

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101019\

Quantitation Report (QT/LSC Reviewed)

Data File : VV013093.D

Acq On : 10 Oct 2019 16:11

Operator : SY/MD

Sample : K5262-12

Misc : 4.47G/10ML/MSVOA\_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 08:12:07 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M

Quant Title : VOC Analysis

QLast Update : Fri Oct 11 07:31:01 2019

Response via : Initial Calibration

Instrument :

MSVOA\_V

ClientSampleId :

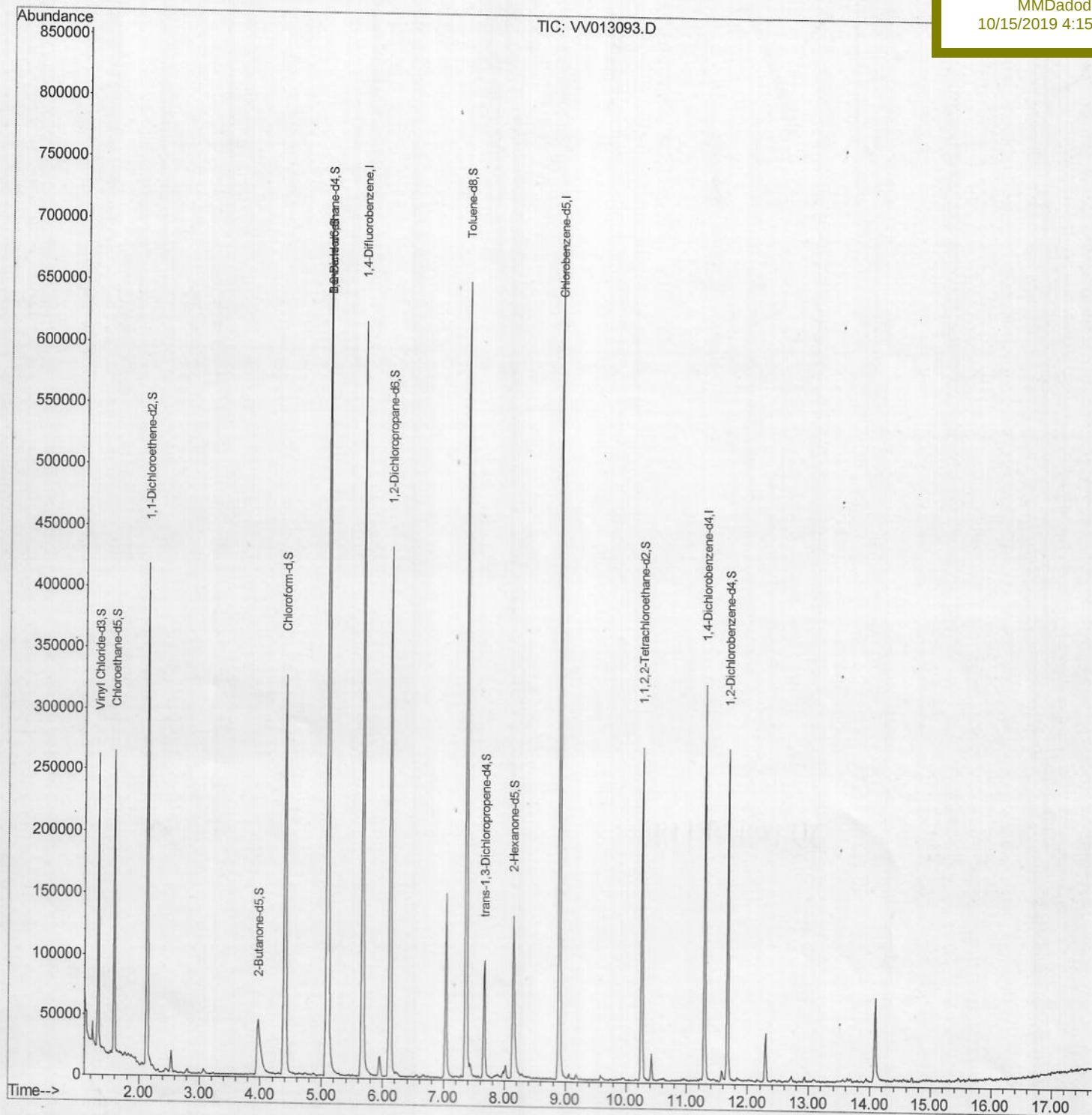
BFB76

Manual Integrations

APPROVED

MMDadoda

10/15/2019 4:15:16 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101019\  
Quantitation Report (Qedit)

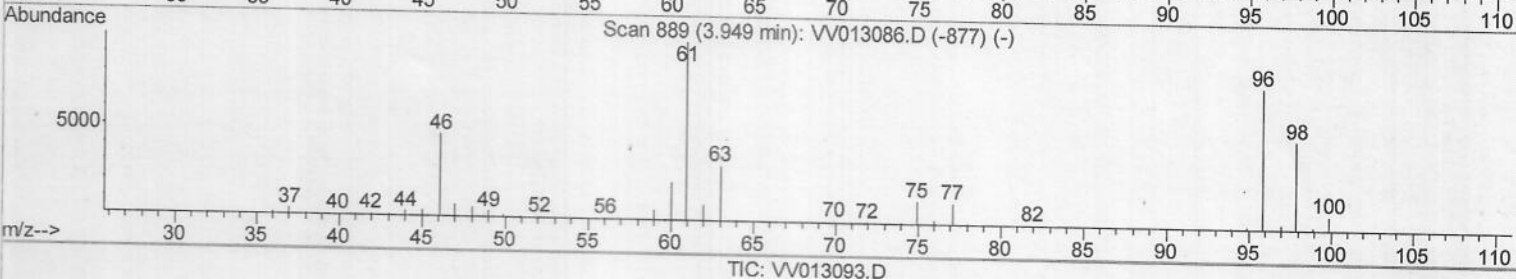
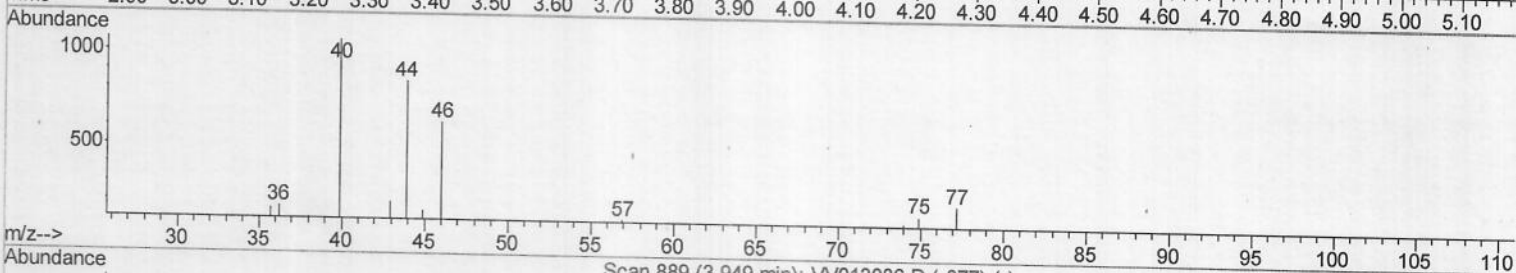
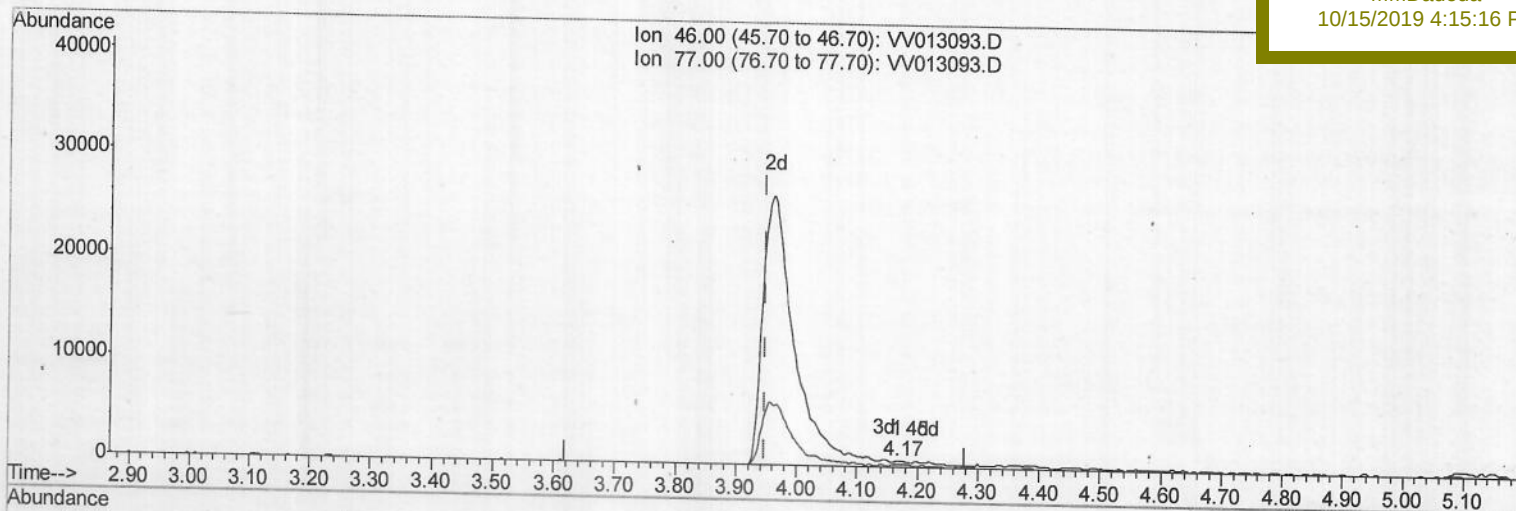
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Manual Integrations  
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(20) 2-Butanone-d5 (S)

4.167min (+0.219) 0.09ug/L

response 250

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 24.30 | 26.40 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

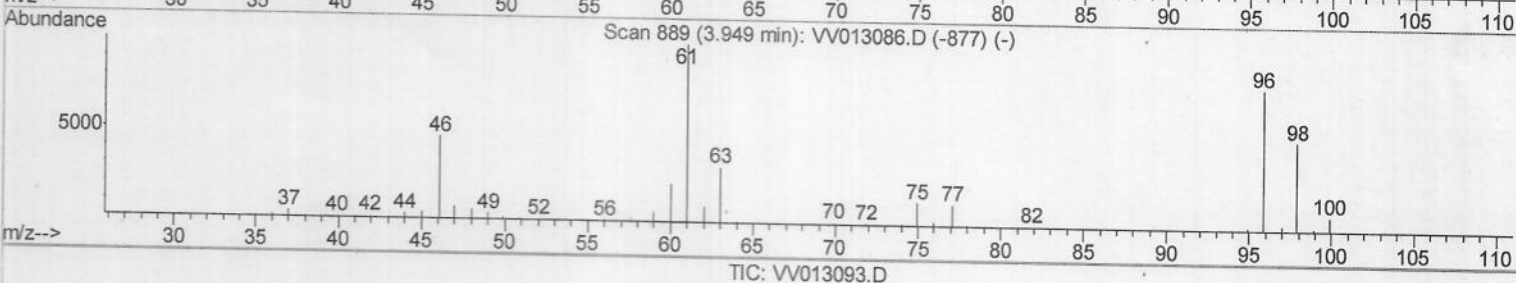
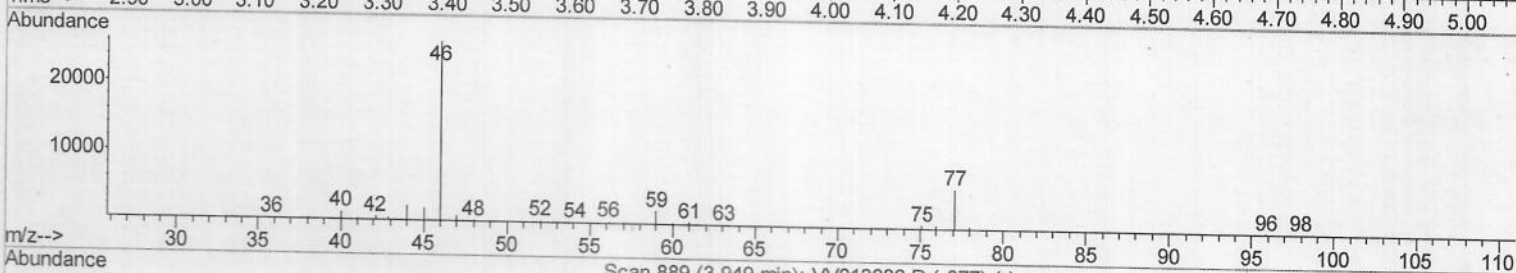
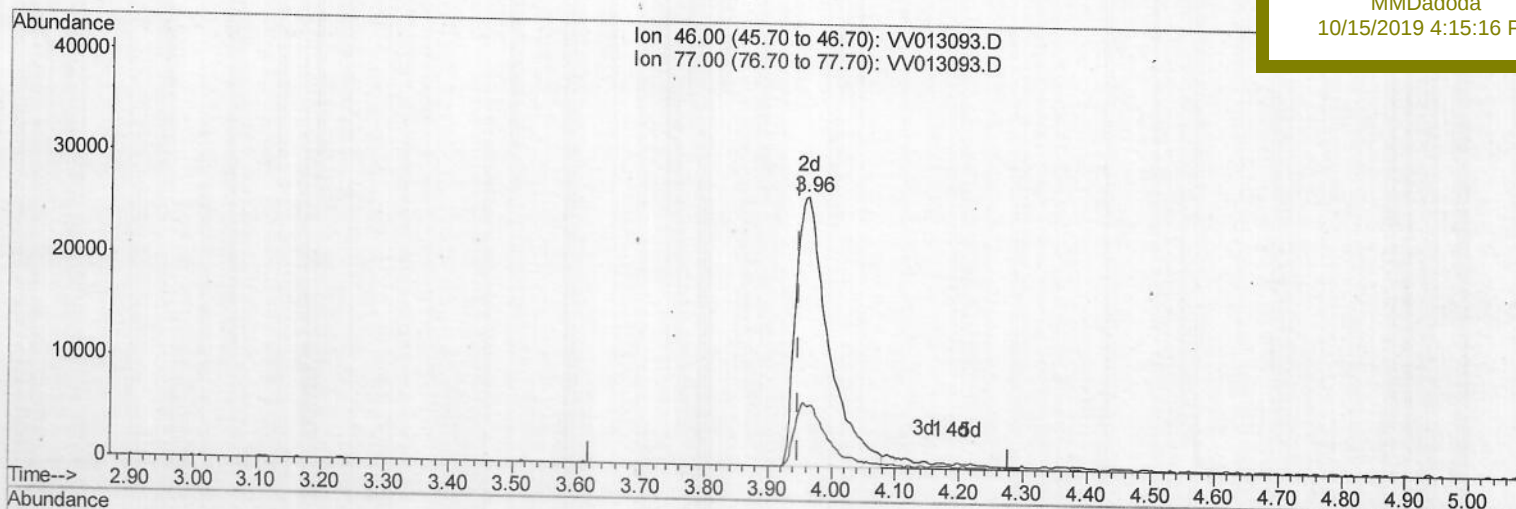
Data File : VV013093.D  
Acq On : 10 Oct 2019 16:11  
Operator : SY/MD  
Sample : K5262-12  
Misc : 4.47G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
Client Sampled :  
BFB76

Quant Time: Oct 11 07:34:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Oct 11 07:31:01 2019  
Response via : Initial Calibration

Manual Integrations  
APPROVED

MMDadoda  
10/15/2019 4:15:16 PM



(20) 2-Butanone-d5 (S)

3.962min (+0.013) 32.99ug/L m

> m.D 10/21/19

response 94395

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 46.00 | 100   | 100   |
| 77.00 | 24.30 | 0.07# |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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QLast Update : Fri Oct 11 07:31:01 2019

Response via : Initial Calibration

Instrument :

MSVOA\_V

Client Sampled :

BFB76

Manual Integrations

APPROVED

MMDadoda

10/15/2019 4:15:16 PM

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 534026   | 25.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 384190   | 25.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 88602    | 25.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 149160   | 18.00    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.00%   |
| 7) Chloroethane-d5             | 1.58   | 69    | 154616   | 23.08    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.32%   |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 210647   | 15.29    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.16%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 94395m   | 32.99    | ug/L | 0.01     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 65.98%   |
| 24) Chloroform-d               | 4.40   | 84    | 332913   | 22.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.76%   |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 187989   | 22.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 88.16%   |
| 29) Benzene-d6                 | 5.10   | 84    | 610183   | 28.45    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 113.80%  |
| 33) 1,2-Dichloropropane-d6     | 6.11   | 67    | 207611   | 30.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 123.52%# |
| 37) Toluene-d8                 | 7.36   | 98    | 433672   | 22.27    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 89.08%   |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 53067    | 18.64    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 74.56%   |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 46223    | 34.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 68.32%   |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 126760   | 19.85    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 79.40%   |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 70505    | 20.48    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 81.92%   |

## Target Compounds

Qvalue

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