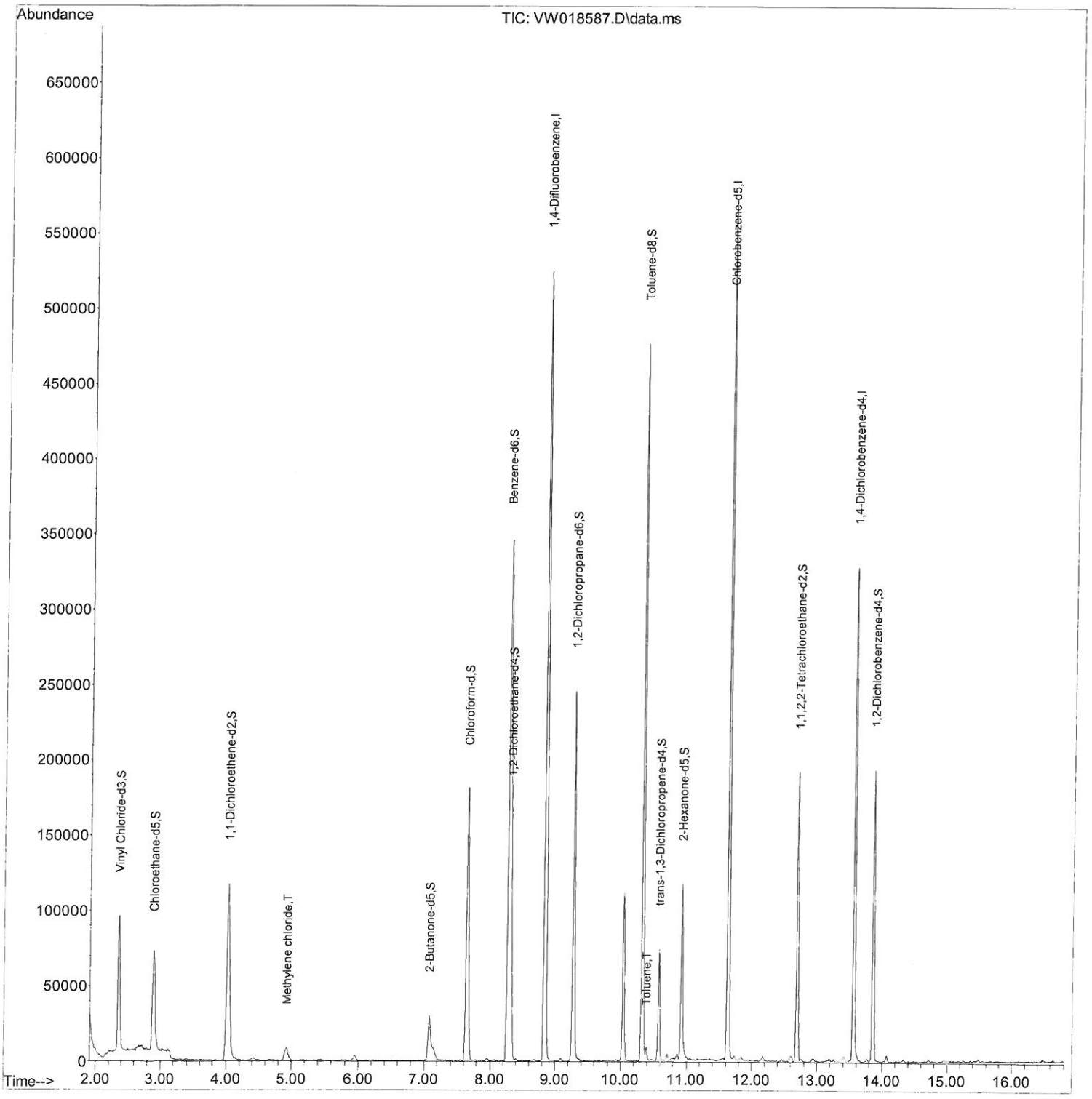
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018587.D
Acq On : 07 Apr 2021 17:42
Operator : SY/VA
Sample : M1881-17RE
Misc : 5.91G/10ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 08 05:38:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
ESQG1RE

**Manual Integrations APPROVED**
MMDadoda
4/9/2021 9:28:00 AM



Quantitation Report (Qedit)

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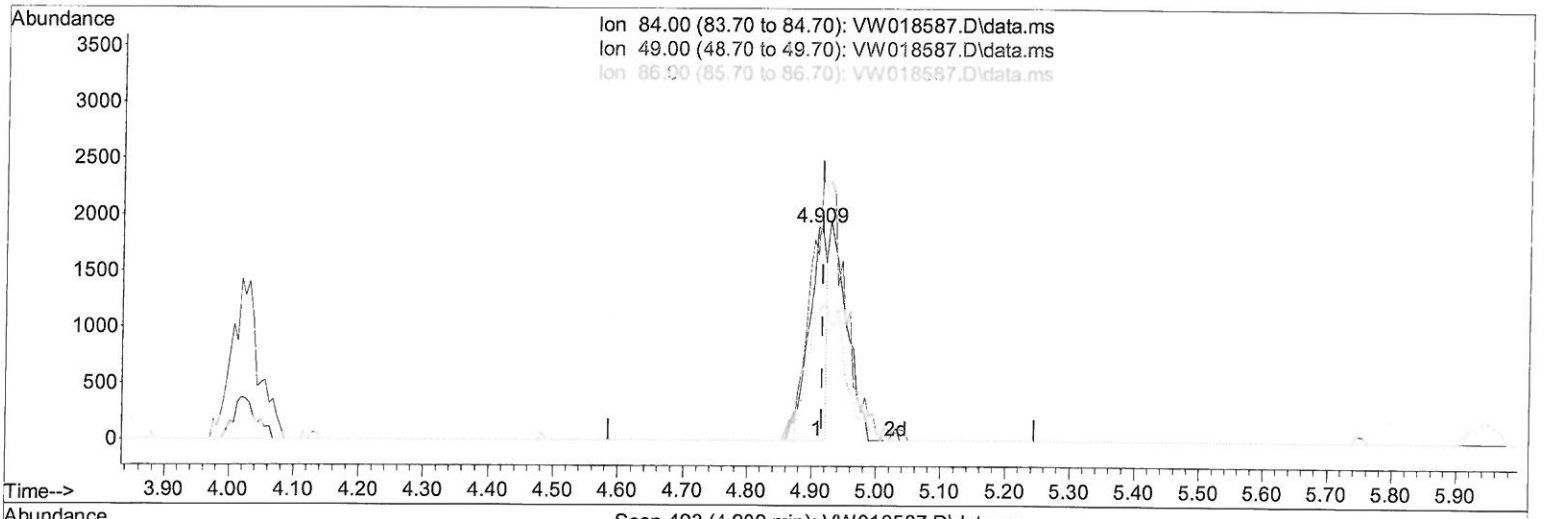
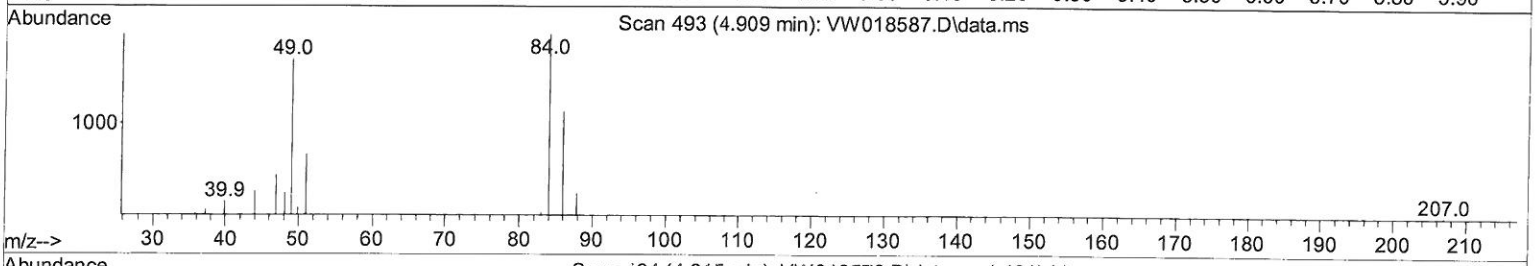
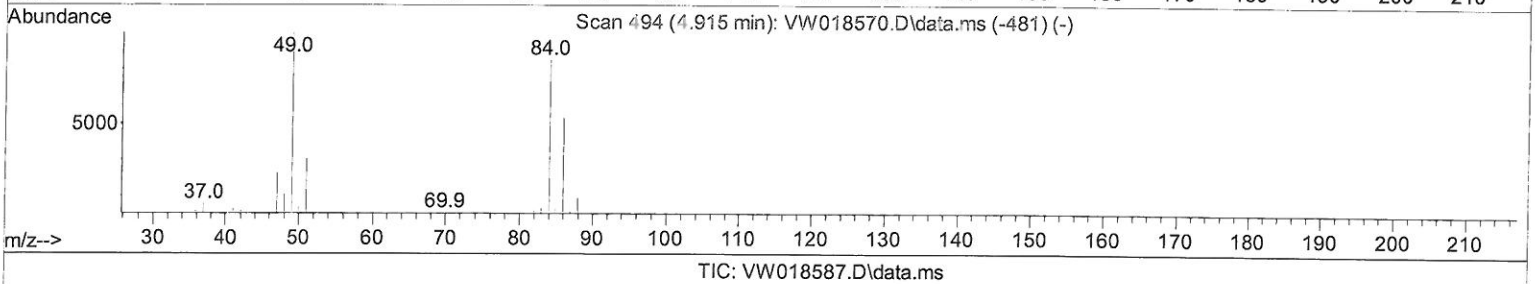
4/9/2021 9:28:00 AM




TIC: VW018587.D\data.ms

(16) Methylene chloride (T)

4.909min (-0.006) 0.50 ug/L

response 3620

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 86.52 |
| 86.00 | 65.90 | 58.61 |
| 0.00 | 0.00 | 0.00 |

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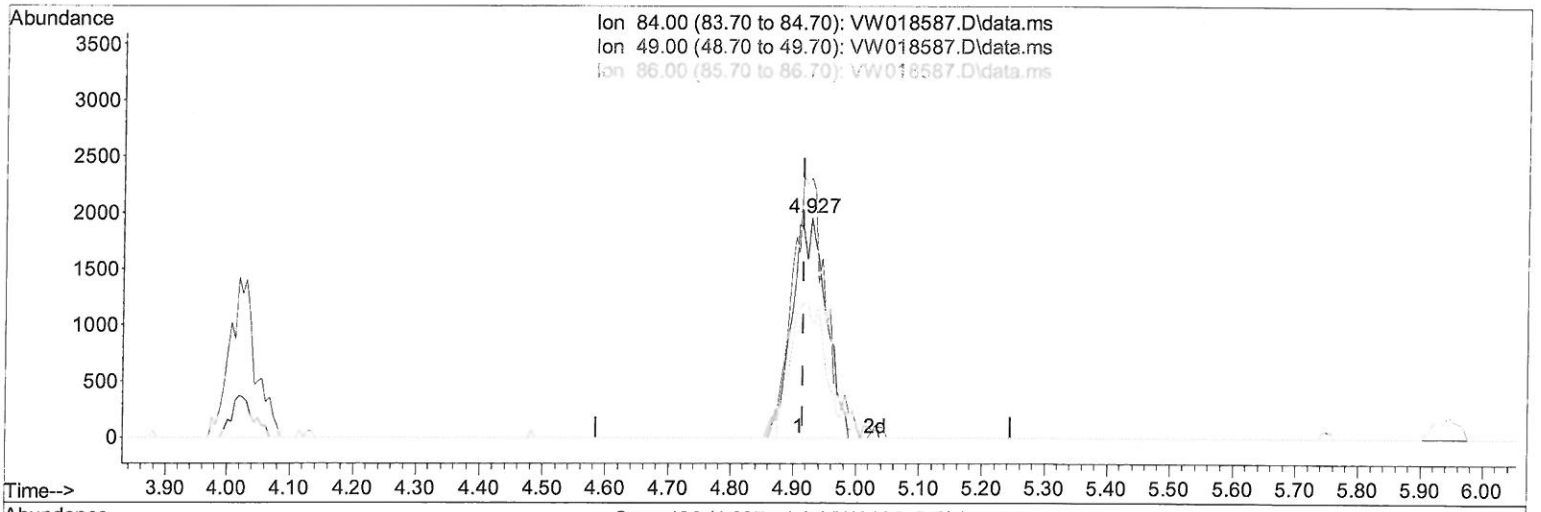
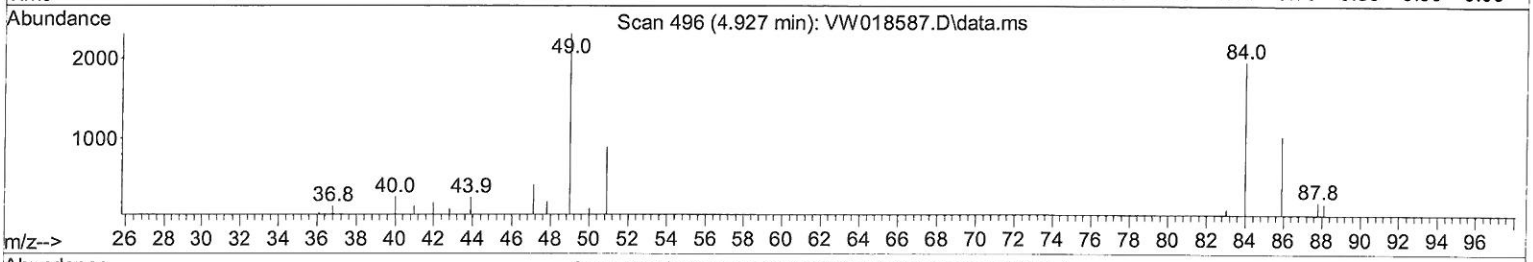
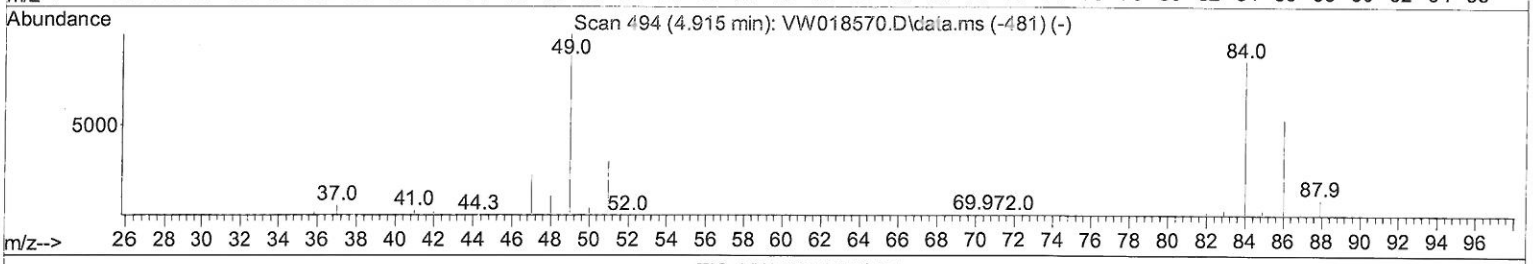
**Instrument :**
MSVOA_W
**ClientSampleId :**
ESQG1RE

**Manual Integrations APPROVED**
MMDadoda
4/9/2021 9:28:00 AM




TIC: VW018587.D\data.ms

(16) Methylene chloride (T)

4.927min (+ 0.012) 1.02 ug/L m

response 7437

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 49.00 | 106.30 | 117.73 |
| 86.00 | 65.90 | 53.14 |
| 0.00 | 0.00 | 0.00 |

> MD
4/12/21

Quantitation Report (QT Reviewed)

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Acq On : 07 Apr 2021 17:42
Operator : SY/VA
Sample : M1881-17RE
Misc : 5.91G/10ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** ESQG1RE

**Manual Integrations APPROVED**
MMDadoda
4/9/2021 9:28:00 AM

Quant Time: Apr 08 05:38:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) 1,4-Difluorobenzene | 8.841 | 114 | 443374 | 25.00 ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.627 | 117 | 313325 | 25.00 ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.560 | 152 | 85414 | 25.00 ug/L | 0.00 |
| System Monitoring Compounds | | | | | |
| 4) Vinyl Chloride-d3 | 2.361 | 65 | 111579 | 18.08 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 72.32% | | |
| 7) Chloroethane-d5 | 2.897 | 69 | 88664 | 16.42 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 65.68% | | |
| 10) 1,1-Dichloroethene-d2 | 4.025 | 63 | 127641 | 11.98 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 47.92% | | |
| 20) 2-Butanone-d5 | 7.079 | 46 | 49236 | 35.84 ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 71.68% | | |
| 24) Chloroform-d | 7.652 | 84 | 187011 | 16.56 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 66.24% | | |
| 26) 1,2-Dichloroethane-d4 | 8.311 | 65 | 117890 | 17.88 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 71.52% | | |
| 29) Benzene-d6 | 8.274 | 84 | 353933 | 21.25 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 85.00% | | |
| 33) 1,2-Dichloropropane-d6 | 9.274 | 67 | 107148 | 22.30 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 89.20% | | |
| 37) Toluene-d8 | 10.323 | 98 | 309924 | 19.32 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 77.28% | | |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79 | 38014 | 15.34 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 61.36% | | |
| 39) 2-Hexanone-d5 | 10.926 | 63 | 39695 | 42.22 ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 84.44% | | |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694 | 84 | 90210 | 20.99 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 83.96% | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.853 | 152 | 46052 | 15.17 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 60.68%# | | |
| Target Compounds | | | | | Qvalue |
| 16) Methylene chloride | 4.927 | 84 | 7437m | 1.02 ug/L | |
| 44) Toluene | 10.384 | 91 | 6321 | 0.31 ug/L | 86 |

MD 4/12/21

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