

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031521\  
Data File : VW020596.D  
Acq On : 15 Mar 2021 10:30  
Operator : SY/MD  
Sample : VW0315MBL01  
Misc : 5.0G/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 1 Sample Multiplier: 1

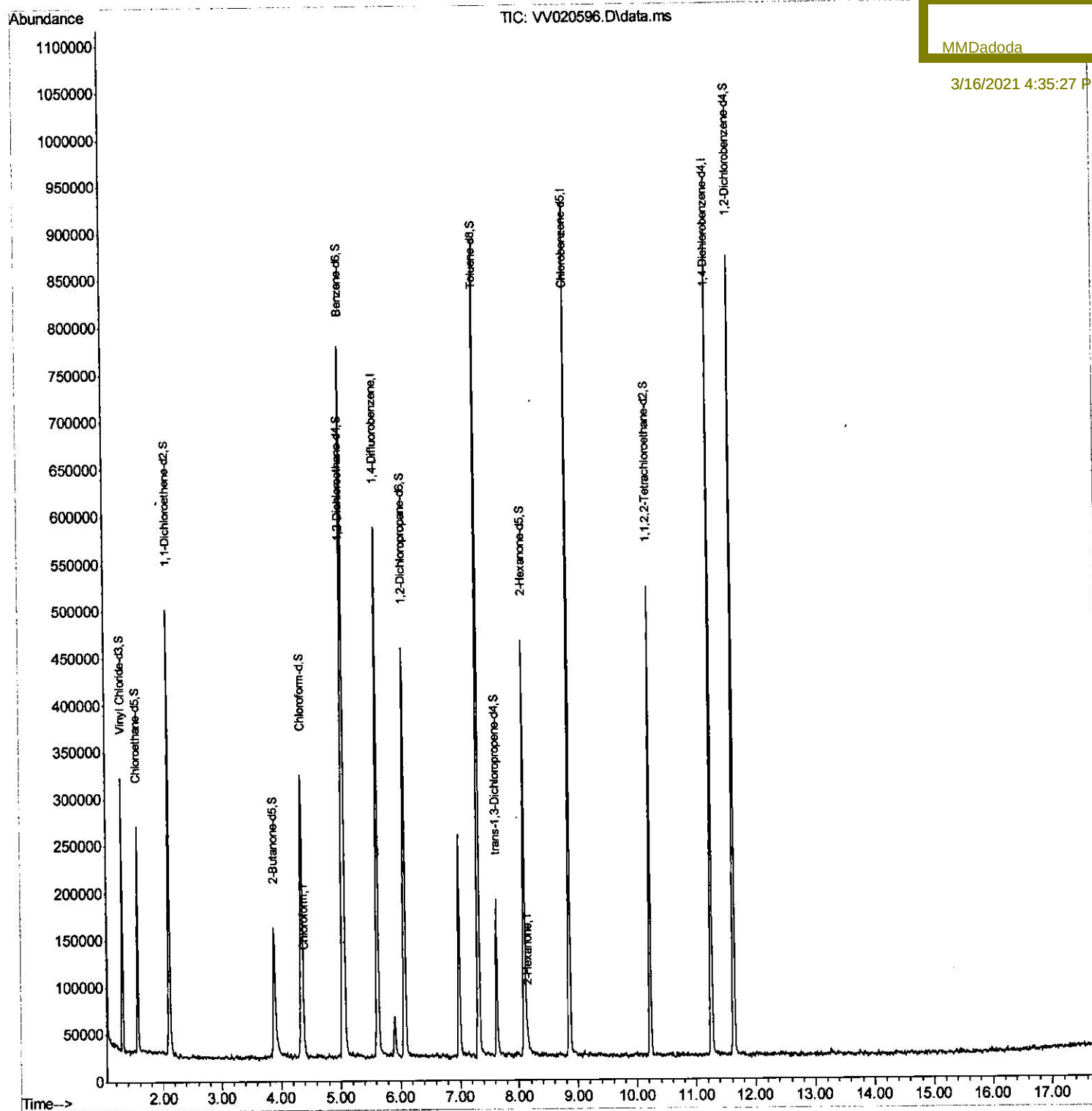
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK68

Manual Integrations  
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3/16/2021 4:35:27 PM

Quant Time: Mar 16 03:42:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 16 03:42:12 2021  
Response via : Initial Calibration



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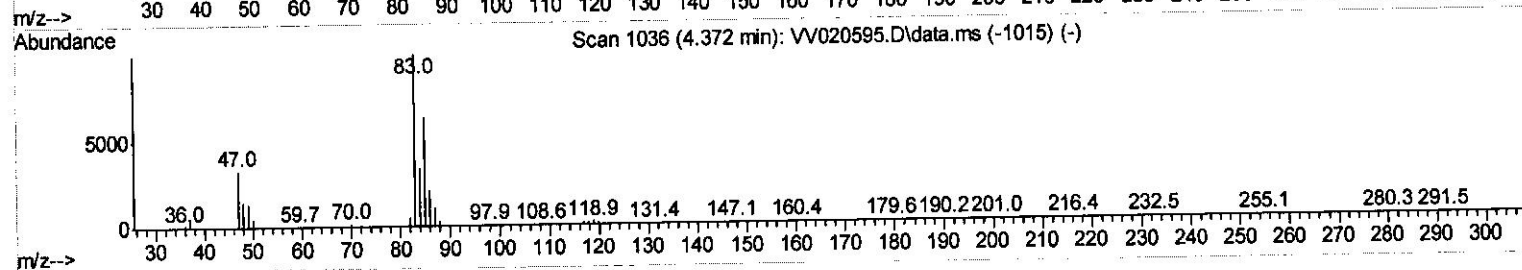
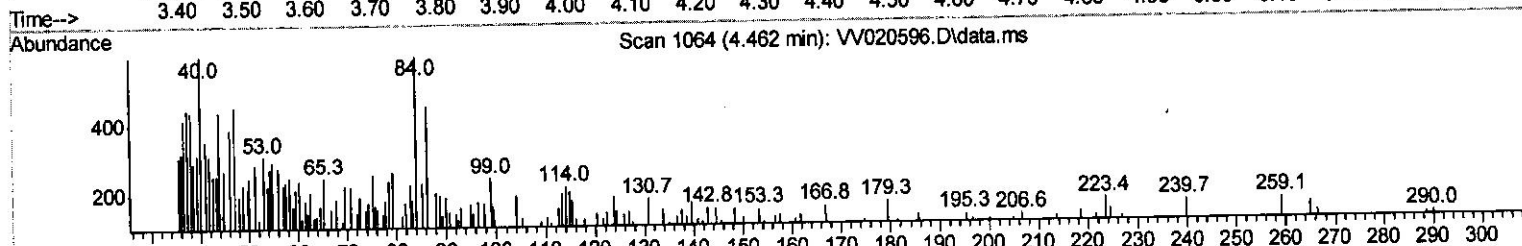
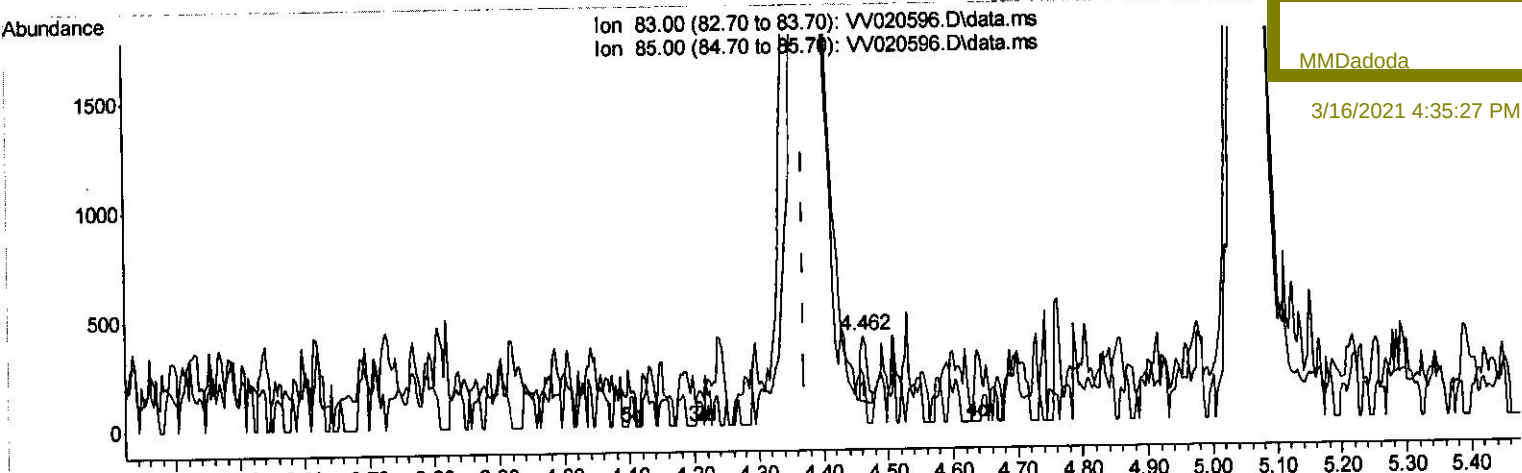
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TIC: VW020596.D\data.ms

(25) Chloroform (T)

4.462min (+ 0.090) 0.03 ug/L

response 208

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 83.00 | 100.00 | 100.00 |
| 85.00 | 63.20  | 56.47  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

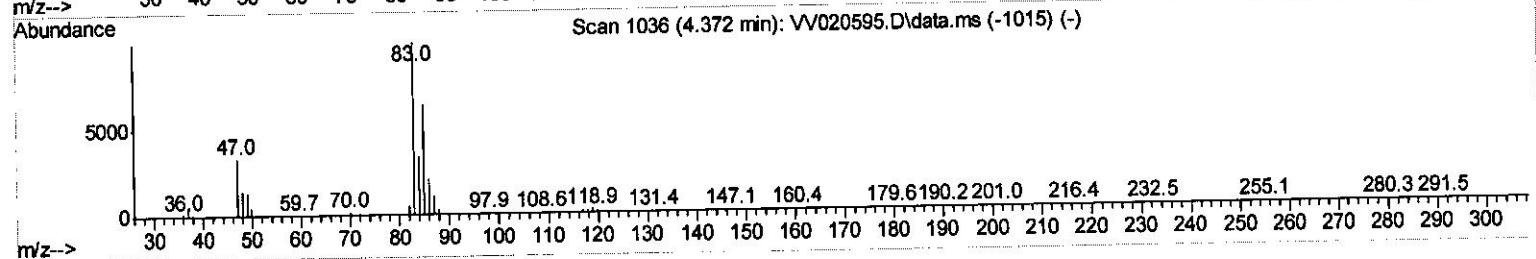
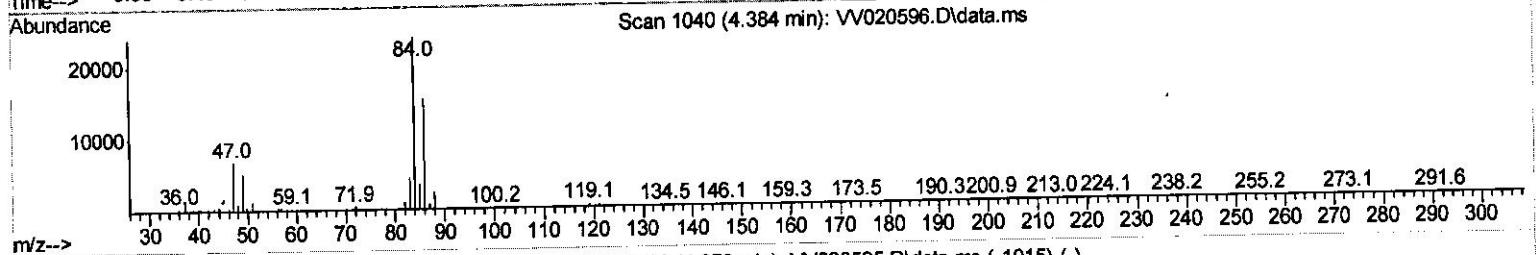
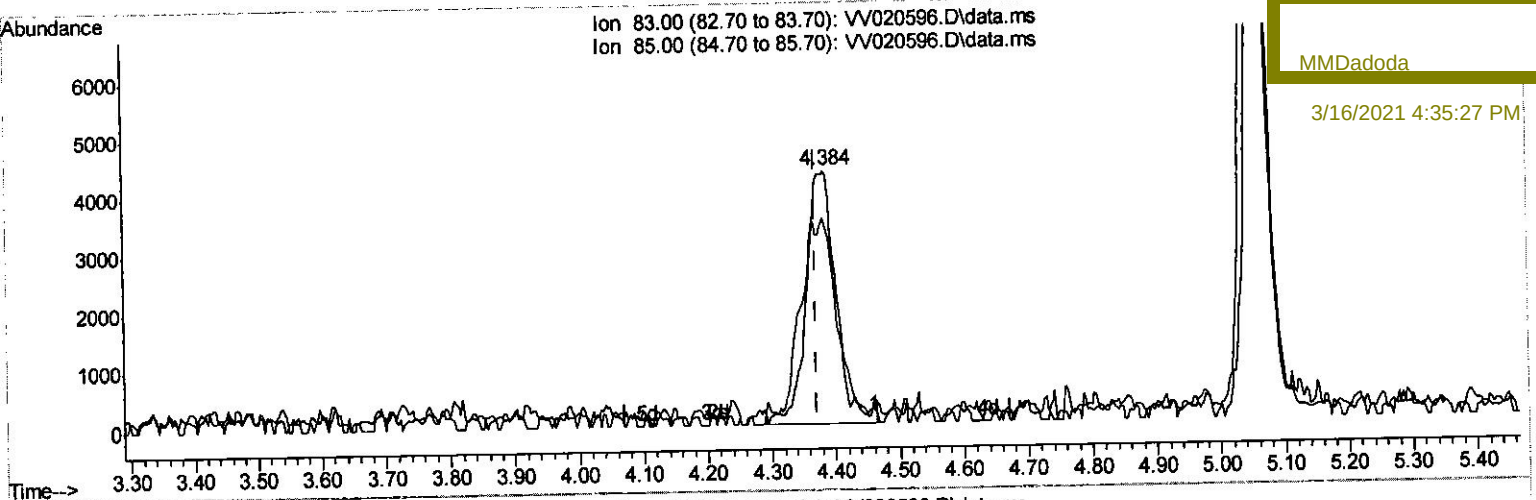
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031521\  
Data File : VW020596.D  
Acq On : 15 Mar 2021 10:30  
Operator : SY/MD  
Sample : VW0315MBL01  
Misc : 5.0G/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK68

Manual Integrations  
APPROVED

MMDadoda

3/16/2021 4:35:27 PM



TIC: VW020596.D\data.ms

(25) Chloroform (T)

4.384min (+ 0.013) 2.14 ug/L m } M.D  
3/16/21

response 14282

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 83.00 | 100.00 | 100.00 |
| 85.00 | 63.20  | 79.86  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\V031521\  
 Data File : V020596.D  
 Acq On : 15 Mar 2021 10:30  
 Operator : SY/MD  
 Sample : V0315MBL01  
 Misc : 5.0G/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 16 03:42:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 16 03:42:12 2021  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK68

Manual Integrations  
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| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 463688     | 50.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 452135     | 50.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 197246     | 50.00   | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 175128     | 46.82   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 93.64%  |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 140517     | 46.96   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.92%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.111          | 63   | 255518     | 35.94   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.88%  |        |          |
| 21) 2-Butanone-d5             | 3.886          | 46   | 249423     | 103.90  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.90% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 299980     | 46.14   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.28%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 215338     | 50.20   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.40% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 626193     | 50.13   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.26% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 202079     | 50.56   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 101.12% |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 540367     | 48.67   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.34%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 91179      | 48.81   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 97.62%  |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 138600     | 92.69   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.69%  |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 237320     | 47.52   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.04%  |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 198338     | 51.89   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 103.78% |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 25) Chloroform                | 4.384          | 83   | 14282m     | 2.14    | ug/L   |          |
| 48) 2-Hexanone                | 8.146          | 43   | 8896       | 2.13    | ug/L # | 56       |

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

m.p.  
 3/16/21