Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120619\

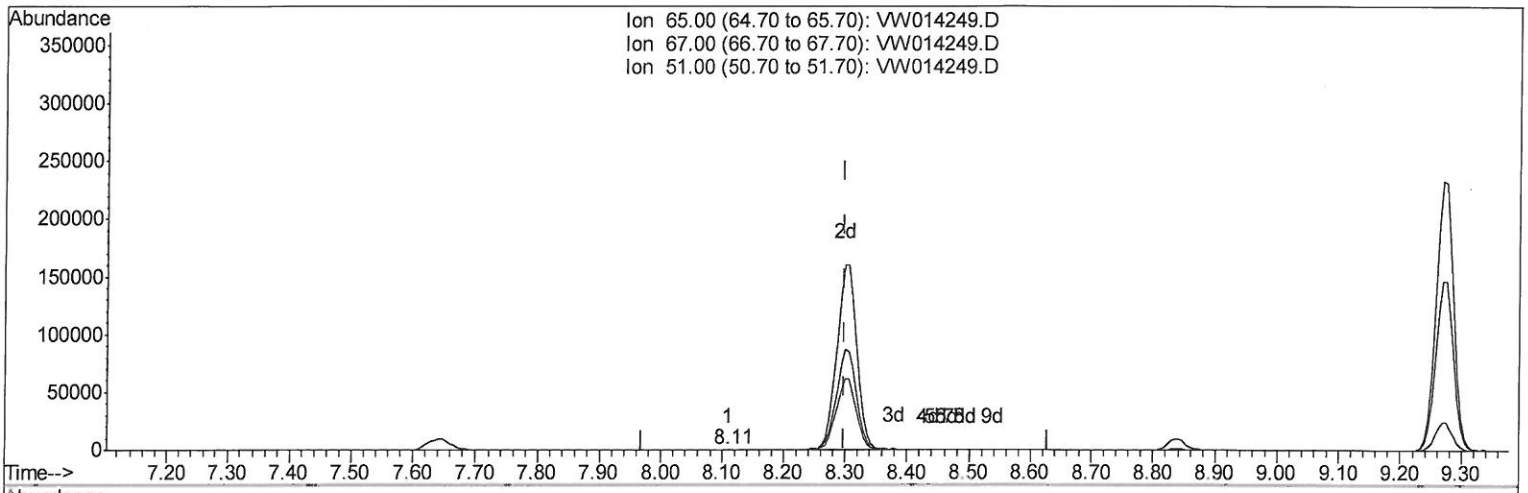
Quantitation Report (Qedit)

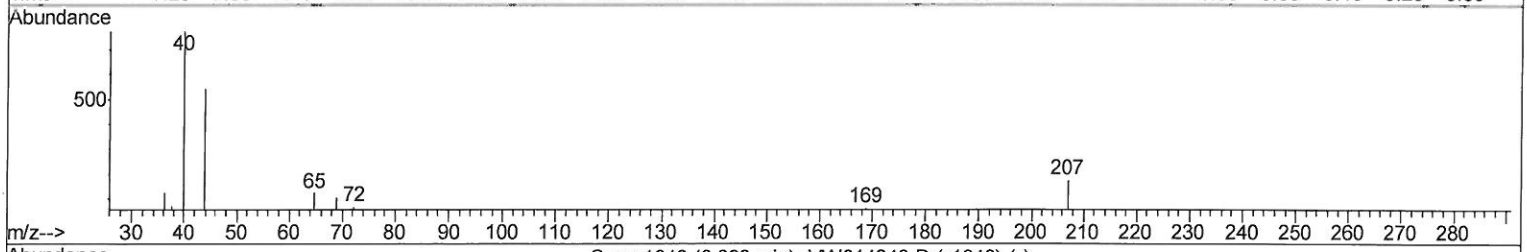
Data File : VW014249.D
Acq On : 06 Dec 2019 15:04
Operator : SY/VA
Sample : K6171-03
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

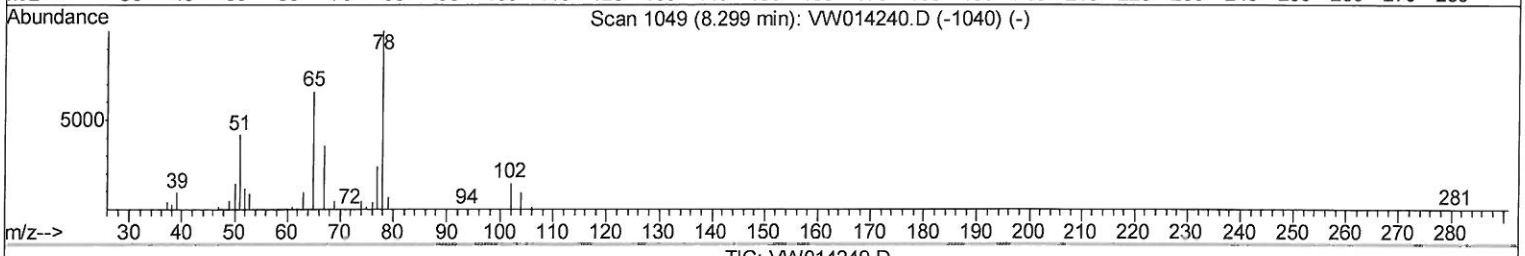
Quant Time: Dec 07 04:13:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BS2

**Manual Integrations APPROVED**
apatel
12/9/2019 2:04:36 PM




TIC: VW014249.D

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

8.110min (-0.189) 0.00ug/L

response 65

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100 | 100 |
| 67.00 | 54.40 | 56.92 |
| 51.00 | 107.20 | 89.23 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120619\

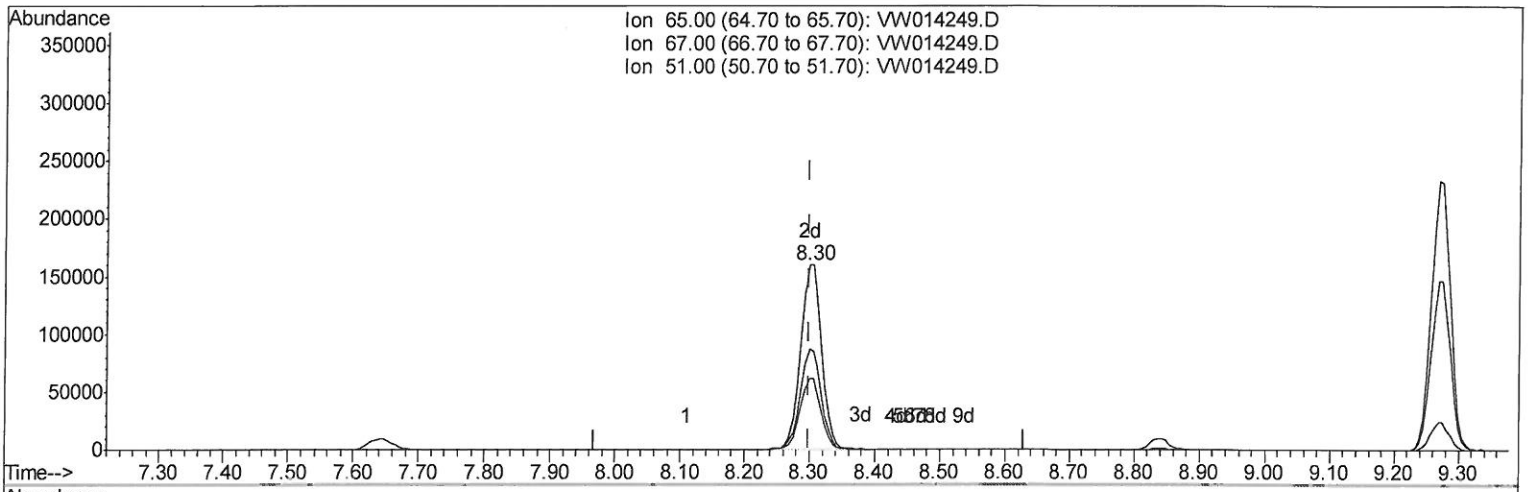
Quantitation Report (Qedit)

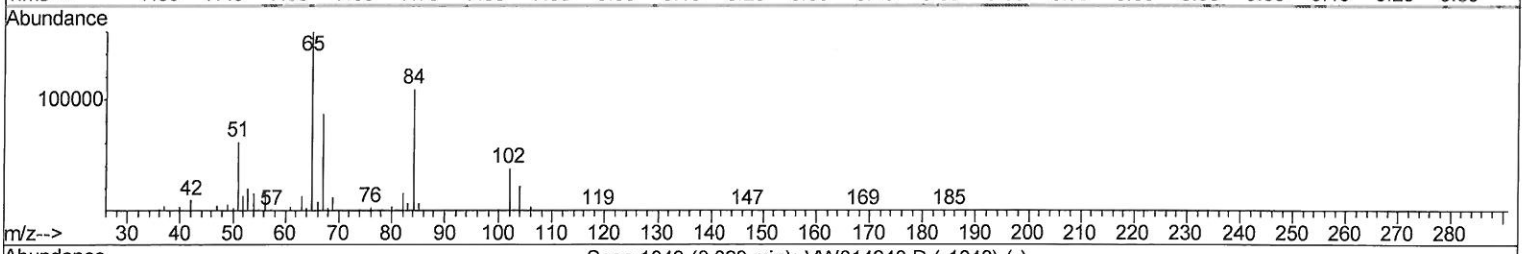
Data File : VW014249.D
Acq On : 06 Dec 2019 15:04
Operator : SY/VA
Sample : K6171-03
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

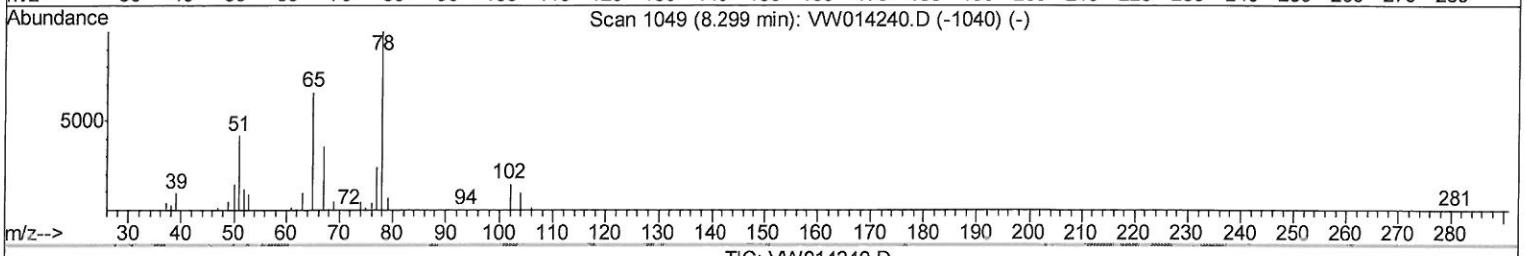
Quant Time: Dec 07 04:13:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BS2

**Manual Integrations APPROVED**
apatel
12/9/2019 2:04:36 PM




TIC: VW014249.D

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

8.299min (-0.000) 23.10ug/L m

response 358855

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100 | 100 |
| 67.00 | 54.40 | 0.01# |
| 51.00 | 107.20 | 0.02# |
| 0.00 | 0.00 | 0.00 |

12/09/19 8y

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120619\

Quantitation Report (QT Reviewed)

Data File : VW014249.D
Acq On : 06 Dec 2019 15:04
Operator : SY/VA
Sample : K6171-03
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 07 04:51:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** C0BS2

**Manual Integrations APPROVED**
apatel
12/9/2019 2:04:36 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 1163979 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 971709 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 332423 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 368817 | 20.92 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 83.68% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 341504 | 26.06 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 104.24% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 562899 | 18.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 72.32% | | | |
| 20) 2-Butanone-d5 | 7.07 | 46 | 129632 | 28.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 56.44% | | | |
| 24) Chloroform-d | 7.64 | 84 | 727776 | 24.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 98.24% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 358855m | 23.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 92.40% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 1528478 | 26.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 107.36% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 477972 | 27.28 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 109.12% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 1302305 | 25.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 101.16% | | | |
| 38) trans-1,3-Dichloropropene- | 10.57 | 79 | 156135 | 21.24 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 84.96% | | | |
| 39) 2-Hexanone-d5 | 10.92 | 63 | 103097 | 29.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 59.18% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 300468 | 21.04 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 84.16% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 333731 | 26.27 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 105.08% | | | |

| Target Compounds | Qvalue |
|---|---|

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

12/09/19 SY

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120619\

Quantitation Report (QT Reviewed)

Data File : VW014249.D
Acq On : 06 Dec 2019 15:04
Operator : SY/VA
Sample : K6171-03
Misc : 5.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 07 04:51:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BS2

**Manual Integrations APPROVED**
apatel
12/9/2019 2:04:36 PM