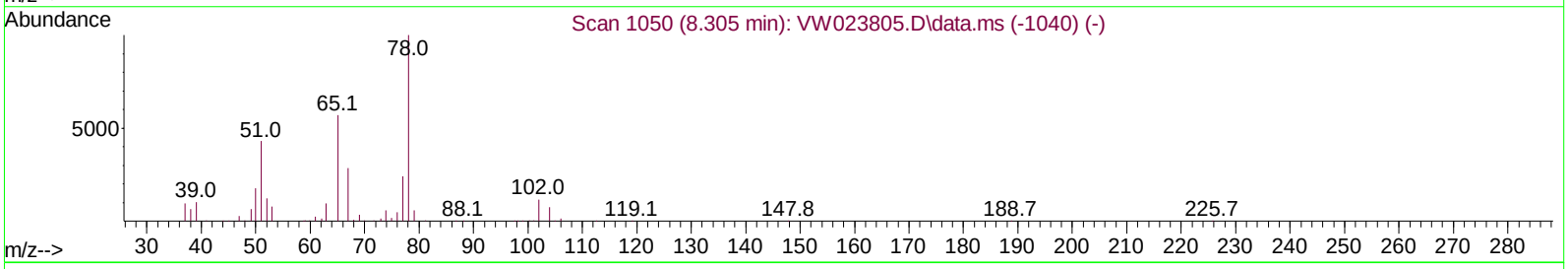
**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK513

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022




TIC: VW023815.D\data.ms

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

**8.378min (+ 0.073) 0.12 ug/L**

**response 265**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70 | 64.53 |
| 51.00 | 92.20 | 75.47 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : SFAM01.0
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**Instrument :**
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**Manual IntegrationsAPPROVED**

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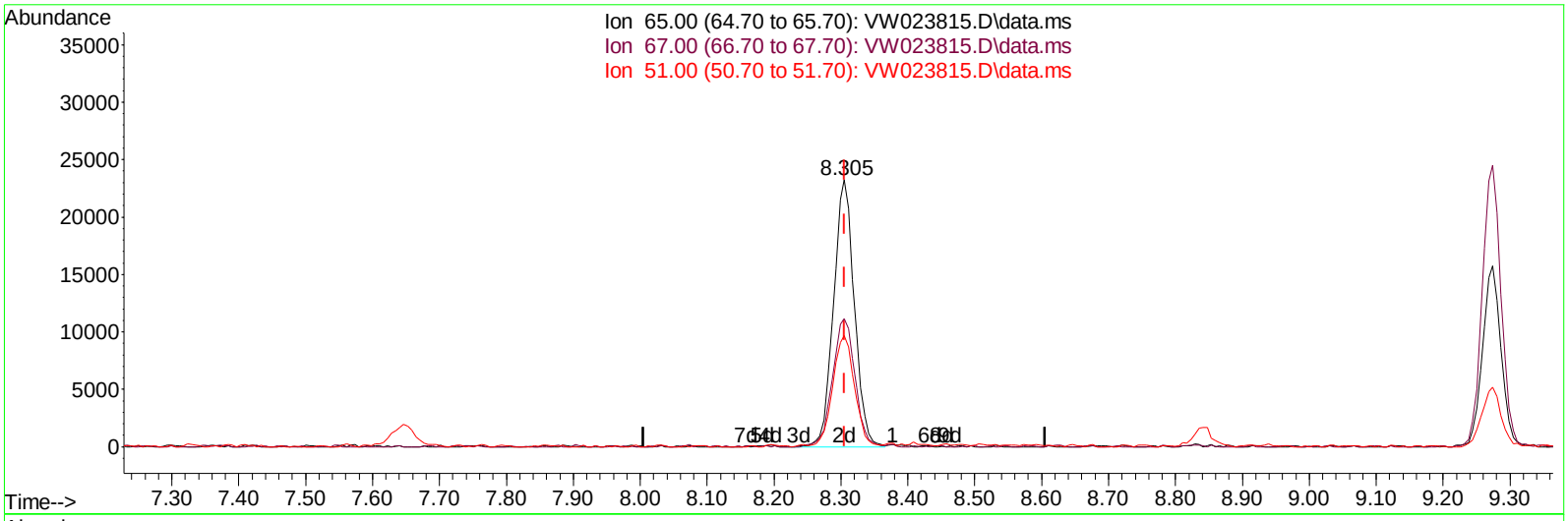


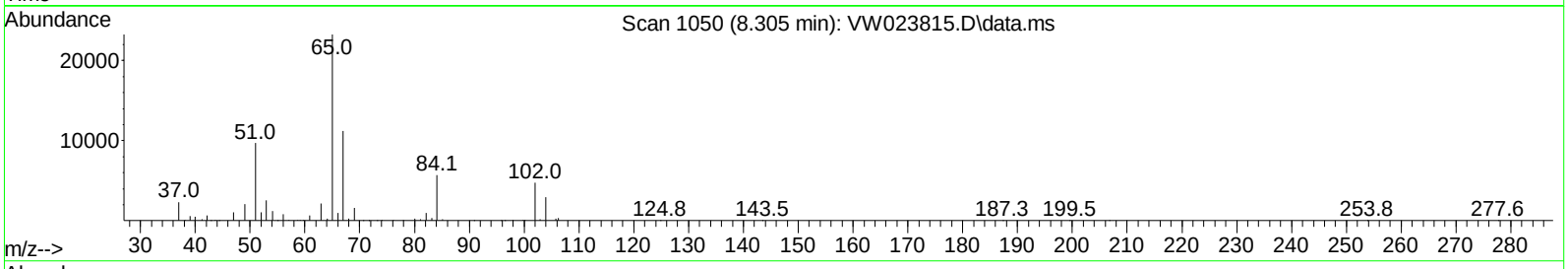


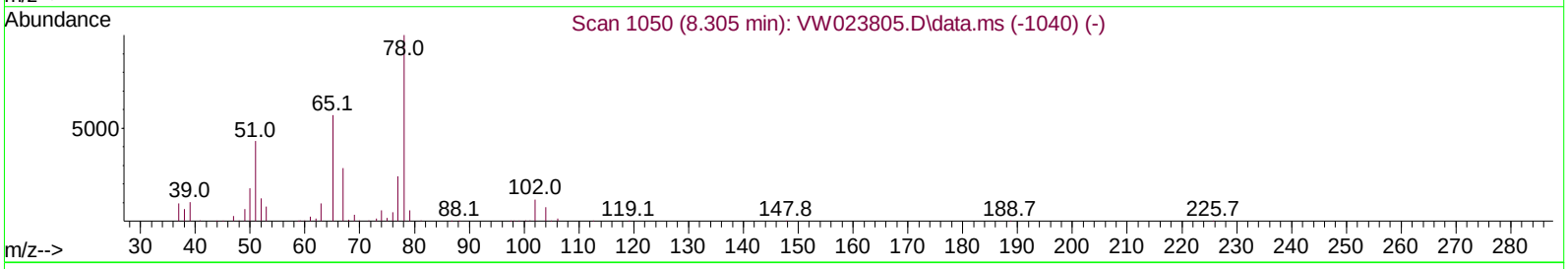


TIC: VW023815.D\data.ms

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

**8.305min (-0.000) 22.09 ug/L m**

**response 49877**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70 | 0.34# |
| 51.00 | 92.20 | 0.40# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
Data File : VW023815.D
Acq On : 17 Jul 2022 03:23
Operator : SY/VA
Sample : VIBLK513
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 18 03:01:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jul 18 02:58:45 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK513

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 07/18/2022
Supervised By :Mahesh Dadoda 07/18/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 126809 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.628 | 117 | 132108 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 57261 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.343 | 65 | 86791 | 26.797 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 107.200% | | | |
| 7) Chloroethane-d5 | 2.879 | 69 | 61540 | 28.482 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 113.920% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.007 | 63 | 38153 | 14.466 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 57.880% | | | |
| 21) 2-Butanone-d5 | 7.080 | 46 | 22337 | 44.463 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 88.920% | | | |
| 24) Chloroform-d | 7.647 | 84 | 80240 | 21.733 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 86.920% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 49877m | 22.088 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 88.360% | | | |
| 32) Benzene-d6 | 8.275 | 84 | 150831 | 21.963 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 87.840% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.274 | 67 | 48148 | 23.276 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 93.120% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 142724 | 20.489 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 81.960% | | | |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79 | 15173 | 15.648 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 62.600% | | | |
| 47) 2-Hexanone-d5 | 10.927 | 63 | 12841 | 29.521 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 59.040% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84 | 44249 | 19.356 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 77.440% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 46310 | 22.655 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 90.640% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 4.909 | 84 | 8949 | 4.513 | ug/L | 89 |

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

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