

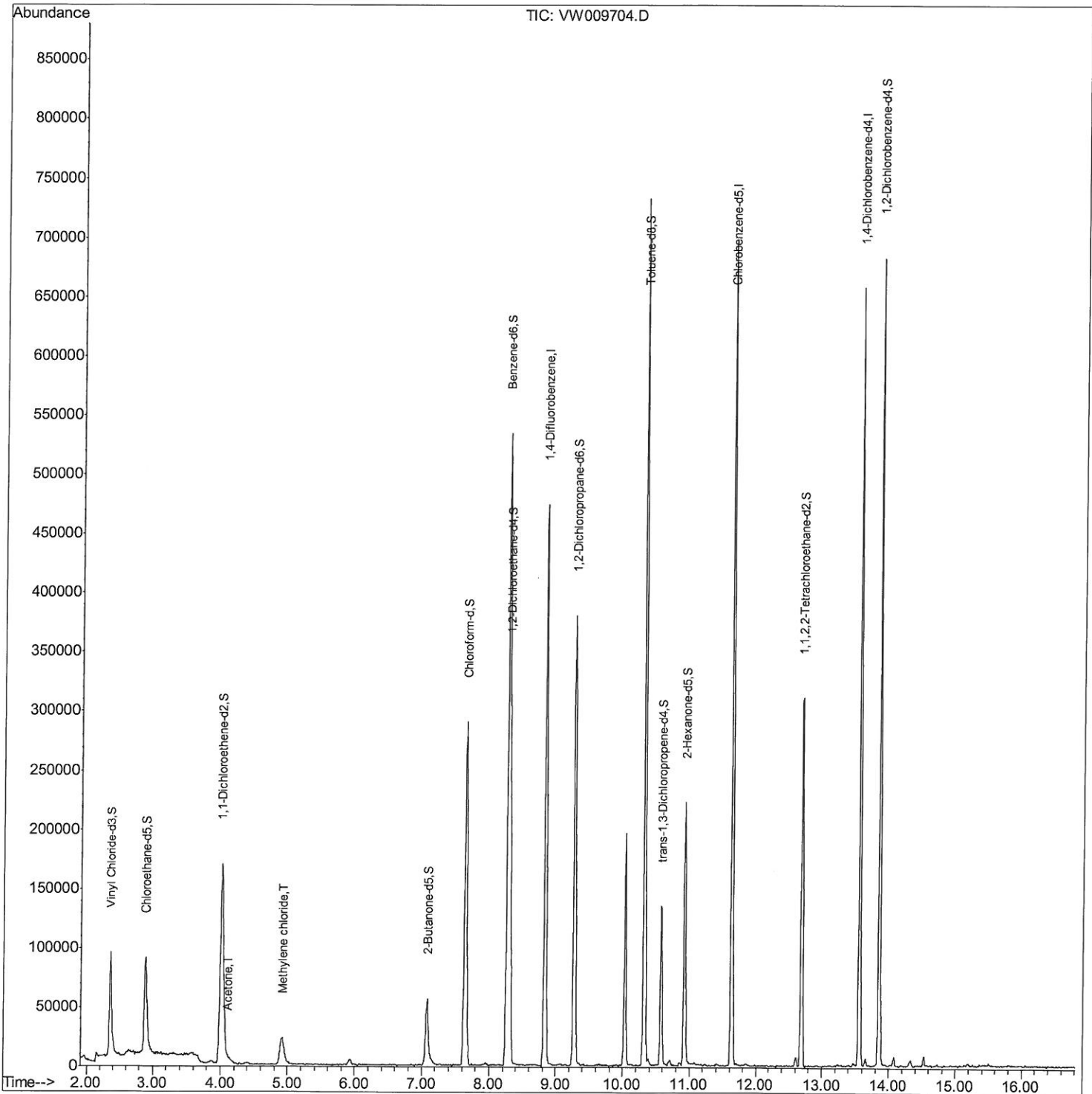
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW040519\  
Data File : VW009704.D  
Acq On : 05 Apr 2019 01:37  
Operator : SY/VA  
Sample : K2276-02  
Misc : 5.34G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BF129

Manual Integrations  
APPROVED

MMDadoda  
4/8/2019 3:32:40 AM

Quant Time: Apr 05 06:51:22 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 05 05:32:00 2019  
Response via : Initial Calibration



## Quantitation Report (Qedit)

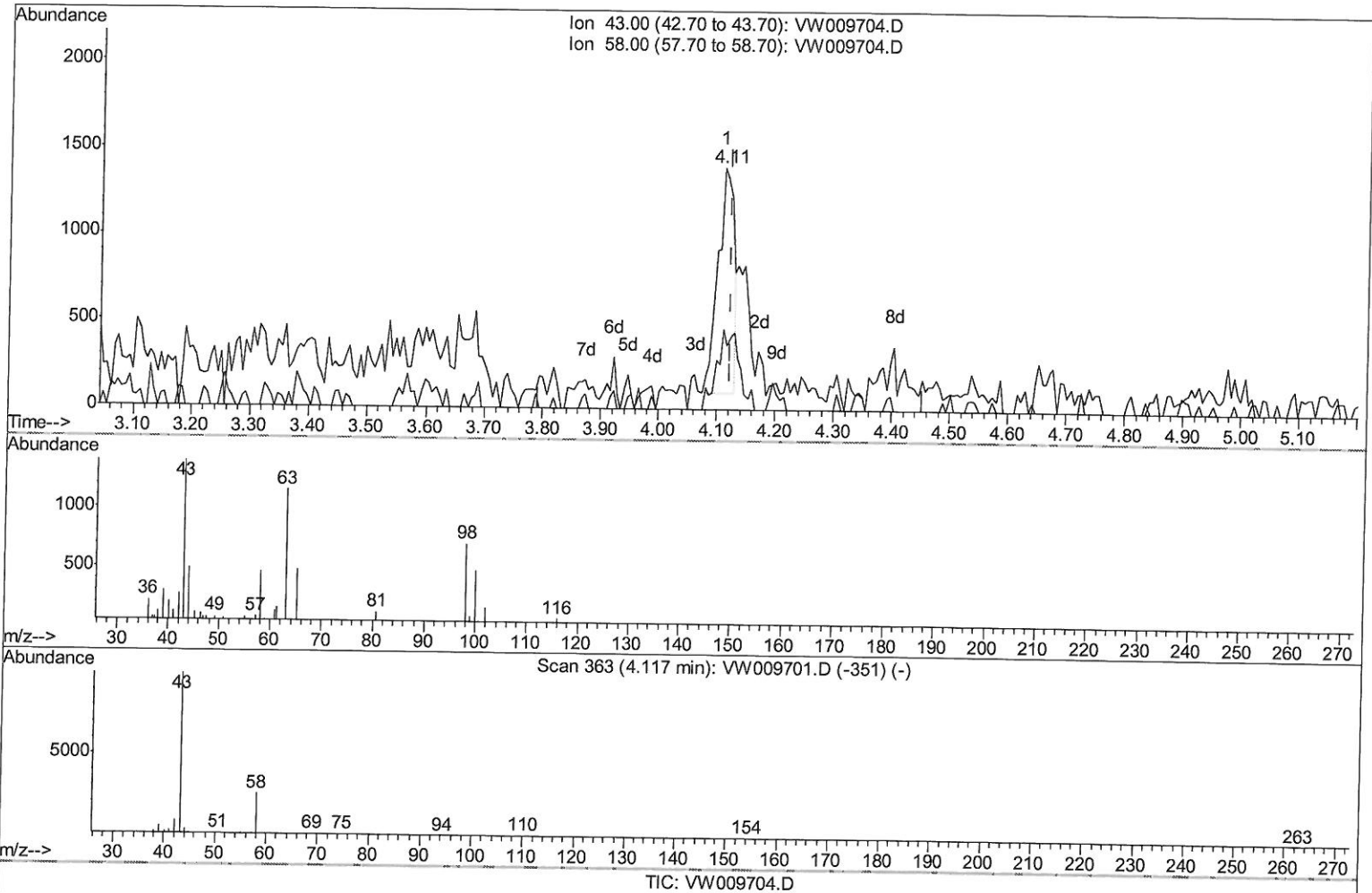
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Response via : Initial Calibration



(13) Acetone (T)

4.111min (-0.012) 1.49ug/L

response 2466

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 26.50 | 21.90 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

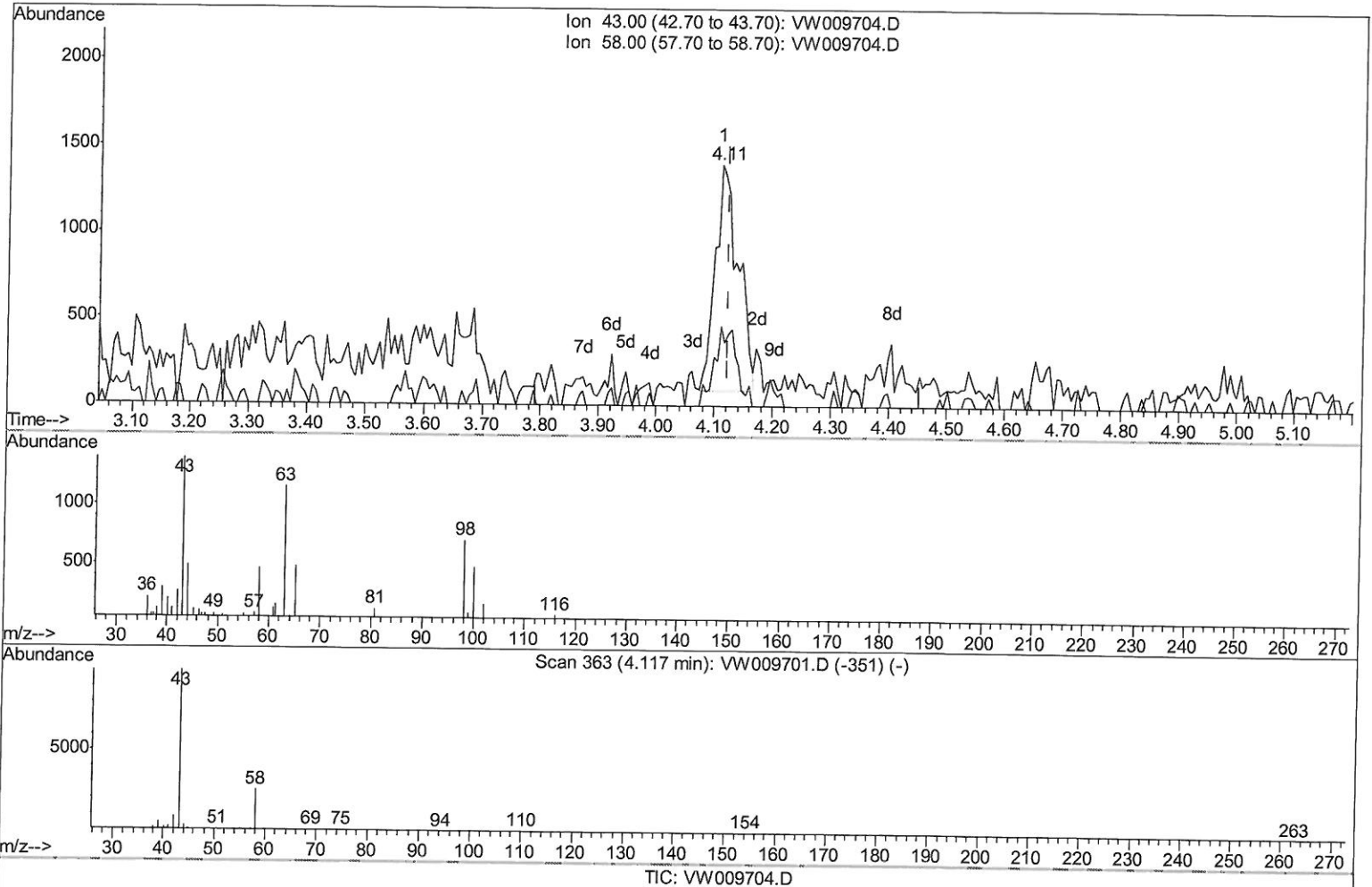
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW040519\  
 Data File : VW009704.D  
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 Operator : SY/VA  
 Sample : K2276-02  
 Misc : 5.34G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
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**ClientSampleId :**  
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**Manual Integrations**  
**APPROVED**

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 Quant Title : VOC Analysis  
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 Response via : Initial Calibration



(13) Acetone (T)

4.111min (-0.012) 2.17ug/L m

response 3582

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 26.50 | 15.08 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

*Handwritten:* M.D. 4/8/19

# Quantitation Report (Qedit)

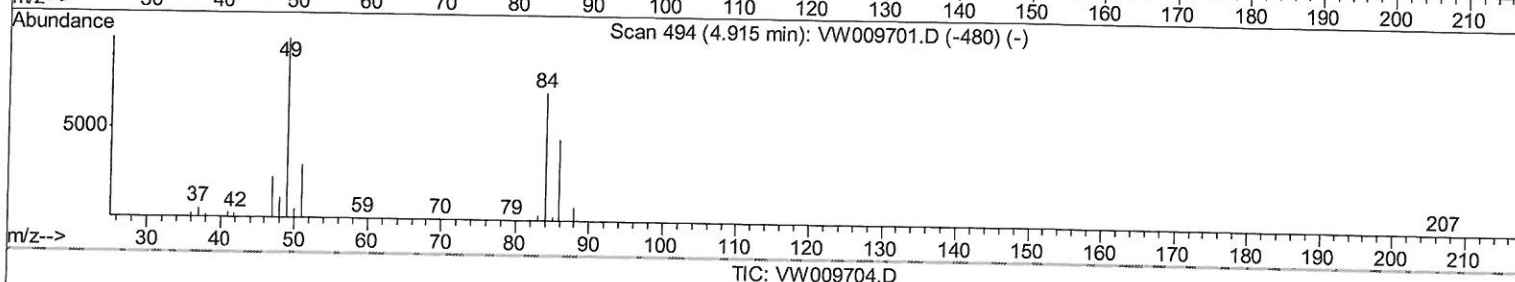
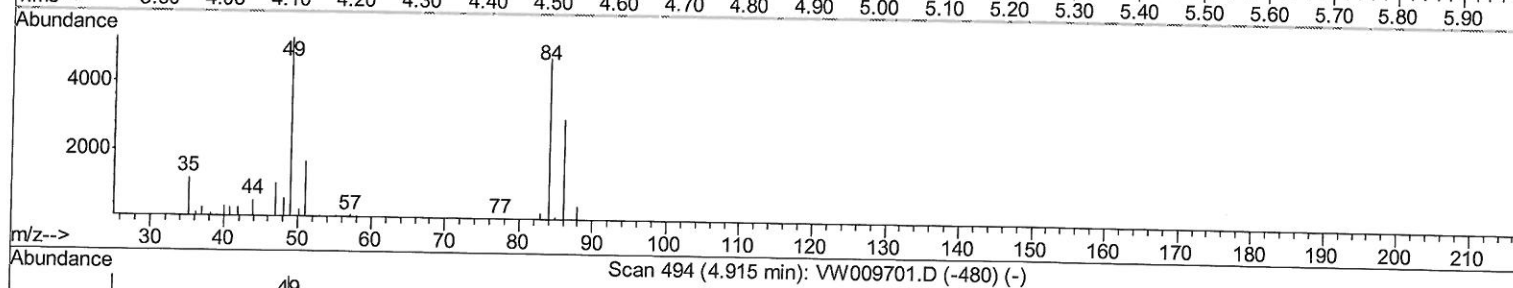
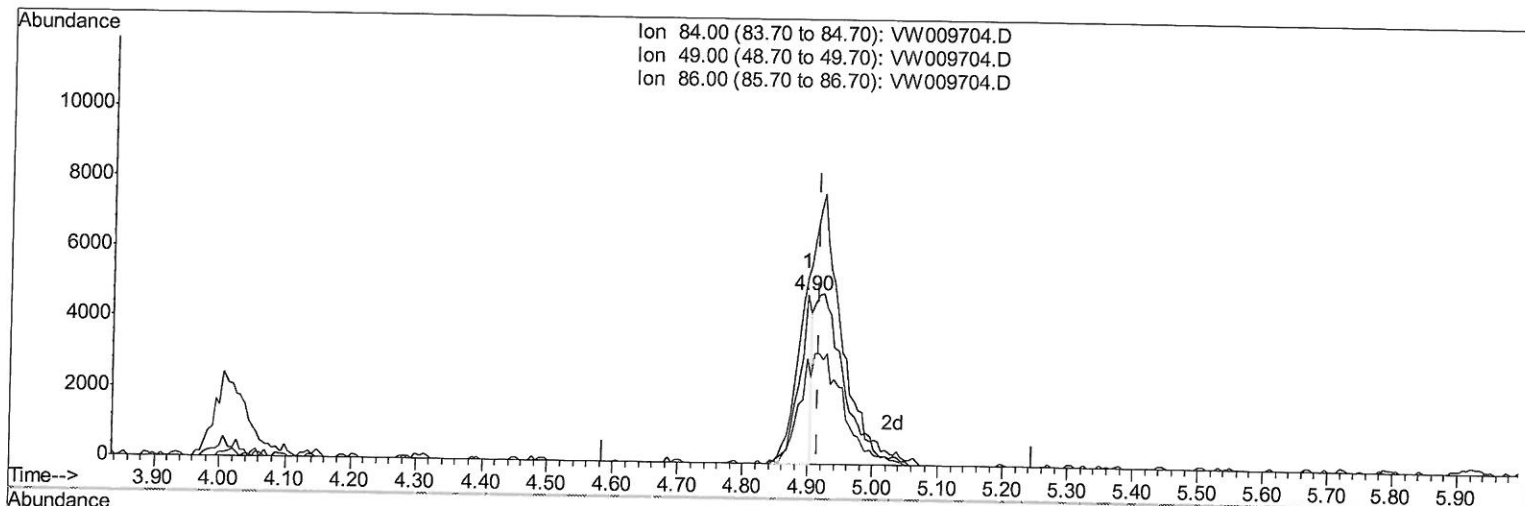
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Manual Integrations  
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 Response via : Initial Calibration



(16) Methylene chloride (T)

4.897min (-0.018) 1.03ug/L

response 6611

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 140.40 | 110.30 |
| 86.00 | 66.30  | 62.29  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

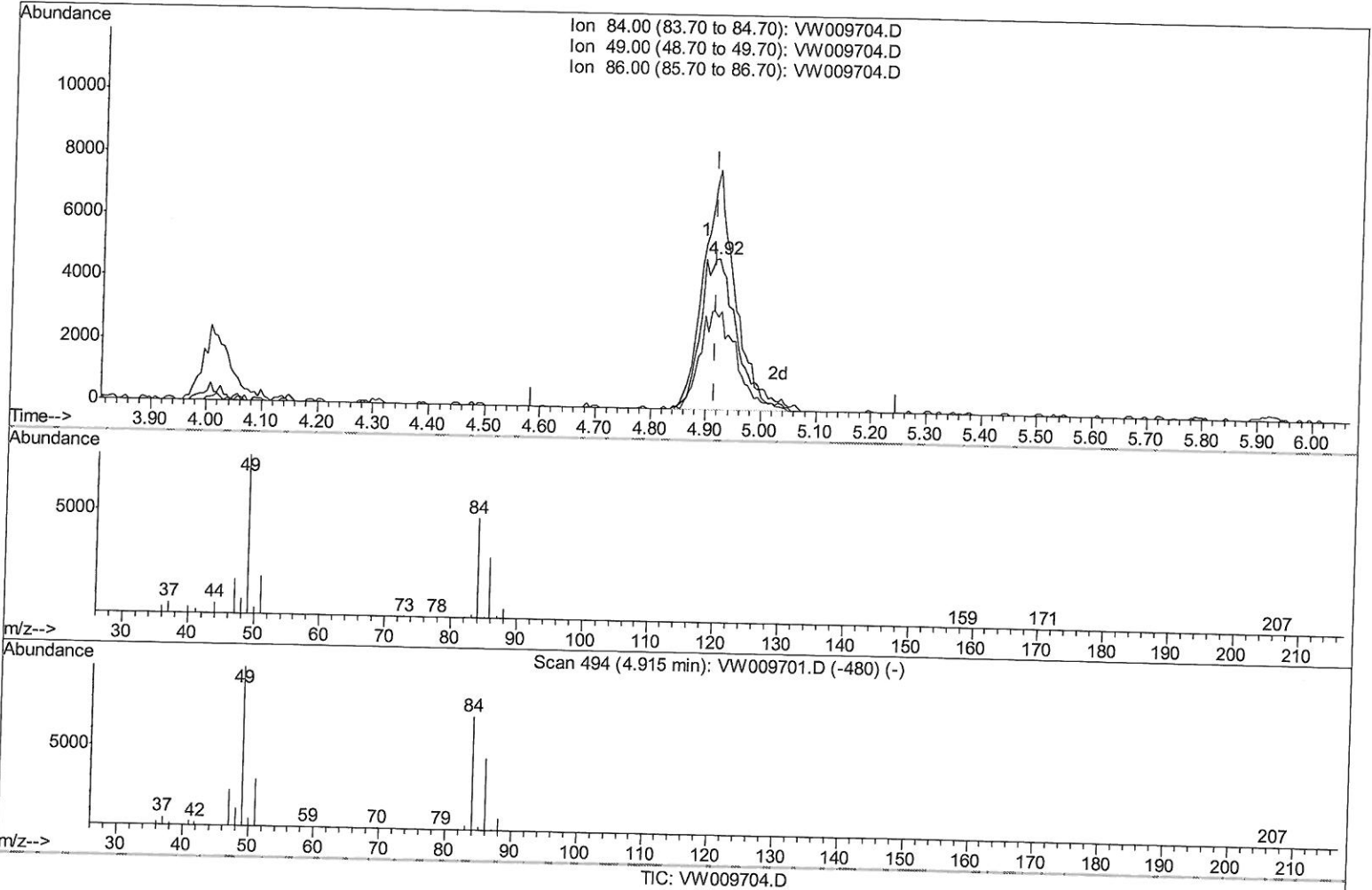
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW040519\  
 Data File : VW009704.D  
 Acq On : 05 Apr 2019 01:37  
 Operator : SY/VA  
 Sample : K2276-02  
 Misc : 5.34G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF129

Manual Integrations  
 APPROVED

MMDadoda  
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 05 05:32:00 2019  
 Response via : Initial Calibration



(16) Methylene chloride (T)  
 4.922min (+0.006) 3.47ug/L m  
 response 22194

*MD*  
*4/8/19*

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 140.40 | 158.40 |
| 86.00 | 66.30  | 61.55  |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
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Manual Integrations  
 APPROVED

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 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 362665   | 25.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 354133   | 25.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 152167   | 25.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 132987   | 28.02    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.08%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 116325   | 26.75    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 107.00%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 216969   | 21.26    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 85.04%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 96696    | 62.75    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 125.50%  |
| 24) Chloroform-d               | 7.64   | 84    | 265874   | 26.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 107.48%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 175584   | 28.90    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 115.60%  |
| 29) Benzene-d6                 | 8.27   | 84    | 507457   | 27.30    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 109.20%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 157845   | 27.49    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.96%  |
| 37) Toluene-d8                 | 10.32  | 98    | 453700   | 26.40    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 105.60%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 69001    | 25.20    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 100.80%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 66321    | 61.28    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 122.56%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 144837   | 27.13    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 108.52%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 163593   | 30.64    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 122.56%# |

## Target Compounds

|                        |      |    |        |       | Qvalue |
|------------------------|------|----|--------|-------|--------|
| 13) Acetone            | 4.11 | 43 | 3582m  | 2.170 | ug/L   |
| 16) Methylene chloride | 4.92 | 84 | 22194m | 3.470 | ug/L   |

y md  
 4/8/19

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