Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040119\

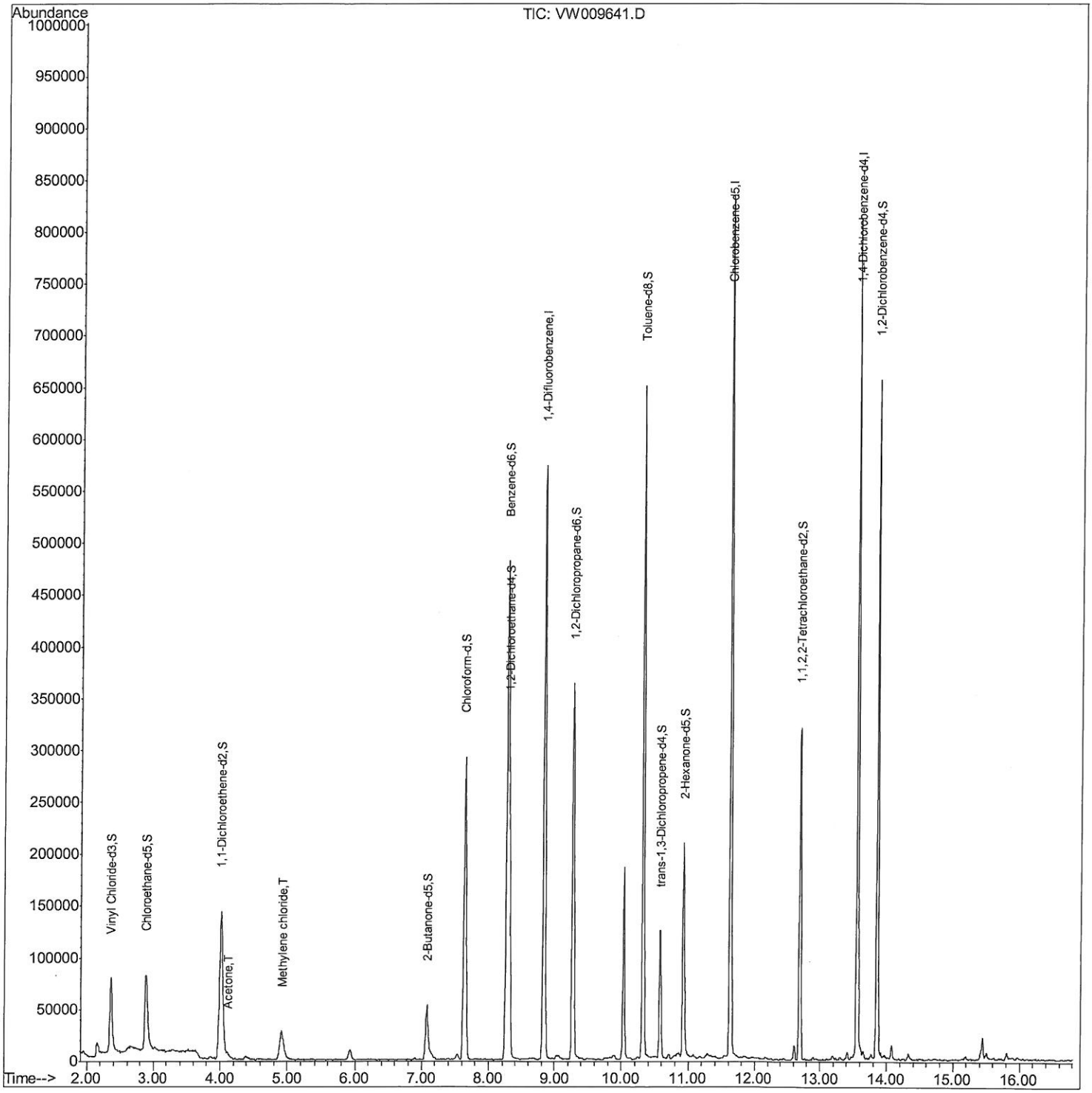
Quantitation Report (QT Reviewed)

Data File : VW009641.D
Acq On : 01 Apr 2019 23:22
Operator : SY/VA
Sample : K2119-12
Misc : 5.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 02 03:49:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BF5A7

**Manual Integrations APPROVED**
MMDadoda
4/8/2019 3:30:37 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040119\

Quantitation Report (Qedit)

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Quant Time: Apr 02 01:39:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
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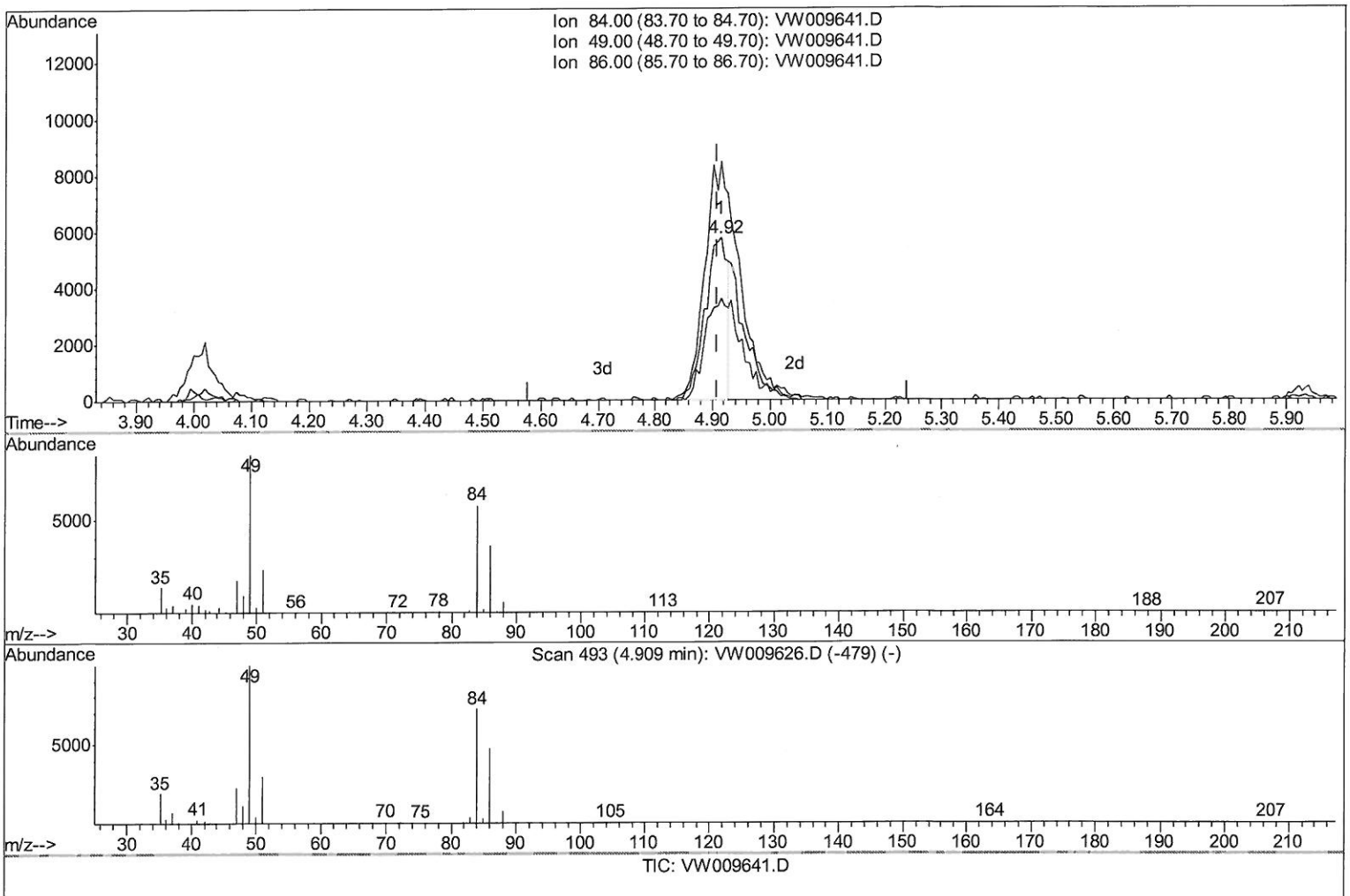
MMDadoda
4/8/2019 3:30:37 AM




TIC: VW009641.D

(16) Methylene chloride (T)

4.915min (+0.006) 2.41ug/L

response 15483

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 137.10 | 146.95 |
| 86.00 | 63.50 | 62.80 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040119\

Quantitation Report (Qedit)

Data File : VW009641.D
Acq On : 01 Apr 2019 23:22
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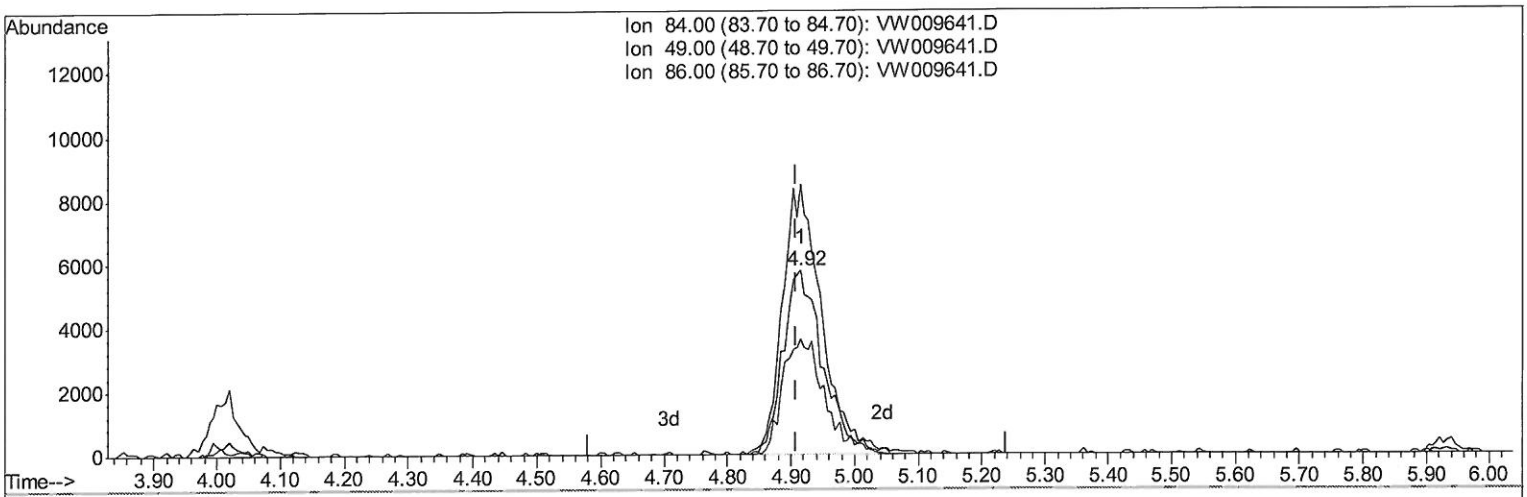
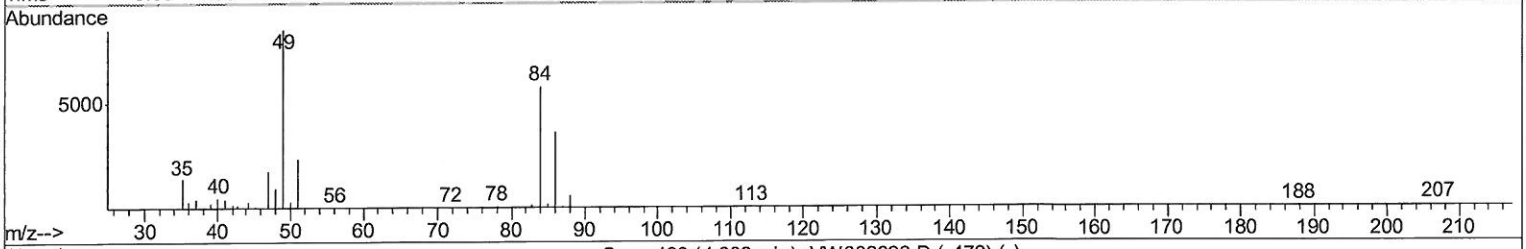
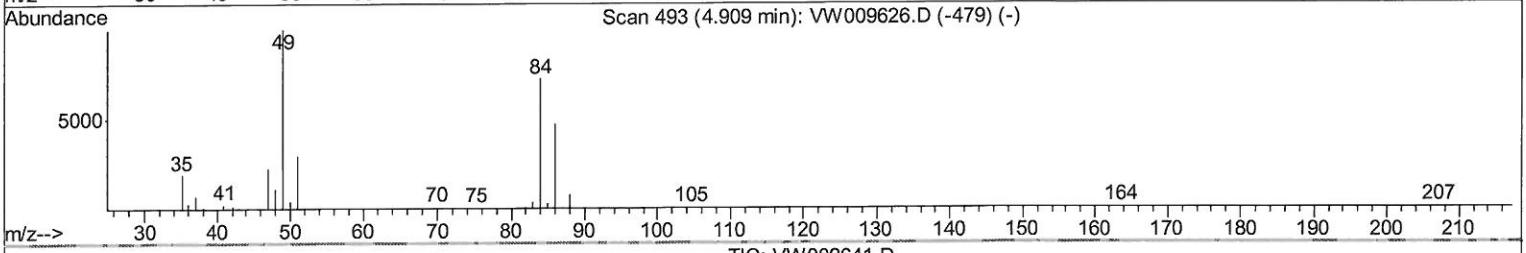
**Instrument :**
MSVOA_W
**ClientSampleId :**
BF5A7

**Manual Integrations APPROVED**
MMDadoda
4/8/2019 3:30:37 AM




TIC: VW009641.D

(16) Methylene chloride (T)

4.915min (+0.006) 3.86ug/L m

response 24771

7mD 4/13/19

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 137.10 | 146.95 |
| 86.00 | 63.50 | 62.80 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040119\

Quantitation Report (QT Reviewed)

Data File : VW009641.D
Acq On : 01 Apr 2019 23:22
Operator : SY/VA
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Misc : 5.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** BF5A7

**Manual Integrations APPROVED**
MMDadoda
4/8/2019 3:30:37 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 440080 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 426126 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 187753 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 107122 | 20.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 81.48% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 108511 | 17.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 70.52% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 178178 | 15.68 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 62.72% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 89317 | 41.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 82.14% | | | |
| 24) Chloroform-d | 7.64 | 84 | 263532 | 21.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 87.76% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 164425 | 22.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 90.92% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 461320 | 19.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 78.52% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 149685 | 21.21 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 84.84% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 397326 | 18.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 73.16% | | | |
| 38) trans-1,3-Dichloropropene- | 10.57 | 79 | 62254 | 17.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 70.24% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 56045 | 32.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 65.56% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 146421 | 21.06 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 84.24% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 157659 | 21.90 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 87.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 6293 | 3.528 | ug/L | 100 |
| 16) Methylene chloride | 4.92 | 84 | 24771m | 3.860 | ug/L | |

JMB 4/13/19

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