

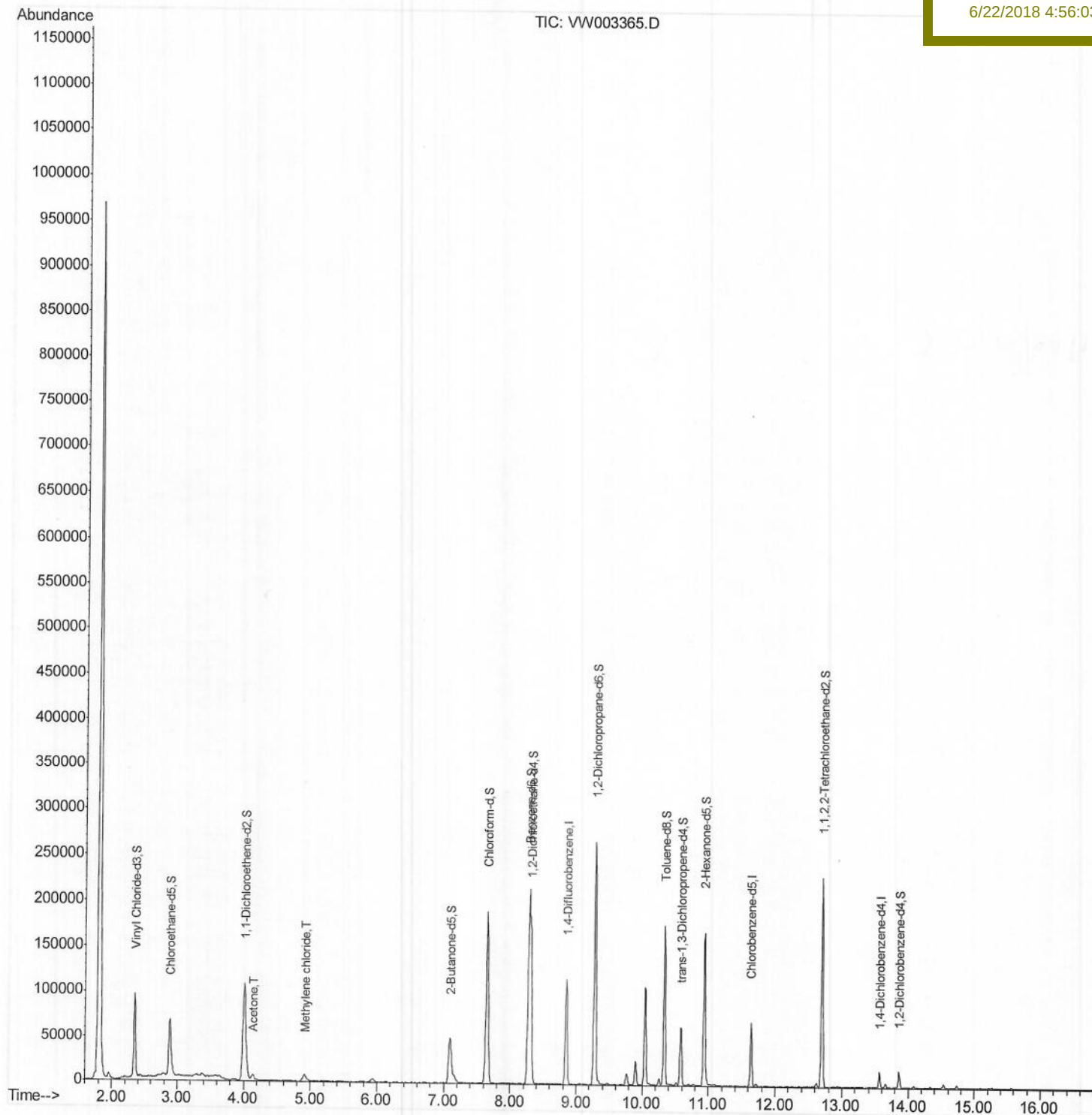
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062018\  
Data File : VW003365.D  
Acq On : 20 Jun 2018 21:03  
Operator : SY/AP  
Sample : J3569-10  
Misc : 3.59G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 05:40:50 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jun 21 05:02:42 2018  
Response via : Initial Calibration

Instrument :  
MSVOA\_W  
Client Sampled :  
DAXR1

Manual Integrations  
APPROVED

MMDadoda  
6/22/2018 4:56:03 PM



# Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062018\

Data File : VW003365.D

Acq On : 20 Jun 2018 21:03

Operator : SY/AP

Sample : J3569-10

Misc : 3.59G/10ML/MSVOA\_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 05:05:44 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M

Quant Title : VOC Analysis

QLast Update : Thu Jun 21 05:02:42 2018

Response via : Initial Calibration

Instrument :

MSVOA\_W

ClientSampleId :

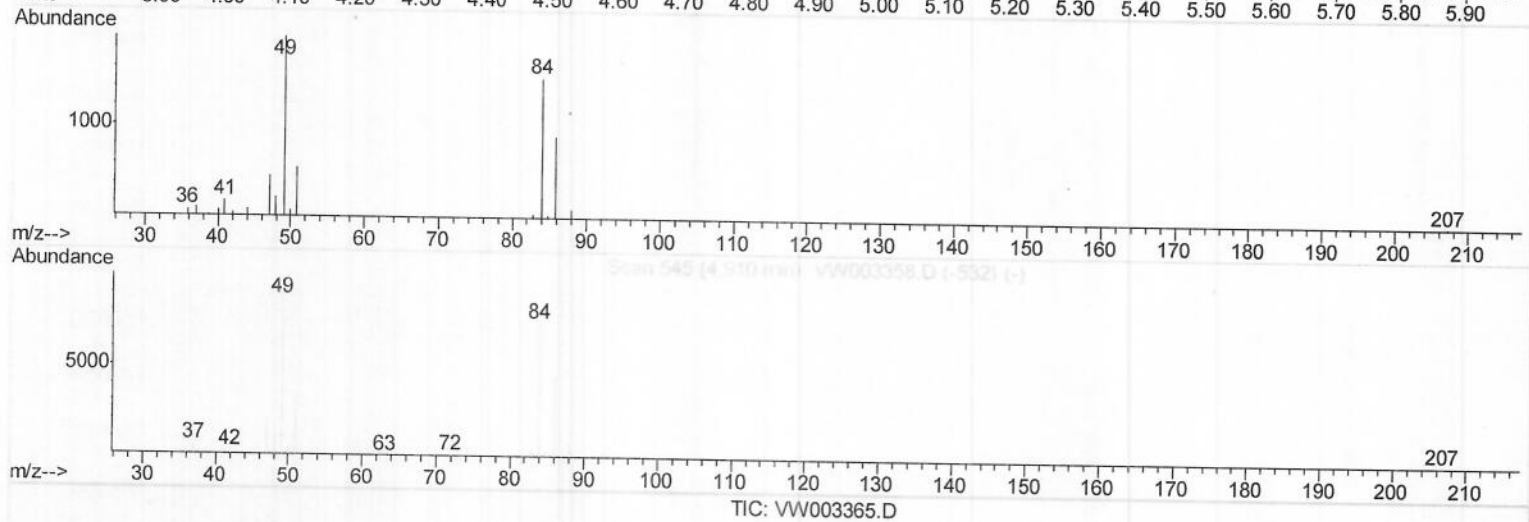
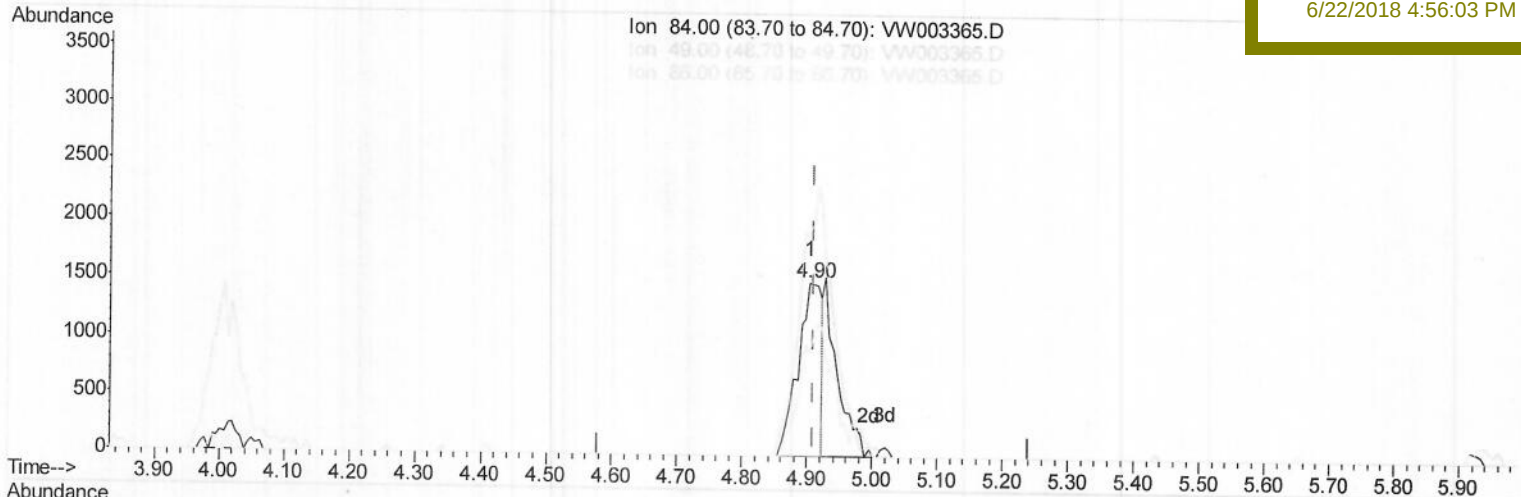
DAXR1

Manual Integrations

APPROVED

MMDadoda

6/22/2018 4:56:03 PM



(16) Methylene chloride (T)

4.904min (-0.006) 2.93ug/L

response 3774

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 126.70 | 122.01 |
| 86.00 | 63.10  | 56.93  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062018\

Data File : VW003365.D

Acq On : 20 Jun 2018 21:03

Operator : SY/AP

Sample : J3569-10

Misc : 3.59G/10ML/MSVOA\_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 21 05:05:44 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M

Quant Title : VOC Analysis

QLast Update : Thu Jun 21 05:02:42 2018

Response via : Initial Calibration

Instrument :

MSVOA\_W

Client Sampled :

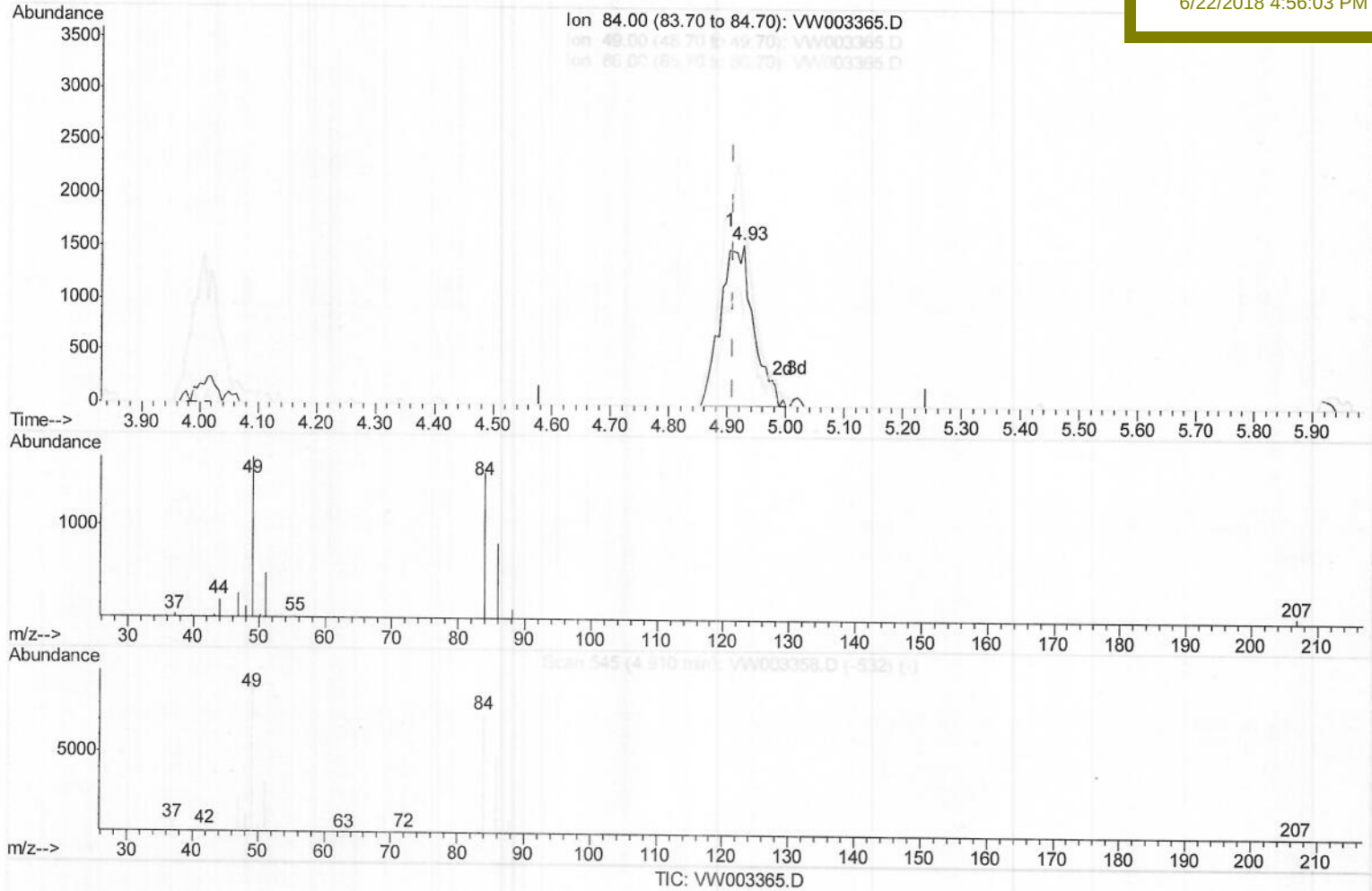
DAXR1

Manual Integrations

APPROVED

MMDadoda

6/22/2018 4:56:03 PM



(16) Methylene chloride (T)

4.928min (+0.018) 4.68ug/L m

response 6022

Ion Exp% Act%

84.00 100 100

49.00 126.70 108.97

86.00 63.10 53.07

0.00 0.00 0.00

MD  
06/30/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062018\  
 Data File : VW003365.D  
 Acq On : 20 Jun 2018 21:03  
 Operator : SY/AP  
 Sample : J3569-10  
 Misc : 3.59G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 DAXR1

Quant Time: Jun 21 05:40:50 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 21 05:02:42 2018  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

MMDadoda  
 6/22/2018 4:56:03 PM

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 93334    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.64 | 117  | 37567    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 4384     | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |          |      |      |
|--------------------------------|----------------|-----|------------|----------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 103673     | 81.90    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 327.60%# |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 87600      | 82.94    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 331.76%# |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.01           | 63  | 134071     | 53.34    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 213.36%# |      |      |
| 20) 2-Butanone-d5              | 7.09           | 46  | 83864      | 210.26   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 420.52%# |      |      |
| 24) Chloroform-d               | 7.65           | 84  | 193405     | 78.77    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 315.08%# |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 125530     | 86.04    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 344.16%# |      |      |
| 29) Benzene-d6                 | 8.28           | 84  | 201204     | 100.94   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 403.76%# |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.28           | 67  | 118771     | 188.24   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 752.96%# |      |      |
| 37) Toluene-d8                 | 10.33          | 98  | 111359     | 58.43    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 233.72%# |      |      |
| 38) trans-1,3-Dichloropropene- | 10.58          | 79  | 33758      | 113.96   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 455.84%# |      |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 48718      | 377.76   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 755.52%# |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70          | 84  | 110788     | 188.72   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 754.88%# |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.86          | 152 | 4850       | 29.29    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 117.16%  |      |      |

## Target Compounds

|                        |      |    |       |        |      |           |
|------------------------|------|----|-------|--------|------|-----------|
| 13) Acetone            | 4.14 | 43 | 9546  | 22.453 | ug/L | Qvalue 86 |
| 16) Methylene chloride | 4.93 | 84 | 6022m | 4.683  | ug/L |           |

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

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 06/30/18