Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082720\
Data File : VW016390.D
Acq On : 27 Aug 2020 15:02
Operator : SY/VA
Sample : L3800-05
Misc : 6.01G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 28 08:11:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BG3H5

**Manual Integrations APPROVED**
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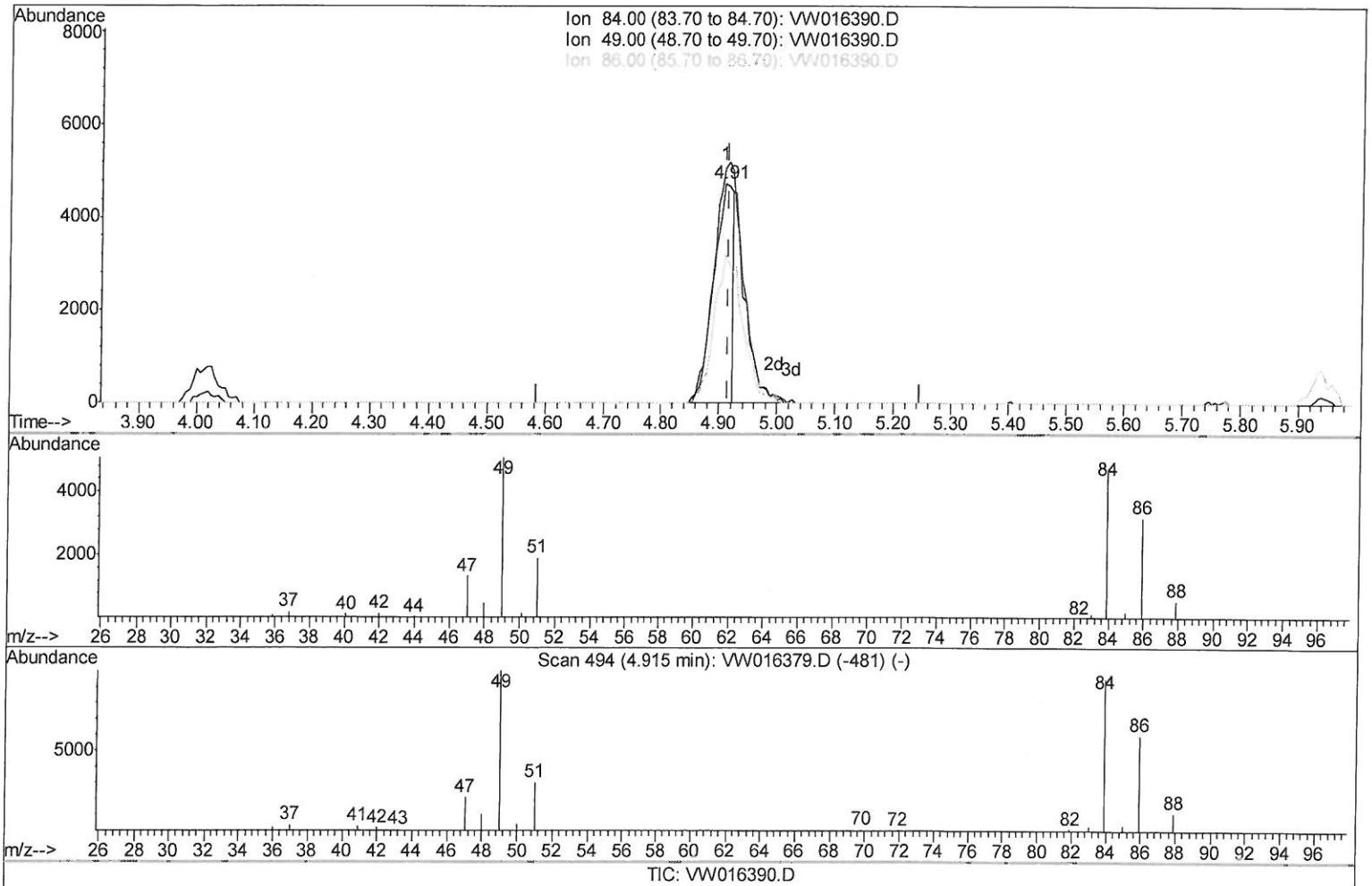


TIC: VW016390.D

(16) Methylene chloride (T)

4.909min (-0.006) 2.08ug/L

response 10818

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 107.60 | 107.16 |
| 86.00 | 61.80 | 67.48 |
| 0.00 | 0.00 | 0.00 |

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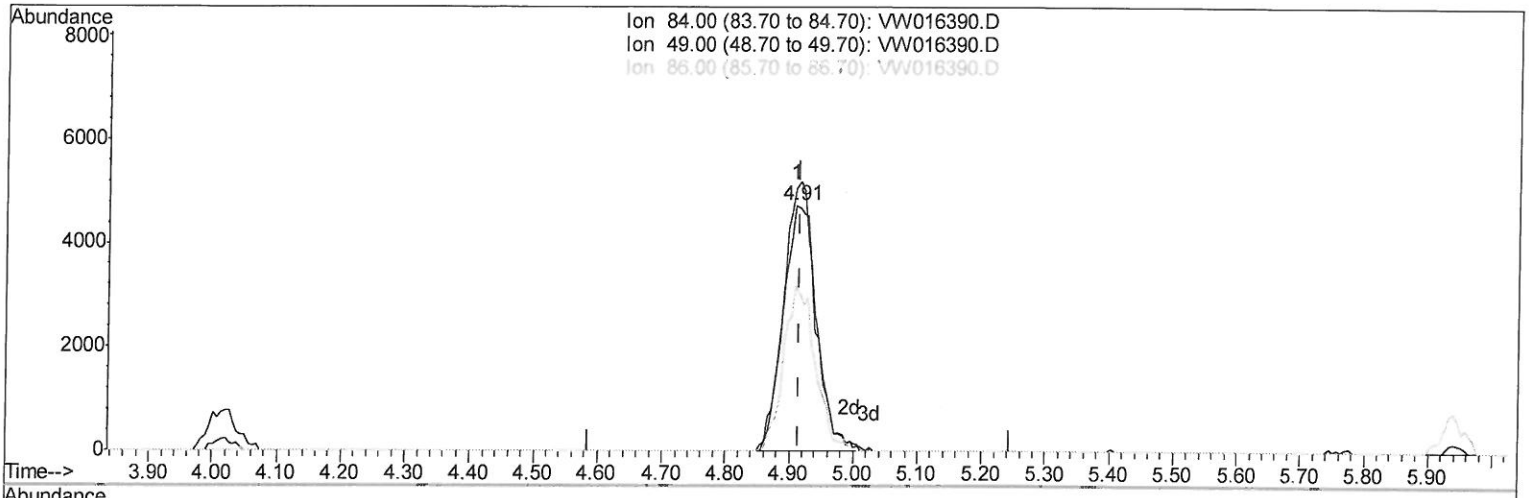


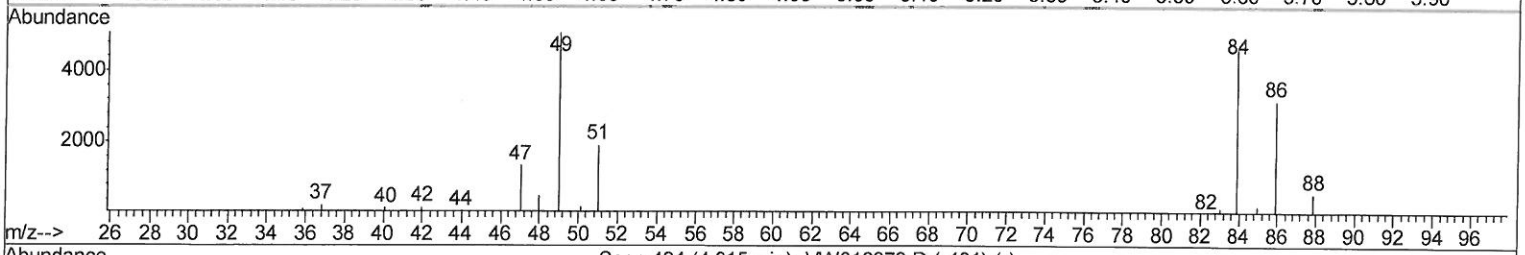


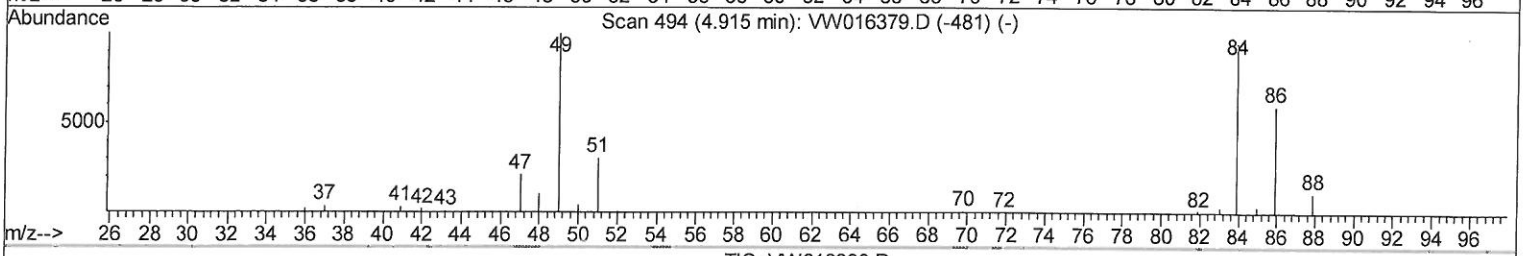


TIC: VW016390.D

(16) Methylene chloride (T)

4.909min (-0.006) 3.29ug/L m > 08/28/20 SY

response 17115

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 107.60 | 107.16 |
| 86.00 | 61.80 | 67.48 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082720\
Data File : VW016390.D
Acq On : 27 Aug 2020 15:02
Operator : SY/VA
Sample : L3800-05
Misc : 6.01G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 28 08:59:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** BG3H5

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 281095 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 237357 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 96316 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 47835 | 15.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 63.76% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 42085 | 18.47 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 73.88% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 98765 | 13.85 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 55.40% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 37369 | 43.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 87.56% | | | |
| 24) Chloroform-d | 7.65 | 84 | 161758 | 22.07 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 88.28% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 86055 | 22.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 91.16% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 302293 | 22.81 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 91.24% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 88968 | 24.26 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 97.04% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 272615 | 21.81 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 87.24% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 38295 | 21.64 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 86.56% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 32446 | 55.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 110.46% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 72972 | 23.91 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 95.64% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 81743 | 22.13 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 88.52% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 5) Vinyl chloride | 2.36 | 62 | 11081 | 3.374 | ug/L | 88 |
| 16) Methylene chloride | 4.91 | 84 | 17115m | 3.294 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 7.16 | 96 | 367213 | 89.073 | ug/L | 98 |
| 35) Trichloroethene | 9.09 | 95 | 238659 | 61.912 | ug/L | 98 |
| 47) Tetrachloroethene | 10.87 | 164 | 3807850 | 1252.669 | ug/L | 94 |

08/28/20 SY

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

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