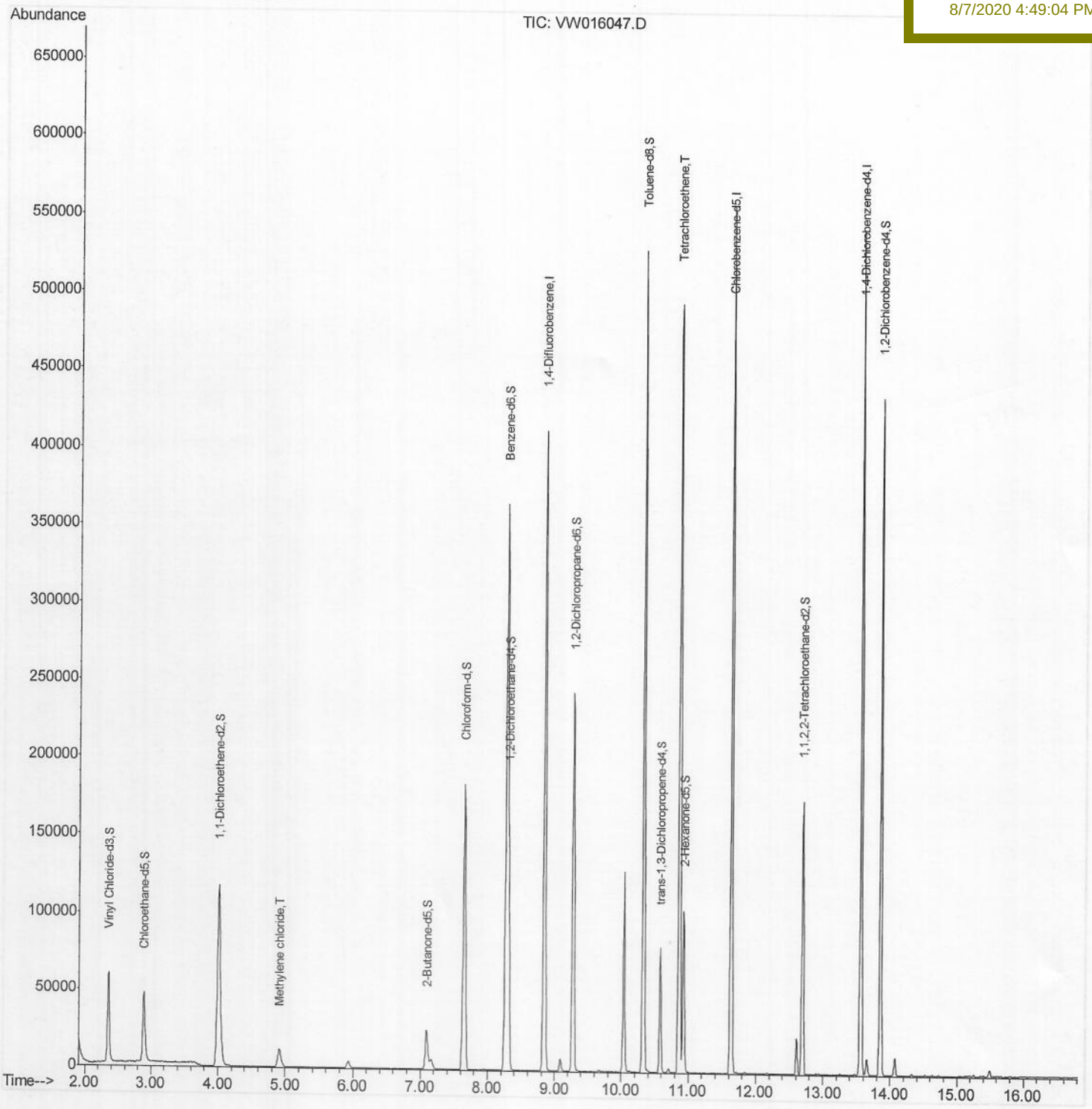
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080620\
Data File : VW016047.D
Acq On : 06 Aug 2020 16:42
Operator : SY/VA
Sample : L3564-16
Misc : 6.33G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 07 07:55:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BFWP5

**Manual Integrations APPROVED**
MMDadoda
8/7/2020 4:49:04 PM



Quantitation Report (Qedit)

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Quant Title : VOC Analysis
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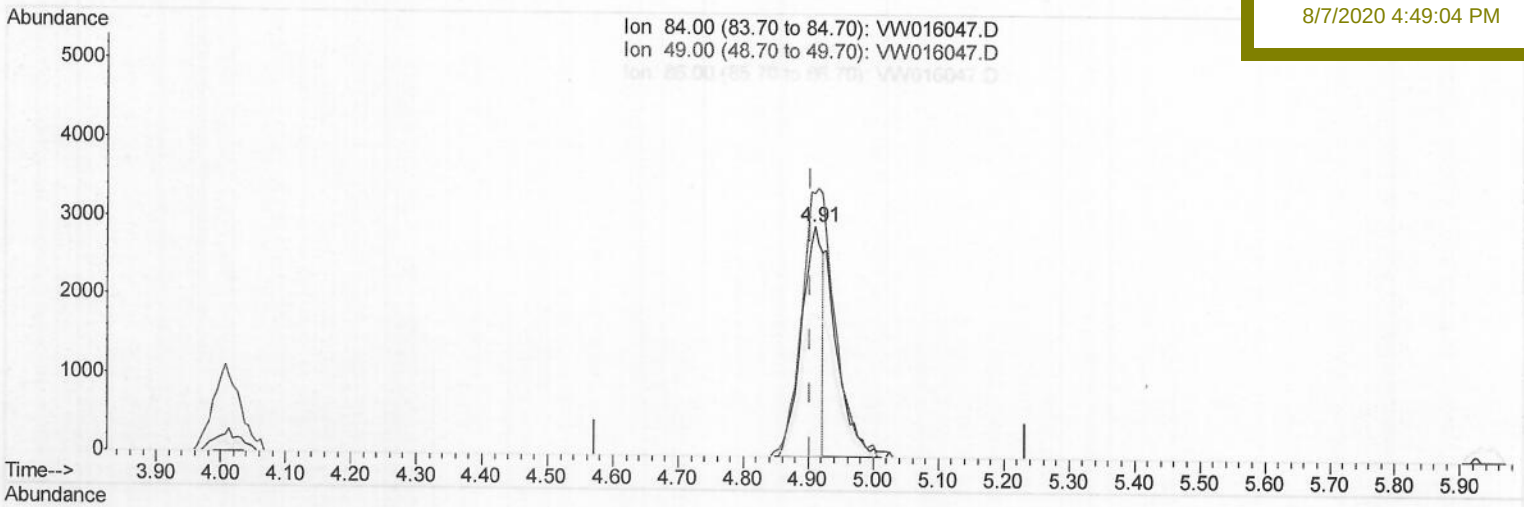


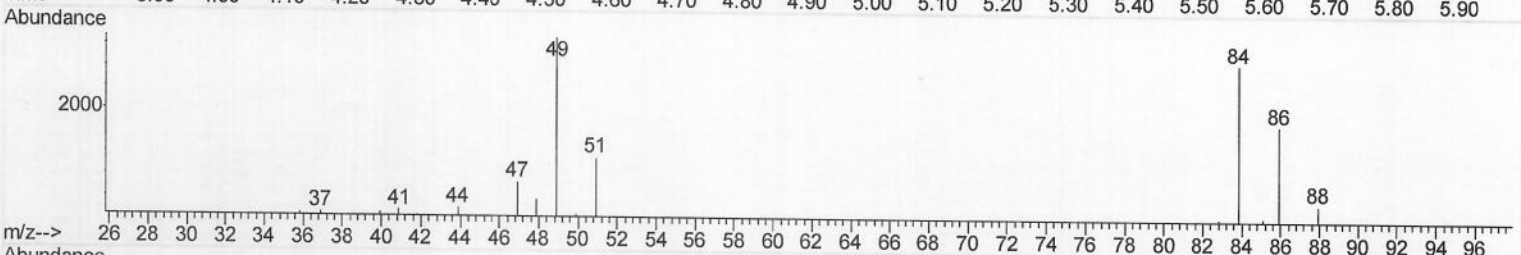


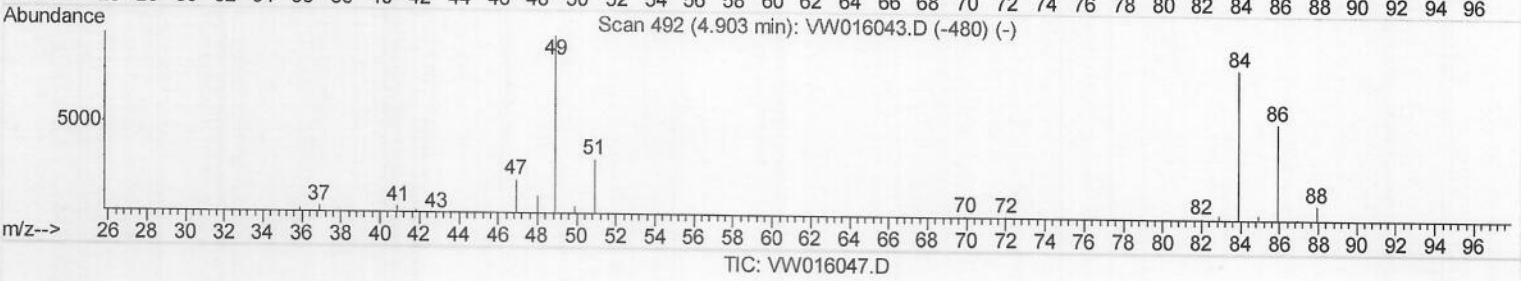


TIC: VW016047.D

(16) Methylene chloride (T)

4.909min (+0.006) 1.13ug/L

response 6608

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 130.10 | 114.56 |
| 86.00 | 65.70 | 60.98 |
| 0.00 | 0.00 | 0.00 |

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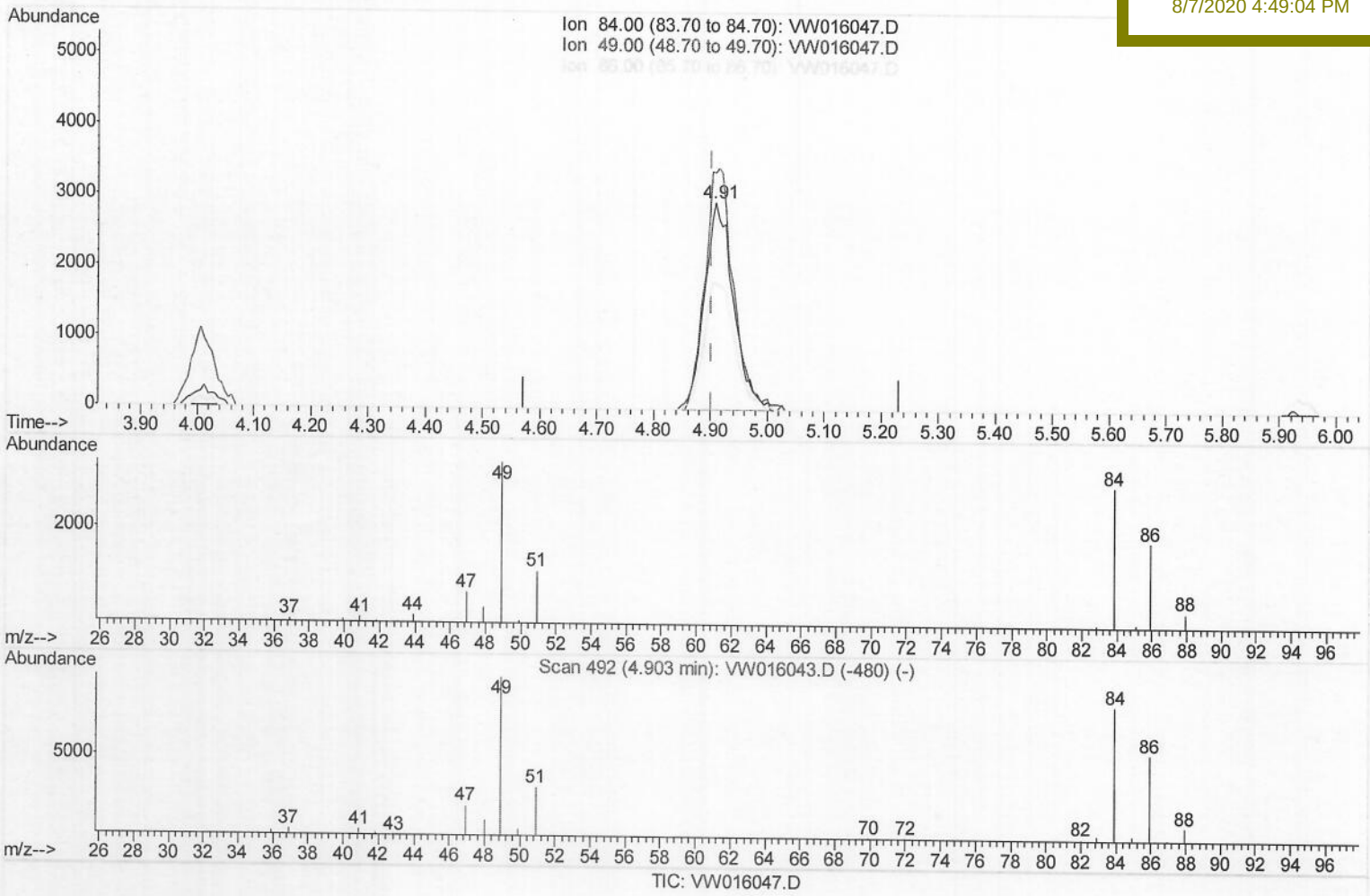
Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BFWP5

**Manual Integrations APPROVED**
MMDadoda
8/7/2020 4:49:04 PM




TIC: VW016047.D

(16) Methylene chloride (T)

4.909min (+0.006) 1.80ug/L m -> MD 08/07/20

response 10538

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 130.10 | 114.56 |
| 86.00 | 65.70 | 60.98 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** BFWP5

**Manual Integrations APPROVED**
MMDadoda
8/7/2020 4:49:04 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 356863 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 322465 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 146978 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 75641 | 15.02 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 60.08% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 64575 | 15.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 63.16% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 131900 | 12.96 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 51.84% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 43853 | 33.15 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 66.30% | | | |
| 24) Chloroform-d | 7.65 | 84 | 197321 | 19.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 78.76% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 99664 | 18.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 72.44% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 392538 | 20.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 80.00% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 116751 | 19.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 79.36% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 361447 | 20.33 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 81.32% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 46524 | 18.55 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 74.20% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 36399 | 37.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 74.30% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 88076 | 19.47 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 77.88% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 123344 | 21.52 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 86.08% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.91 | 84 | 10538m | 1.802 | ug/L | |
| 47) Tetrachloroethene | 10.87 | 164 | 117051 | 29.107 | ug/L | 96 |

MD 08/07/20

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