

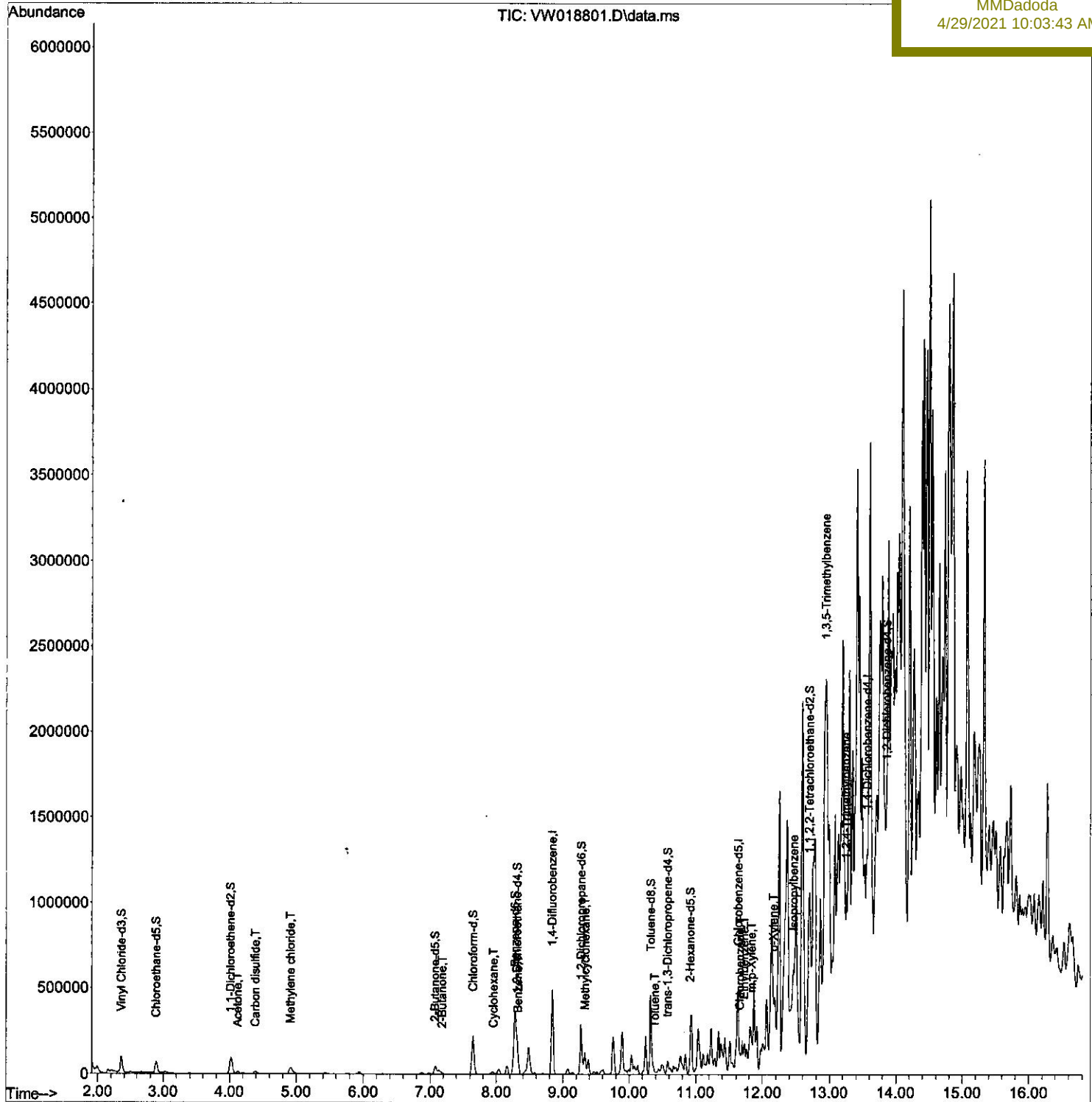
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042721\  
Data File : VW018801.D  
Acq On : 27 Apr 2021 14:22  
Operator : SY/VA  
Sample : M2177-01RE  
Misc : 3.81G/10ML/MSVOA\_W/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 28 00:42:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Apr 28 00:41:12 2021  
Response via : Initial Calibration

Instrument :  
MSVOA\_W  
Client Sampled :  
BG514RE

Manual Integrations  
APPROVED

MMDadoda  
4/29/2021 10:03:43 AM



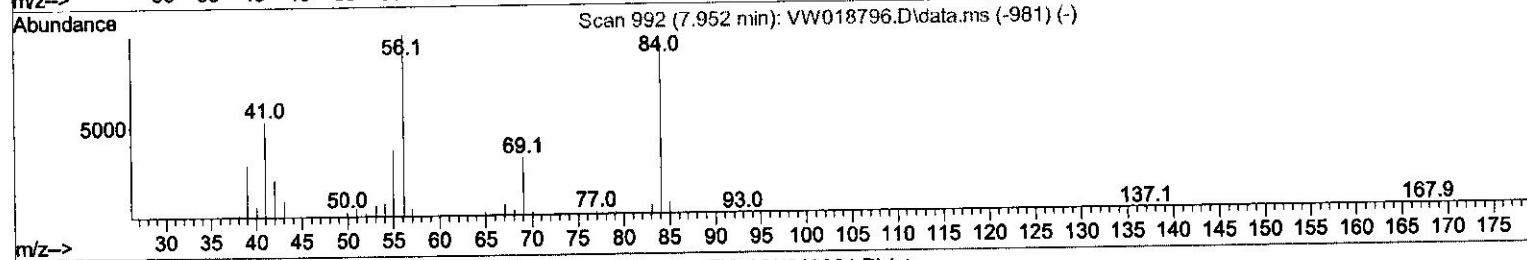
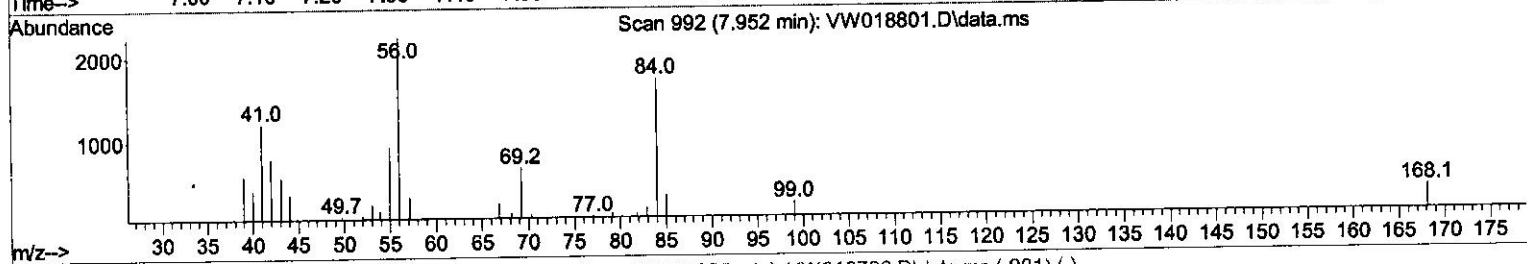
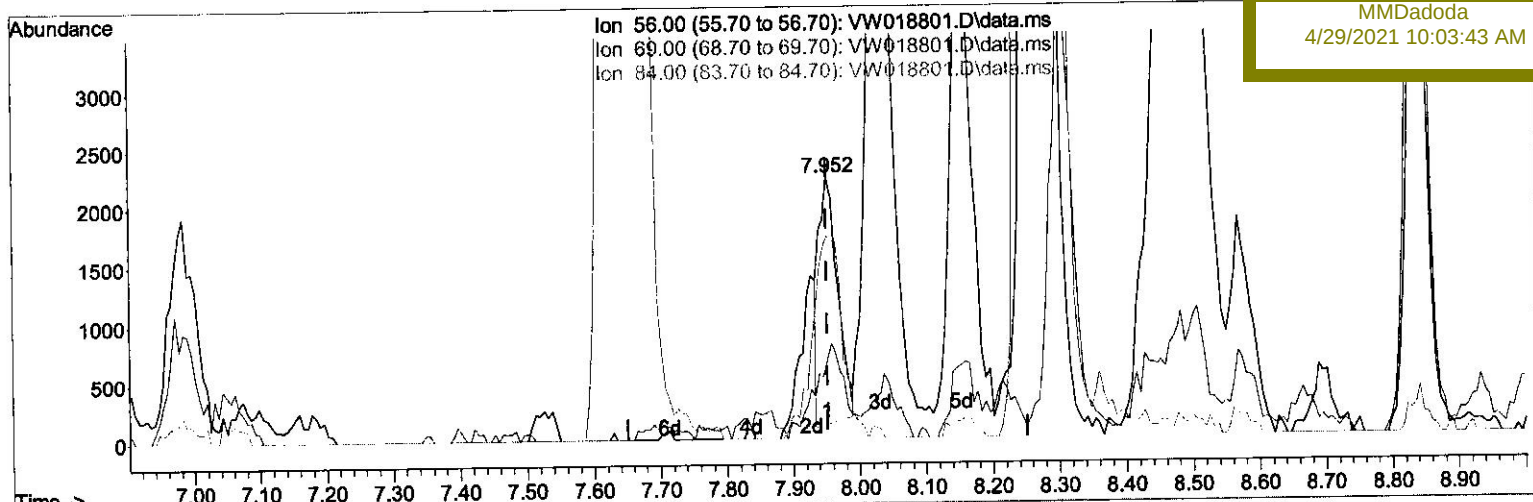
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TIC: VW018801.D\data.ms

(29) Cyclohexane (T)

7.952min (-0.000) 0.71 ug/L

response 4097

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 56.00 | 100.00 | 100.00  |
| 69.00 | 30.60  | 53.62#  |
| 84.00 | 93.70  | 125.46# |
| 0.00  | 0.00   | 0.00    |

# Quantitation Report (Qedit)

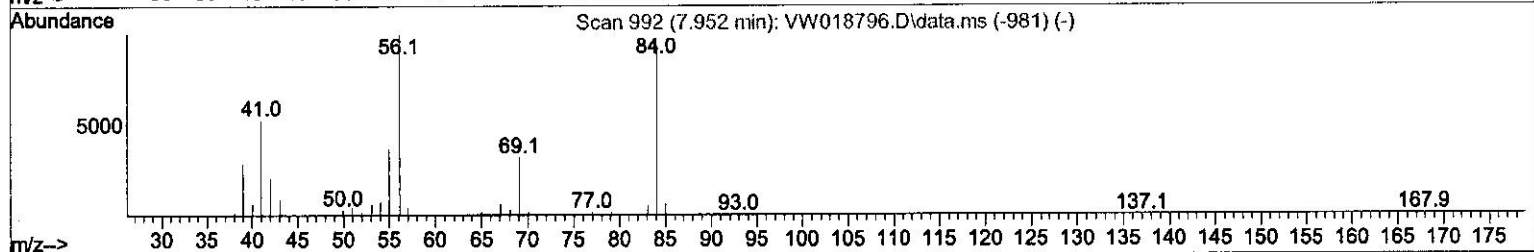
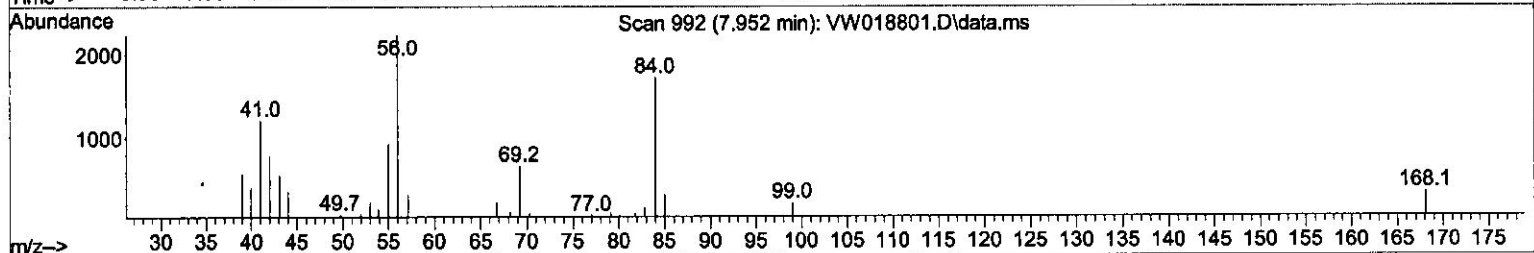
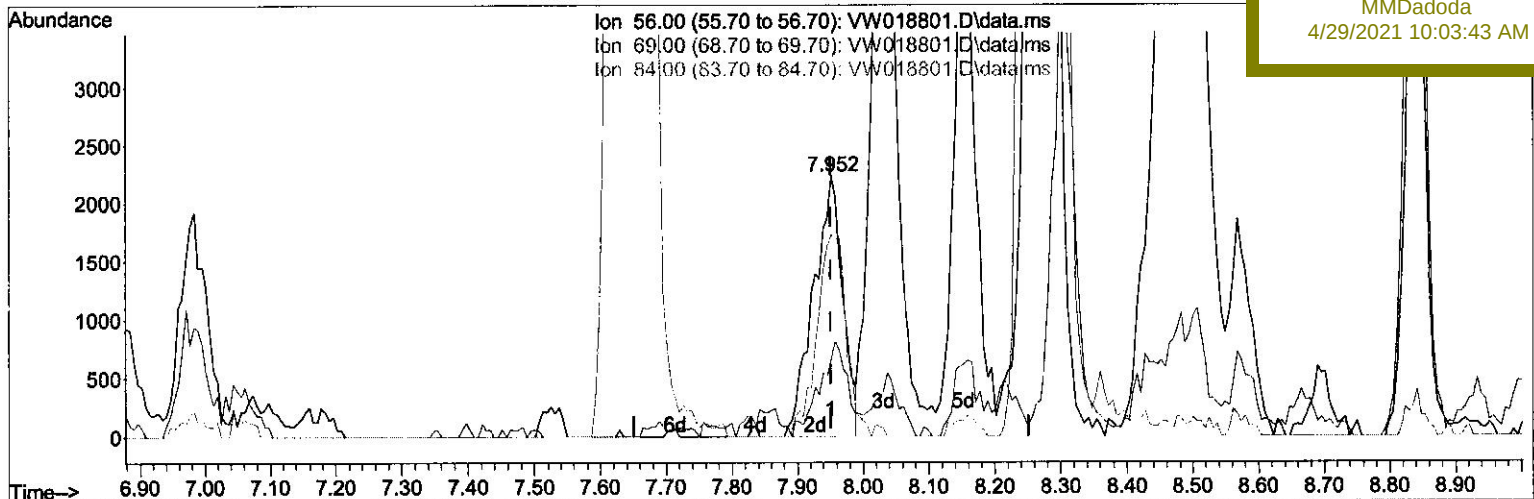
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 QLast Update : Wed Apr 28 00:41:12 2021  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG514RE

Manual Integrations  
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 4/29/2021 10:03:43 AM



TIC: VW018801.D\data.ms

(29) Cyclohexane (T)

7.952min (-0.000) 1.19 ug/L m

*S.Y*  
*4/30/21*

response 6888

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 56.00 | 100.00 | 100.00 |
| 69.00 | 30.60  | 31.90  |
| 84.00 | 93.70  | 74.62# |
| 0.00  | 0.00   | 0.00   |

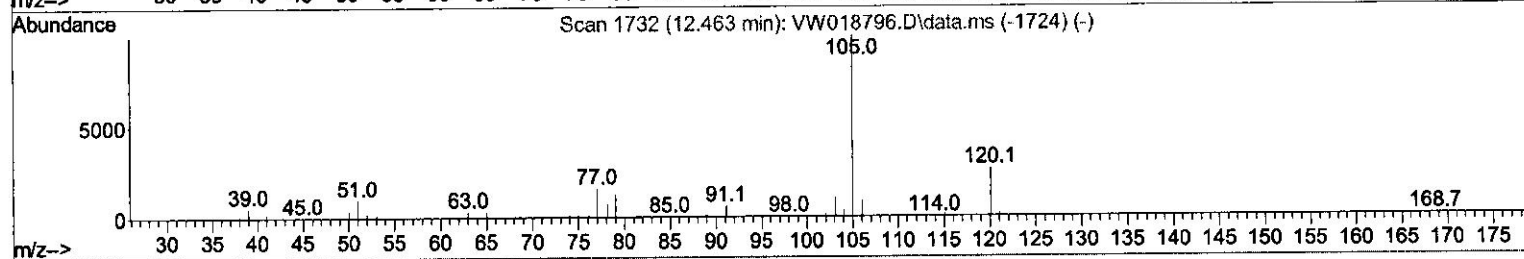
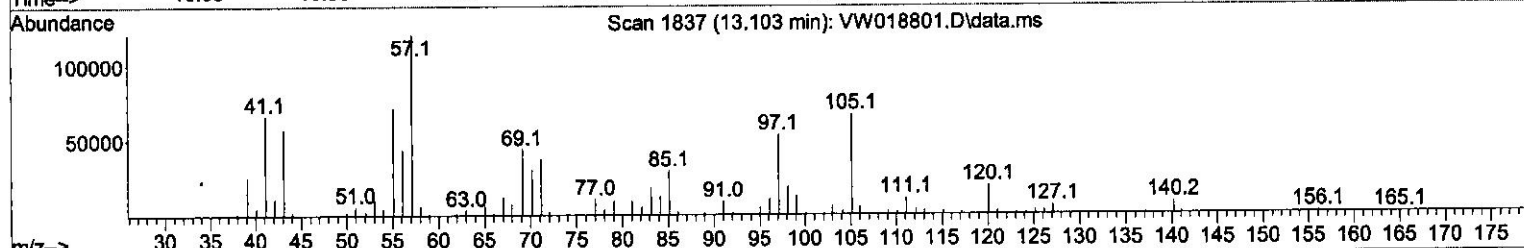
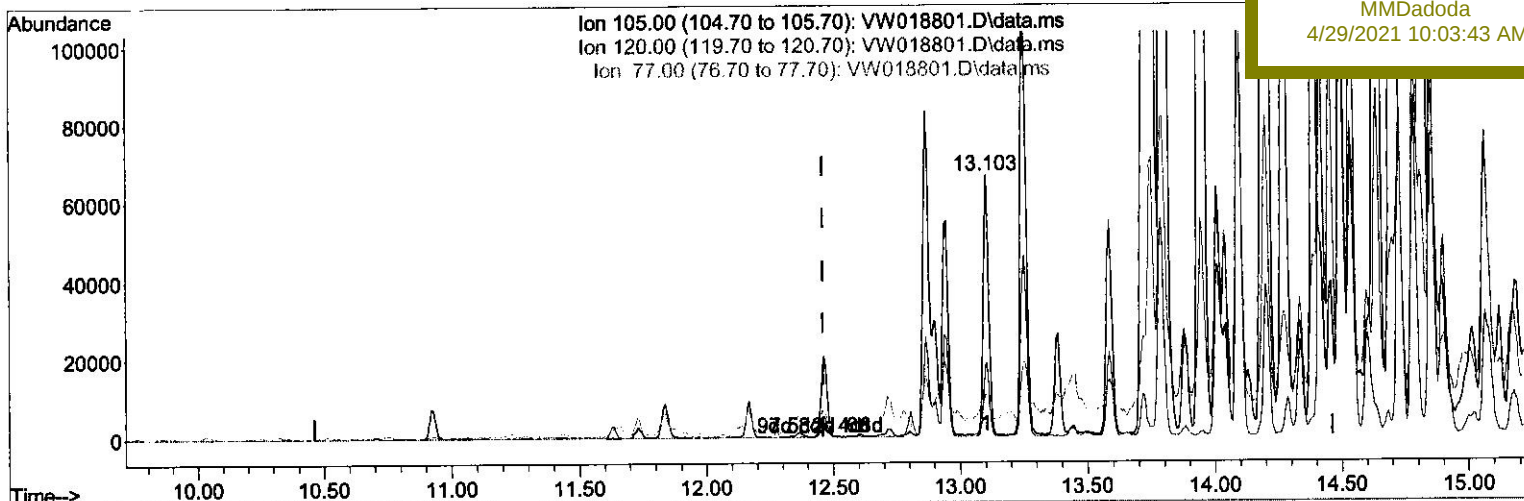
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4/29/2021 10:03:43 AM



TIC: VW018801.D\data.ms

(60) Isopropylbenzene

13.103min (+ 0.640) 9.51 ug/L

response 98814

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 26.40  | 30.19  |
| 77.00  | 16.50  | 14.52  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

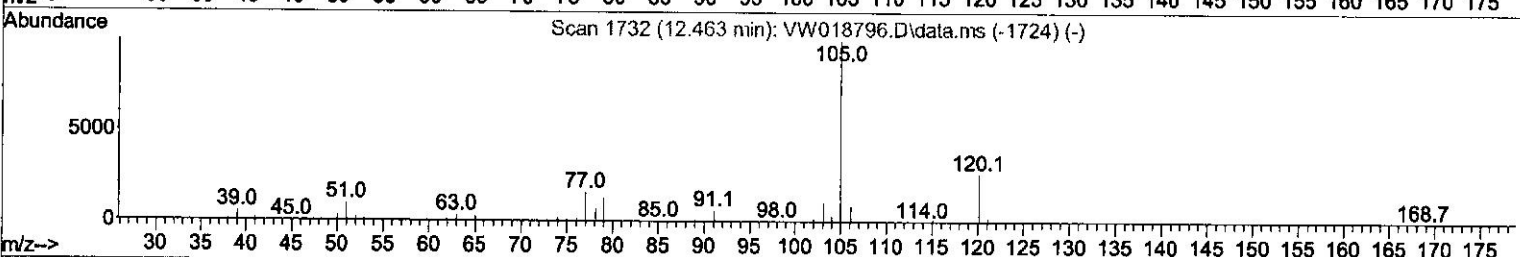
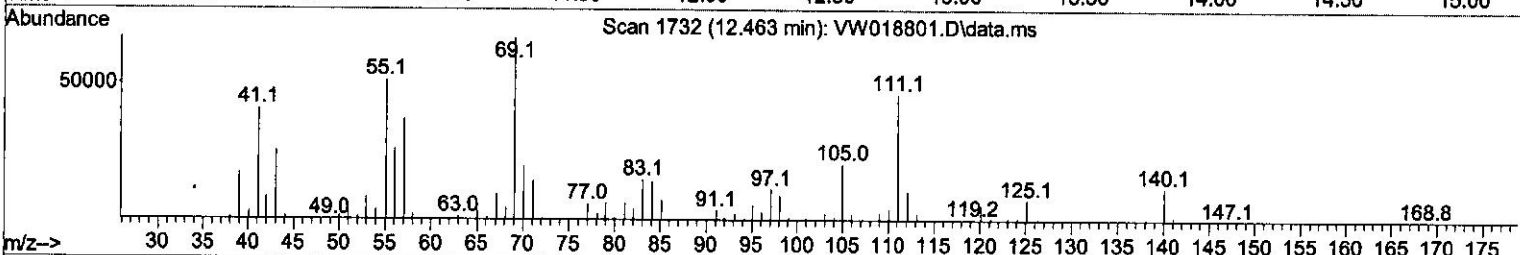
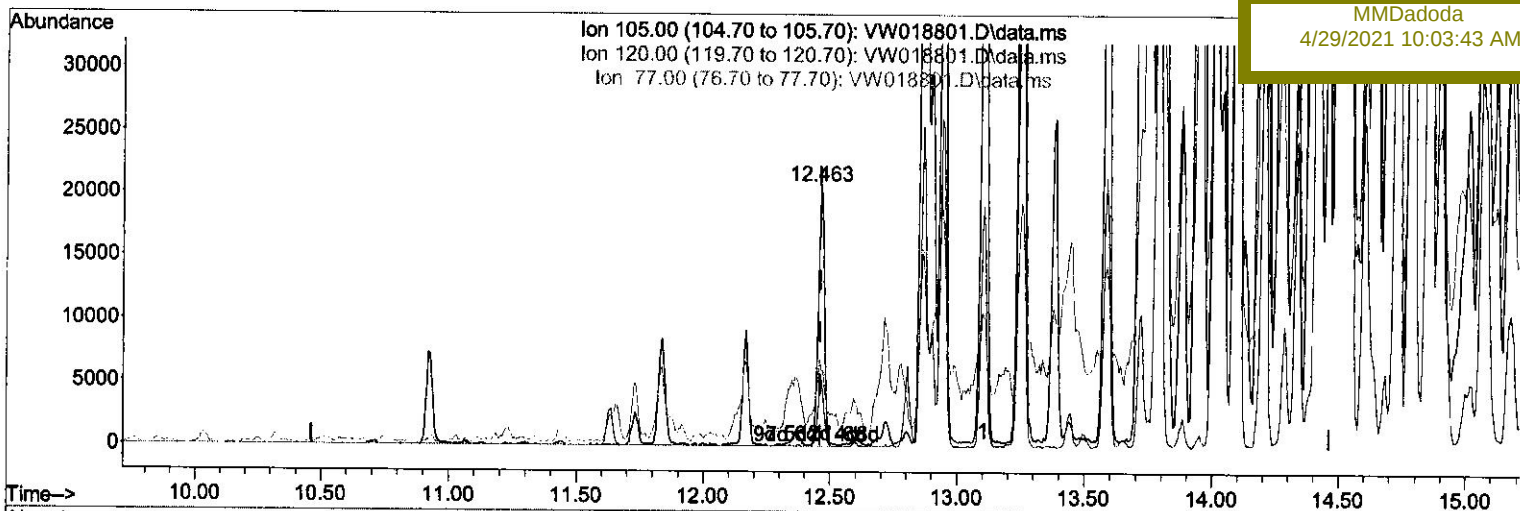
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG514RE

Manual Integrations  
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TIC: VW018801.D\data.ms

(60) Isopropylbenzene

12.463min (-0.000) 3.20 ug/L m } S'Y  
 4/30/21

response 33196

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 26.40  | 89.86# |
| 77.00  | 16.50  | 43.23# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042721\  
 Data File : VW018801.D  
 Acq On : 27 Apr 2021 14:22  
 Operator : SY/VA  
 Sample : M2177-01RE  
 Misc : 3.81G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 28 00:42:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 28 00:41:12 2021  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 BG514RE

Manual Integrations  
 APPROVED

MMDadoda  
 4/29/2021 10:03:43 AM

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min)  |
|-------------------------------|----------------|------|------------|----------|--------|-----------|
| -----                         |                |      |            |          |        |           |
| Internal Standards            |                |      |            |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 398195     | 25.00    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 234078     | 25.00    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 70633      | 25.00    | ug/L   | 0.00      |
| -----                         |                |      |            |          |        |           |
| System Monitoring Compounds   |                |      |            |          |        |           |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 79184      | 13.09    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 52.36%   |        |           |
| 7) Chloroethane-d5            | 2.891          | 69   | 85674      | 15.97    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 63.88%   |        |           |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 108109     | 10.29    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 41.16%#  |        |           |
| 21) 2-Butanone-d5             | 7.074          | 46   | 79517      | 57.73    | ug/L   | 0.00      |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 115.46%  |        |           |
| 24) Chloroform-d              | 7.647          | 84   | 231757     | 21.21    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.84%   |        |           |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 131426     | 21.39    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 85.56%   |        |           |
| 32) Benzene-d6                | 8.275          | 84   | 370059     | 26.95    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 107.80%  |        |           |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 131403     | 31.75    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 127.00%# |        |           |
| 41) Toluene-d8                | 10.323         | 98   | 244302     | 19.45    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 77.80%   |        |           |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 39891      | 22.64    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 90.56%   |        |           |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 62921      | 87.44    | ug/L   | 0.00      |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 174.88%# |        |           |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 104049     | 30.11    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 120.44%# |        |           |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 53702      | 21.64    | ug/L   | 0.00      |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 86.56%   |        |           |
| -----                         |                |      |            |          |        |           |
| Target Compounds              |                |      |            |          |        |           |
| 13) Acetone                   | 4.123          | 43   | 25805      | 25.81    | ug/L   | Qvalue 91 |
| 14) Carbon disulfide          | 4.385          | 76   | 28230      | 1.81     | ug/L   | 98        |
| 16) Methylene chloride        | 4.915          | 84   | 30246      | 4.63     | ug/L   | 93        |
| 22) 2-Butanone                | 7.183          | 43   | 10756      | 7.08     | ug/L   | 95        |
| 29) Cyclohexane               | 7.952          | 56   | 6888m      | 1.19     | ug/L   |           |
| 33) Benzene                   | 8.323          | 78   | 30444      | 2.07     | ug/L   | 100       |
| 35) Methylcyclohexane         | 9.335          | 83   | 21966      | 3.34     | ug/L # | 54        |
| 42) Toluene                   | 10.384         | 91   | 7662       | 0.49     | ug/L   | 98        |
| 51) Chlorobenzene             | 11.658         | 112  | 7506       | 0.77     | ug/L   | 91        |
| 52) Ethylbenzene              | 11.731         | 91   | 81964      | 4.70     | ug/L   | 95        |
| 53) m,p-Xylene                | 11.835         | 106  | 34295      | 5.36     | ug/L   | 80        |
| 54) o-Xylene                  | 12.164         | 106  | 30829      | 5.02     | ug/L   | 90        |
| 60) Isopropylbenzene          | 12.463         | 105  | 33196m     | 3.20     | ug/L   |           |
| 62) 1,3,5-Trimethylbenzene    | 12.945         | 105  | 85169      | 9.90     | ug/L   | 99        |
| 63) 1,2,4-Trimethylbenzene    | 13.249         | 105  | 170508     | 19.86    | ug/L   | 98        |
| -----                         |                |      |            |          |        |           |

54  
 4/30/21

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