

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\

Data File : VW016079.D

Acq On : 07 Aug 2020 18:59

Operator : SY/VA

Sample : L3598-02

Misc : 5.71G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 08 05:23:39 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M

Quant Title : VOC Analysis

QLast Update : Sat Aug 08 05:08:58 2020

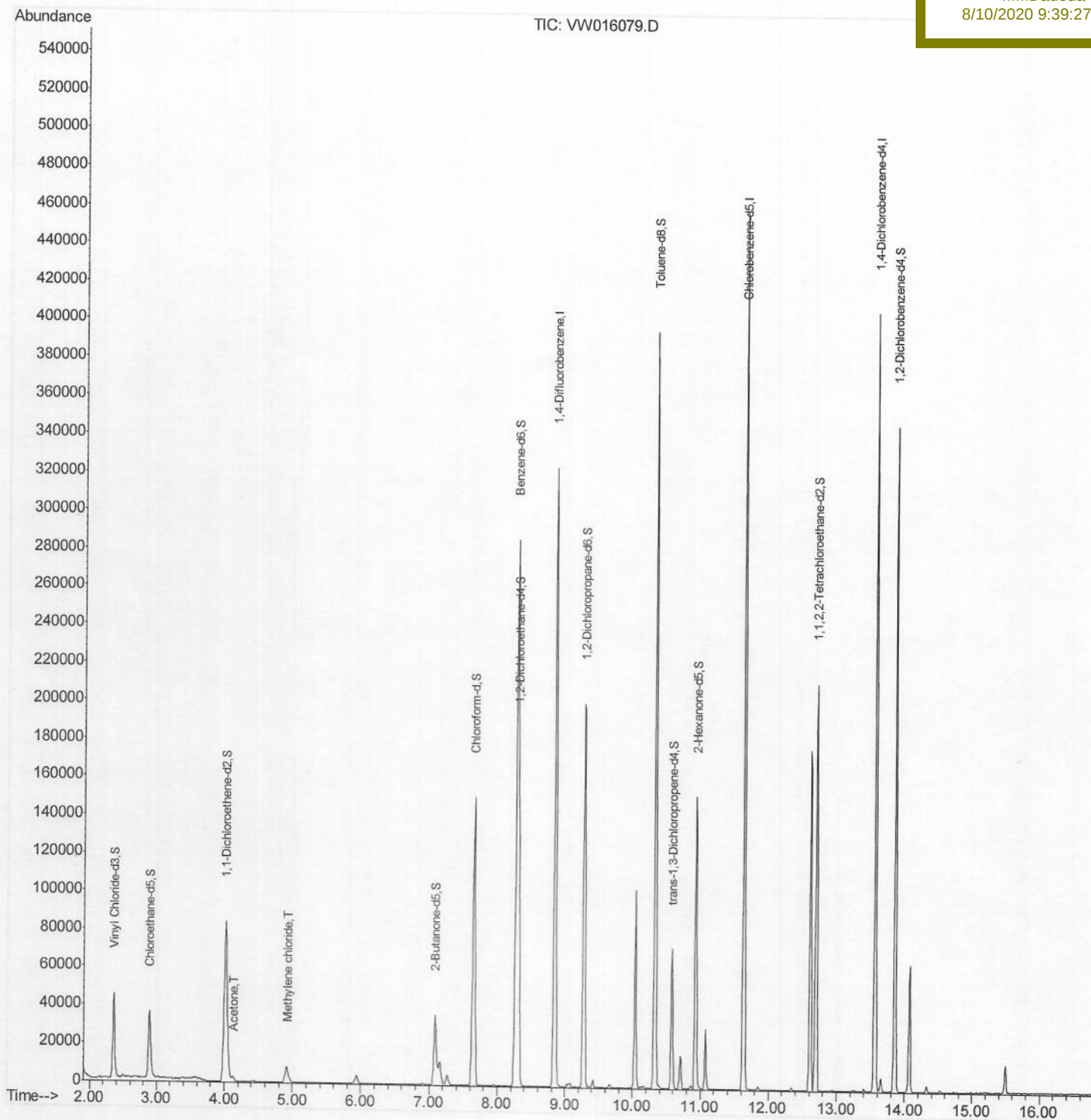
Response via : Initial Calibration

Instrument :

MSVOA\_W

ClientSampled :

GAY60

Manual Integrations  
APPROVEDMMDadoda  
8/10/2020 9:39:27 AM

SOM2WLM072020S.M Sat Aug 08 05:23:03 2020

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ClientSampleId :

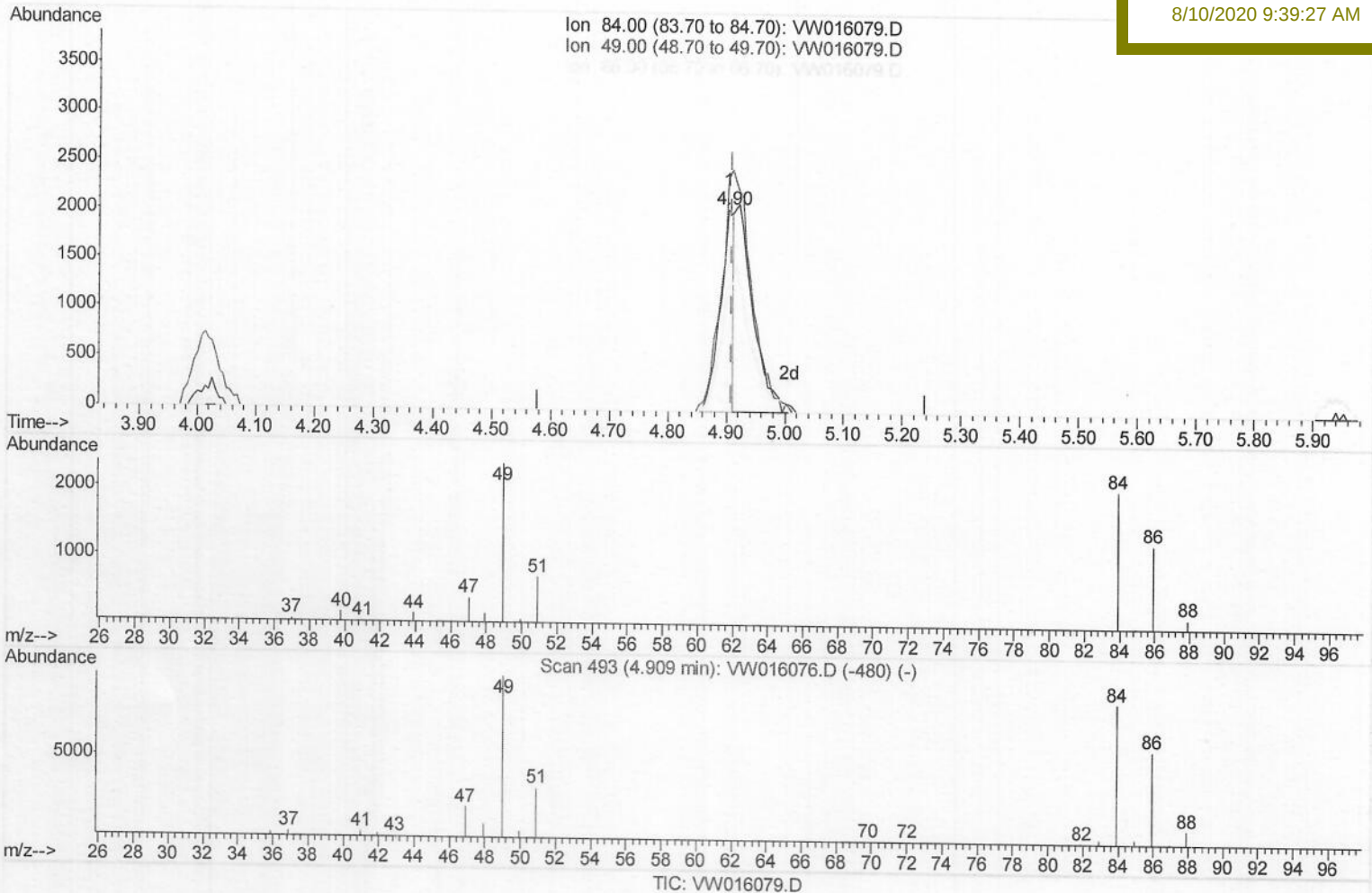
GAY60

Manual Integrations

APPROVED

MMDadoda

8/10/2020 9:39:27 AM



(16) Methylene chloride (T)

4.903min (-0.006) 0.68ug/L

response 3170

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 130.10 | 114.99 |
| 86.00 | 65.70  | 61.28  |
| 0.00  | 0.00   | 0.00   |

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Quant Title : VOC Analysis

Qlast Update : Sat Aug 08 05:08:58 2020

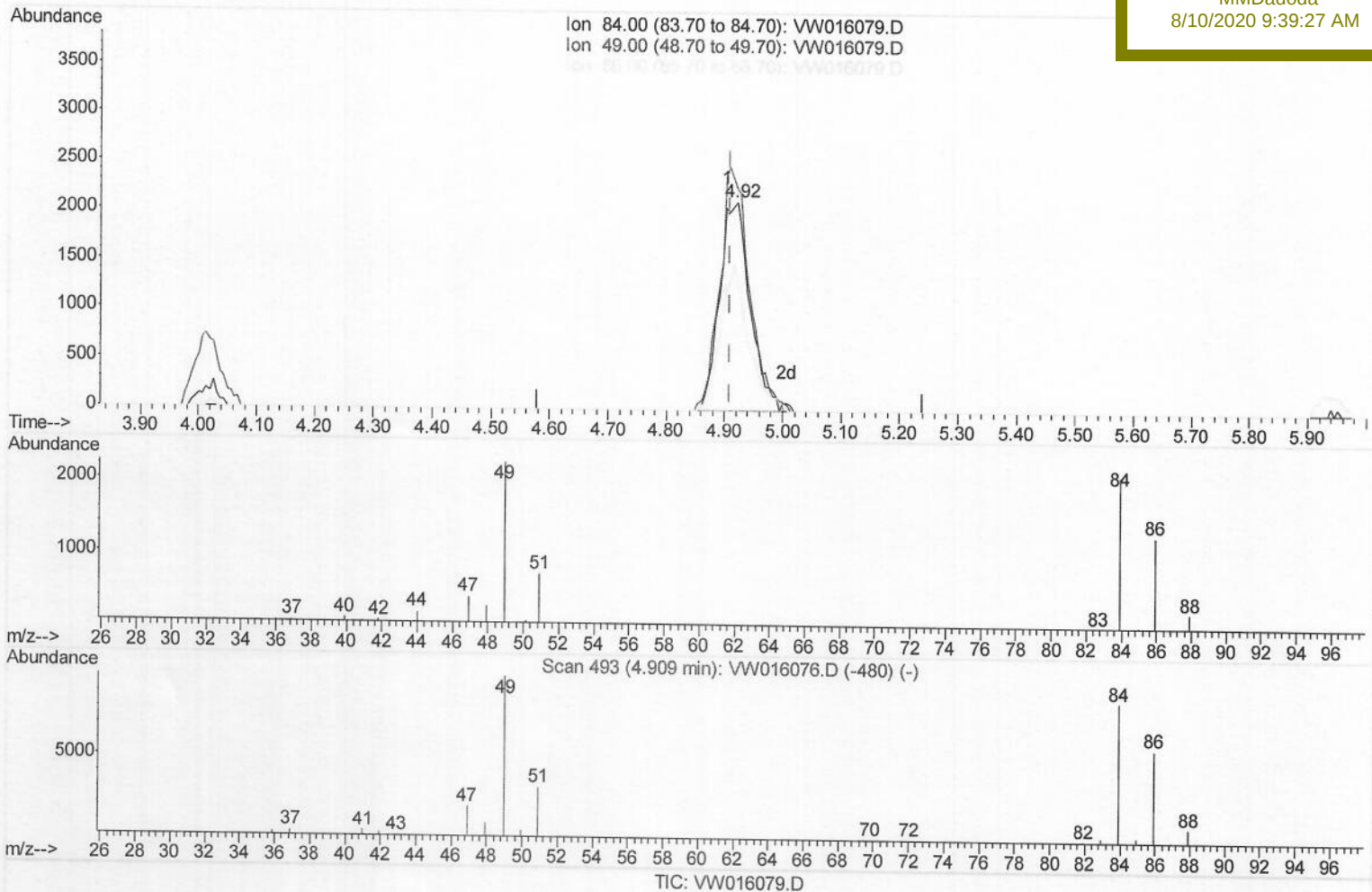
Response via : Initial Calibration

Instrument :

MSVOA\_W

Client Sampled :

GAY60

Manual Integrations  
APPROVEDMMDadoda  
8/10/2020 9:39:27 AM

(16) Methylene chloride (T)

4.922min (+0.012) 1.64ug/L m

-&gt;

MD

response 7687

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 130.10 | 106.47 |
| 86.00 | 65.70  | 61.30  |
| 0.00  | 0.00   | 0.00   |

08/10/20

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 Operator : SY/VA  
 Sample : L3598-02  
 Misc : 5.71G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 GAY60

Quant Time: Aug 08 05:23:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 08 05:08:58 2020  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

MMDadoda  
 8/10/2020 9:39:27 AM

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 285406   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 263566   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 110097   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 55686      | 13.83   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 55.32%  |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 49849      | 15.24   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 60.96%  |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.01           | 63  | 95204      | 11.69   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 46.76%  |      |      |
| 20) 2-Butanone-d5              | 7.09           | 46  | 61699      | 58.32   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 116.64% |      |      |
| 24) Chloroform-d               | 7.65           | 84  | 159965     | 19.96   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 79.84%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 93430      | 21.23   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 84.92%  |      |      |
| 29) Benzene-d6                 | 8.27           | 84  | 307816     | 19.19   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 76.76%  |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.28           | 67  | 98045      | 20.39   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 81.56%  |      |      |
| 37) Toluene-d8                 | 10.32          | 98  | 271986     | 18.72   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 74.88%  |      |      |
| 38) trans-1,3-Dichloropropene- | 10.58          | 79  | 41731      | 20.36   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 81.44%  |      |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 50896      | 63.55   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 127.10% |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69          | 84  | 105842     | 28.63   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 114.52% |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.85          | 152 | 98736      | 23.00   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 92.00%  |      |      |

## Target Compounds

|                        |      |    |       | Ovalue        |
|------------------------|------|----|-------|---------------|
| 13) Acetone            | 4.13 | 43 | 4138  | 4.658 ug/L 81 |
| 16) Methylene chloride | 4.92 | 84 | 7687m | 1.644 ug/L    |

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

MD  
 08/10/20