Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101720\
Data File : VW016932.D
Acq On : 16 Oct 2020 16:51
Operator : SY/VA
Sample : VIBLK17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 17 00:45:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK17

**Manual Integrations APPROVED**
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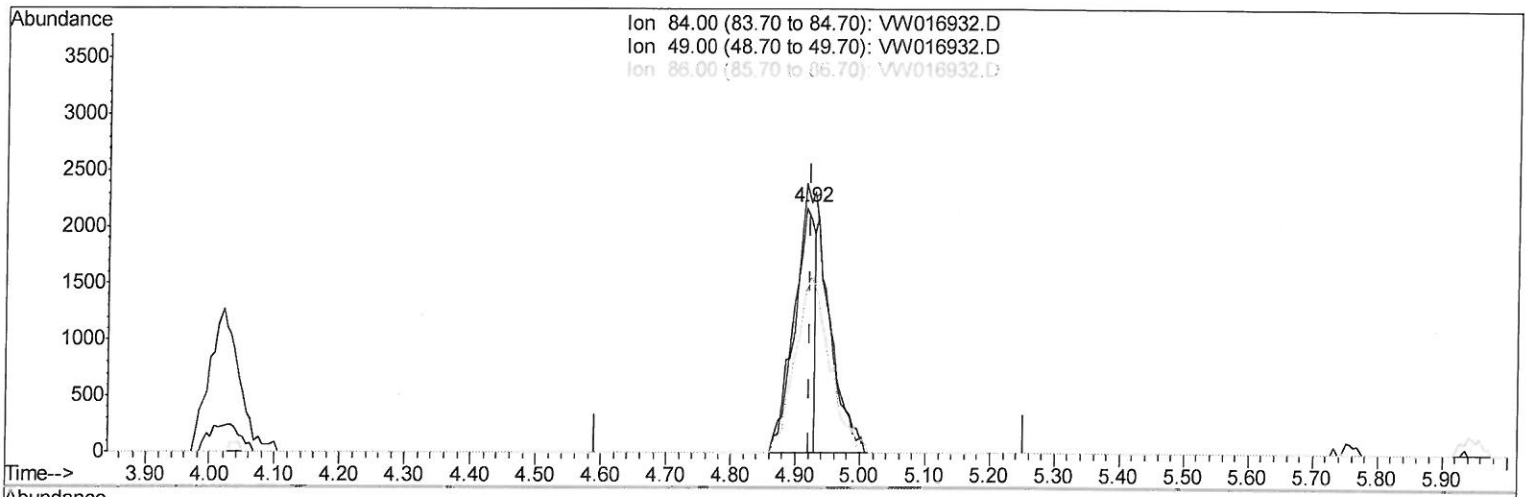


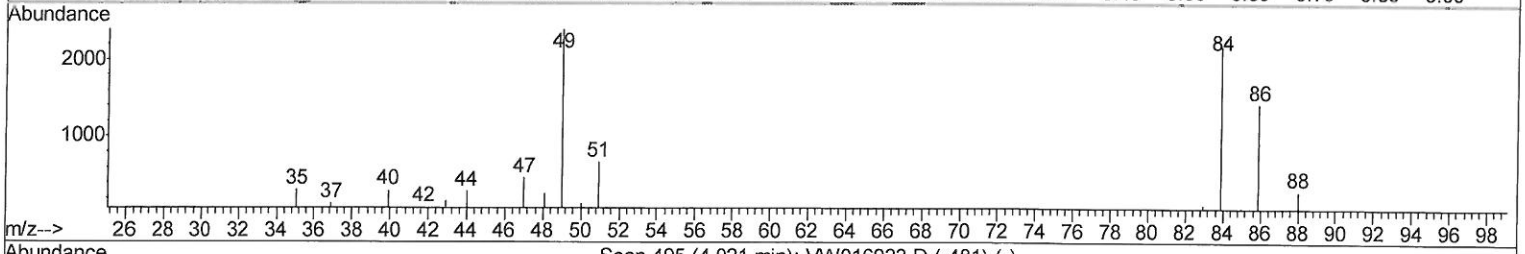


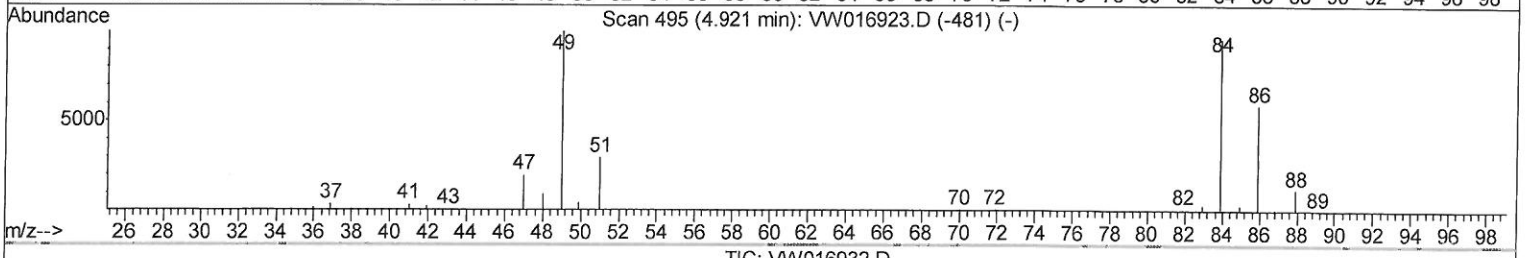


TIC: VW016932.D

(16) Methylene chloride (T)

4.916min (-0.006) 0.62ug/L

response 4769

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 104.50 | 109.72 |
| 86.00 | 65.70 | 65.64 |
| 0.00 | 0.00 | 0.00 |

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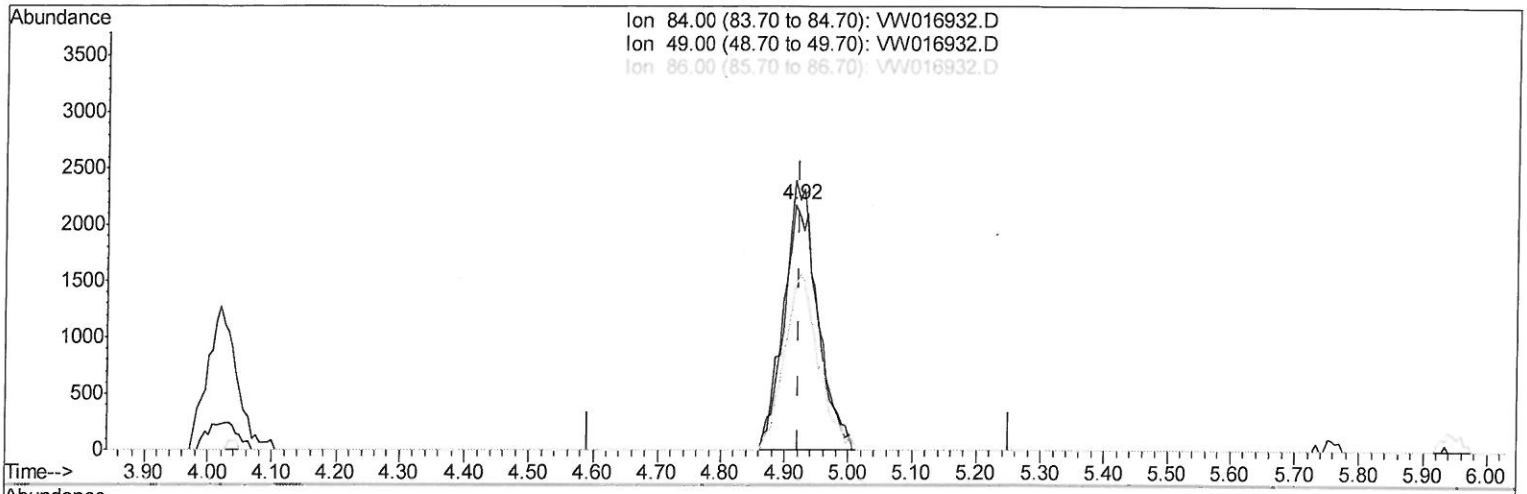


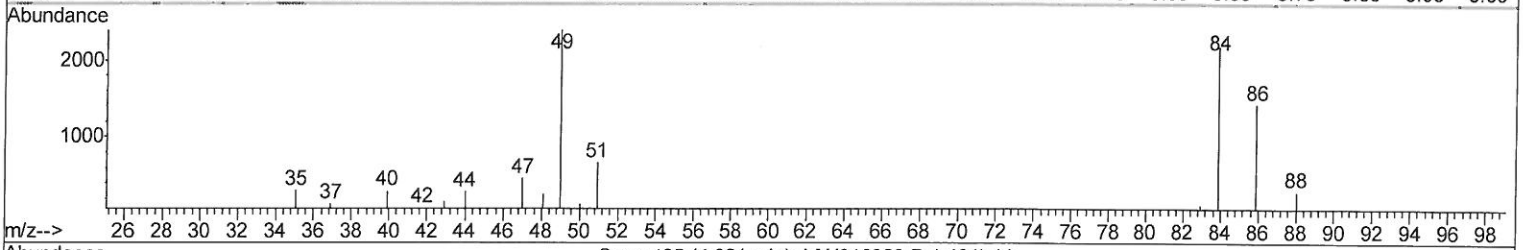


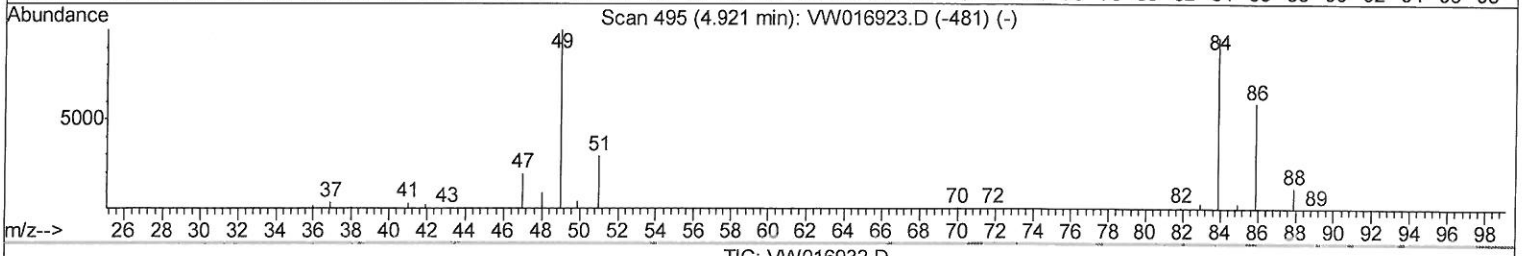


TIC: VW016932.D

(16) Methylene chloride (T)

4.916min (-0.006) 1.07ug/L m > 10/20/20 GP

response 8226

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 104.50 | 109.72 |
| 86.00 | 65.70 | 65.64 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101720\

Quantitation Report (LSC Reviewed)

Data File : VW016932.D
Acq On : 16 Oct 2020 16:51
Operator : SY/VA
Sample : VIBLK17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 17 22:38:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK17

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 554596 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 502134 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 251430 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 93516 | 17.09 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 68.36% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 80070 | 17.45 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 69.80% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 148453 | 12.78 | ug/L | -0.01 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 51.12% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 72358 | 58.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 116.78% | | | |
| 24) Chloroform-d | 7.65 | 84 | 241262 | 20.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 82.48% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 129519 | 22.92 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 91.68% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 472564 | 20.72 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 82.88% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 138403 | 22.58 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 90.32% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 436562 | 20.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 81.16% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 57063 | 21.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 84.44% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 58727 | 61.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 123.92% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 136313 | 27.53 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 110.12% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 180084 | 22.58 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 90.32% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.92 | 84 | 8226m | 1.075 | ug/L | |
| 47) Tetrachloroethene | 10.87 | 164 | 5787 | 0.818 | ug/L | 94 |

10/20/20 fy

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

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