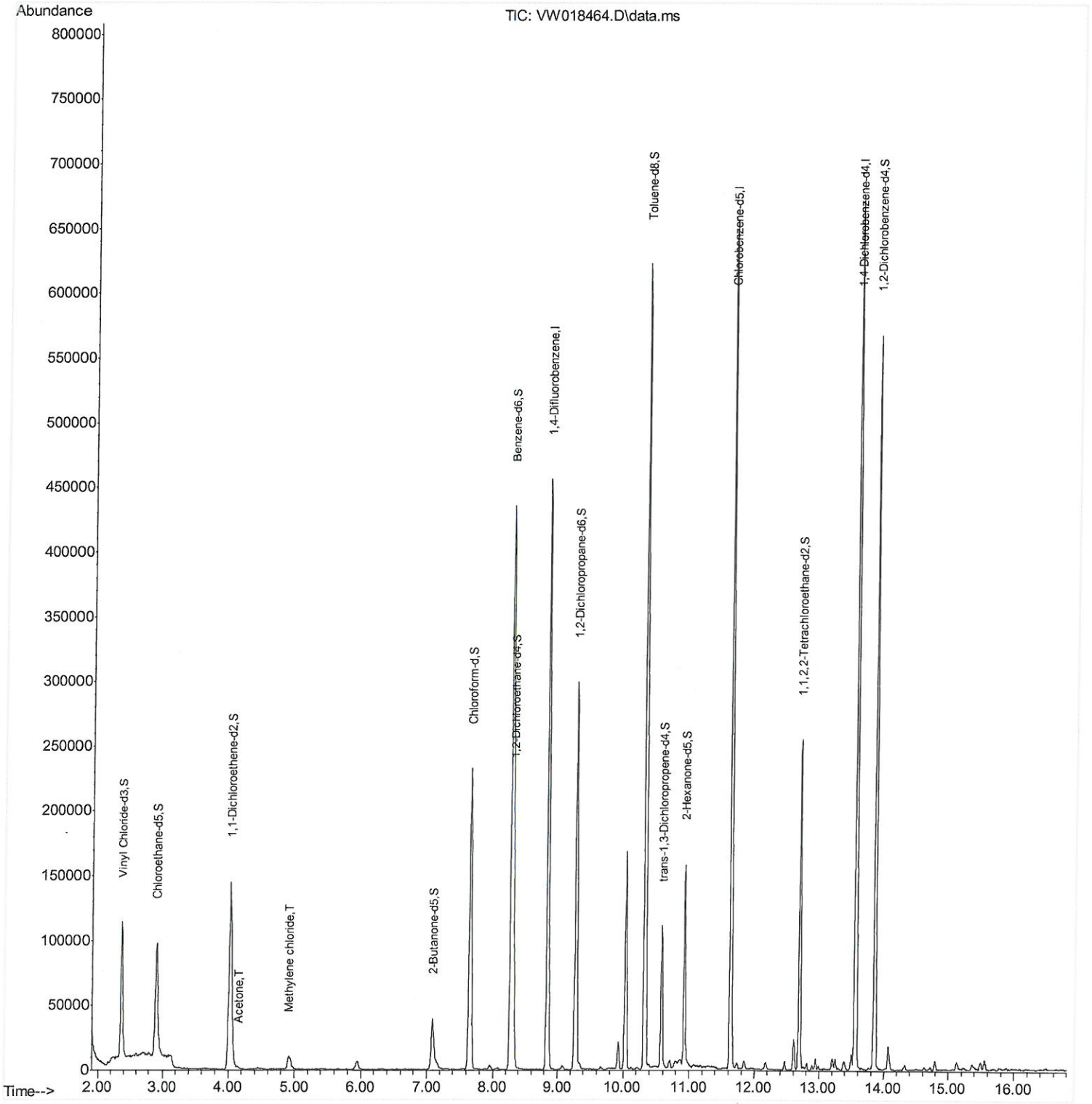
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
Data File : VW018464.D
Acq On : 26 Mar 2021 12:05
Operator : SY/VA
Sample : M1784-17
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 01:32:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 27 01:30:53 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BG4X8

**Manual Integrations APPROVED**
MMDadoda
3/29/2021 4:47:42 PM



Quantitation Report (Qedit)

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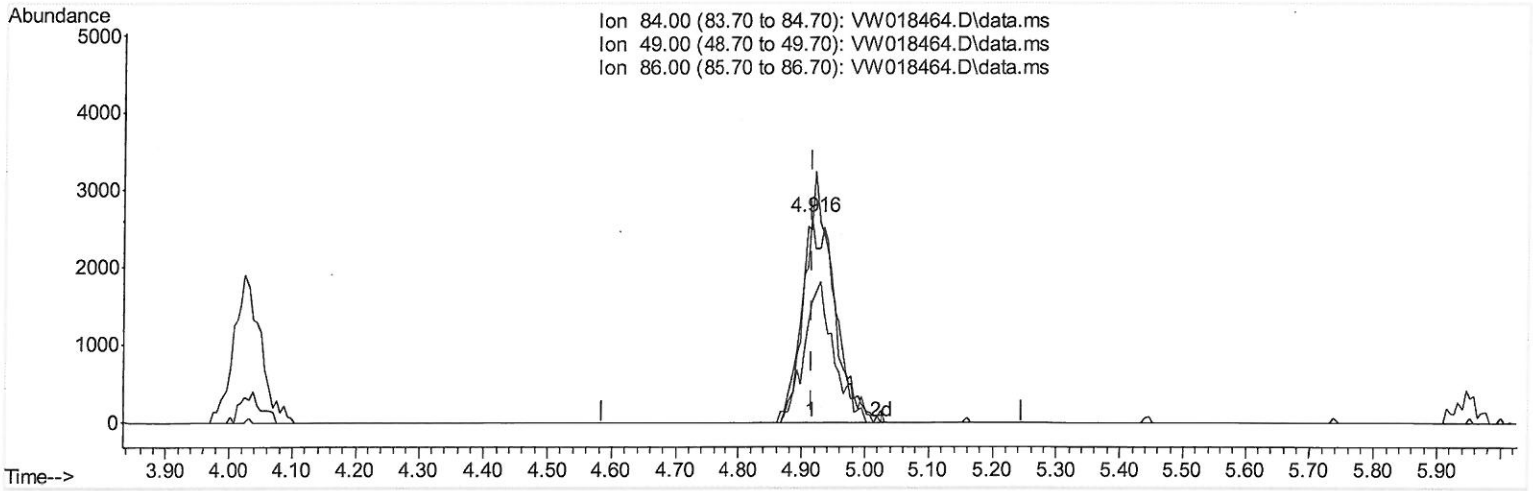
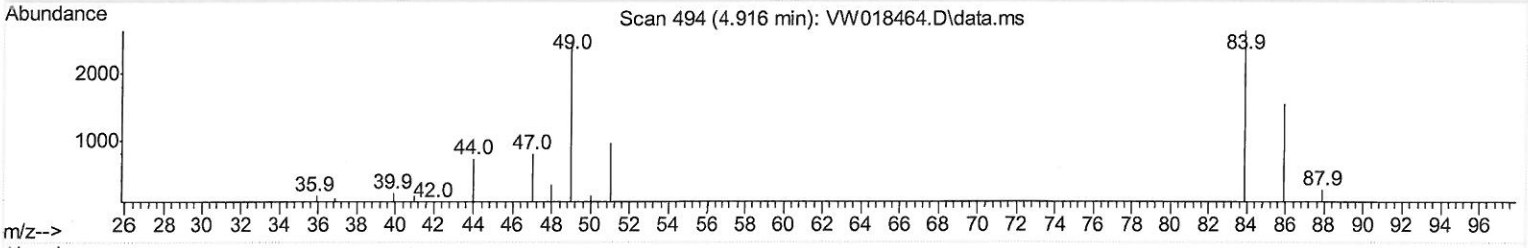
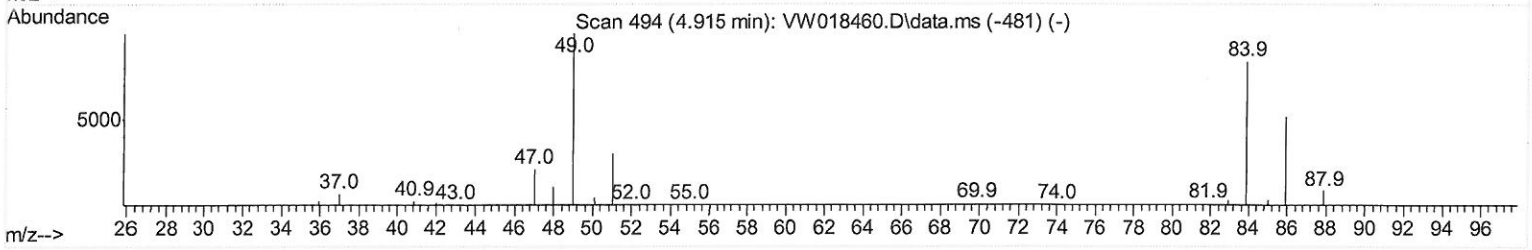
3/29/2021 4:47:42 PM




TIC: VW018464.D\data.ms

(16) Methylene chloride (T)

4.916min (+ 0.000) 1.48 ug/L m

response 9298

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 93.51 |
| 86.00 | 65.90 | 58.07 |
| 0.00 | 0.00 | 0.00 |

MD 4/5/21

Quantitation Report (Qedit)

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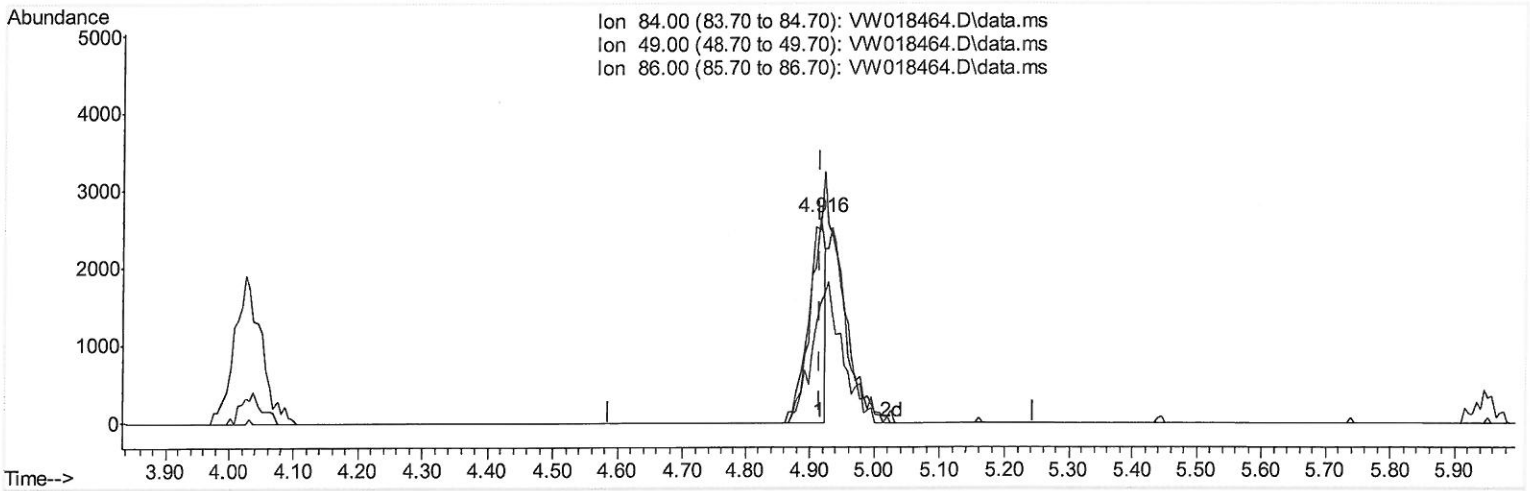
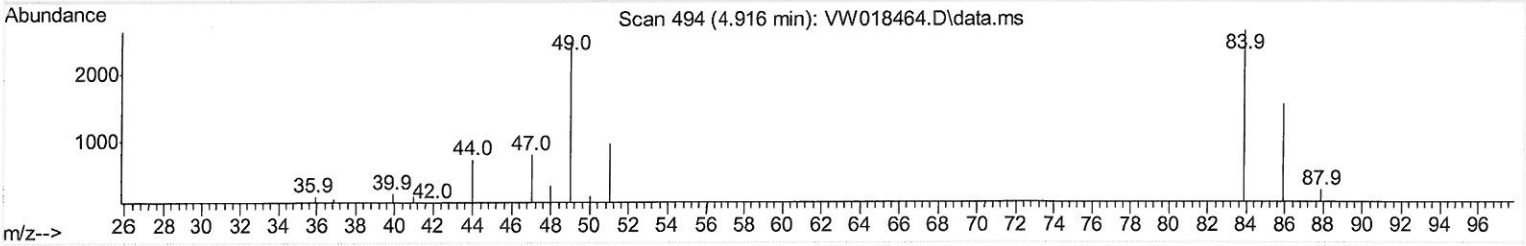
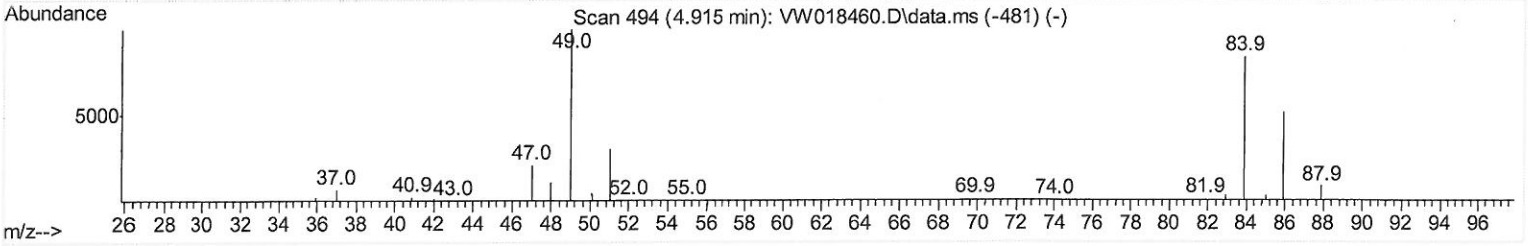
QLast Update : Sat Mar 27 01:30:53 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BG4X8

**Manual Integrations APPROVED**
MMDadoda
3/29/2021 4:47:42 PM




TIC: VW018464.D\data.ms

(16) Methylene chloride (T)

4.916min (+ 0.000) 0.66 ug/L

response 4179

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 93.51 |
| 86.00 | 65.90 | 58.07 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Sat Mar 27 01:30:53 2021
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** BG4X8

**Manual Integrations APPROVED**
MMDadoda
3/29/2021 4:47:42 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 383742 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.634 | 117 | 351100 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 166217 | 25.00 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.361 | 65 | 128833 | 24.13 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 96.52% | | | |
| 7) Chloroethane-d5 | 2.898 | 69 | 118280 | 25.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 101.20% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.025 | 63 | 163440 | 17.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 70.92% | | | |
| 20) 2-Butanone-d5 | 7.086 | 46 | 64949 | 54.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 109.26% | | | |
| 24) Chloroform-d | 7.653 | 84 | 235354 | 24.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 96.32% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 143773 | 25.20 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 100.80% | | | |
| 29) Benzene-d6 | 8.281 | 84 | 448669 | 24.04 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 96.16% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.275 | 67 | 130306 | 24.20 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 96.80% | | | |
| 37) Toluene-d8 | 10.323 | 98 | 407241 | 22.66 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 90.64% | | | |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79 | 58942 | 21.23 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 84.92% | | | |
| 39) 2-Hexanone-d5 | 10.927 | 63 | 53144 | 50.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 100.88% | | | |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695 | 84 | 121072 | 25.14 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 100.56% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 141558 | 23.95 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 95.80% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 4.153 | 43 | 2506 | 2.93 | ug/L | 74 |
| 16) Methylene chloride | 4.916 | 84 | 9298m | 1.48 | ug/L | |

md 4/5/21

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