

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103023\  
 Data File : VU056004.D  
 Acq On : 30 Oct 2023 18:00  
 Operator : MD/SY  
 Sample : 05114-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B73

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 10/31/2023  
 Supervised By :Mahesh Dadoda 11/01/2023

Quant Time: Oct 31 05:32:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 31 05:28:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248          | 114  | 316697     | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415          | 117  | 321435     | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811         | 152  | 146614     | 5.000    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599          | 65   | 87319      | 3.485    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 69.800%  |        |          |
| 7) Chloroethane-d5            | 1.914          | 69   | 84263      | 4.315    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 86.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.567          | 65   | 40215      | 3.781    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 75.600%  |        |          |
| 20) 2-Butanone-d5             | 4.628          | 46   | 233080     | 52.151   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 104.300% |        |          |
| 24) Chloroform-d              | 5.059          | 84   | 237709     | 5.121    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 102.400% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.698          | 65   | 102166     | 4.517    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 90.400%  |        |          |
| 32) Benzene-d6                | 5.724          | 84   | 420320     | 4.390    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 87.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.689          | 67   | 131629     | 4.637    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 92.800%  |        |          |
| 41) Toluene-d8                | 7.894          | 98   | 347994     | 4.006    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 80.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.181          | 79   | 44757      | 4.032    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 80.600%  |        |          |
| 46) 2-Hexanone-d5             | 8.631          | 63   | 176958     | 62.795   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 125.580% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753         | 84   | 98663      | 4.773    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 95.400%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 130347     | 4.765    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 95.400%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.637          | 43   | 13087      | 5.139    | ug/L   | 97       |
| 21) 2-Butanone                | 4.731          | 43   | 10599m     | 2.831    | ug/L   |          |
| 25) Chloroform                | 5.084          | 83   | 582193     | 17.571   | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.103          | 83   | 107539     | 4.548    | ug/L   | 100      |
| 49) Dibromochloromethane      | 8.808          | 129  | 17071      | 1.174    | ug/L   | 99       |
| -----                         |                |      |            |          |        |          |

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

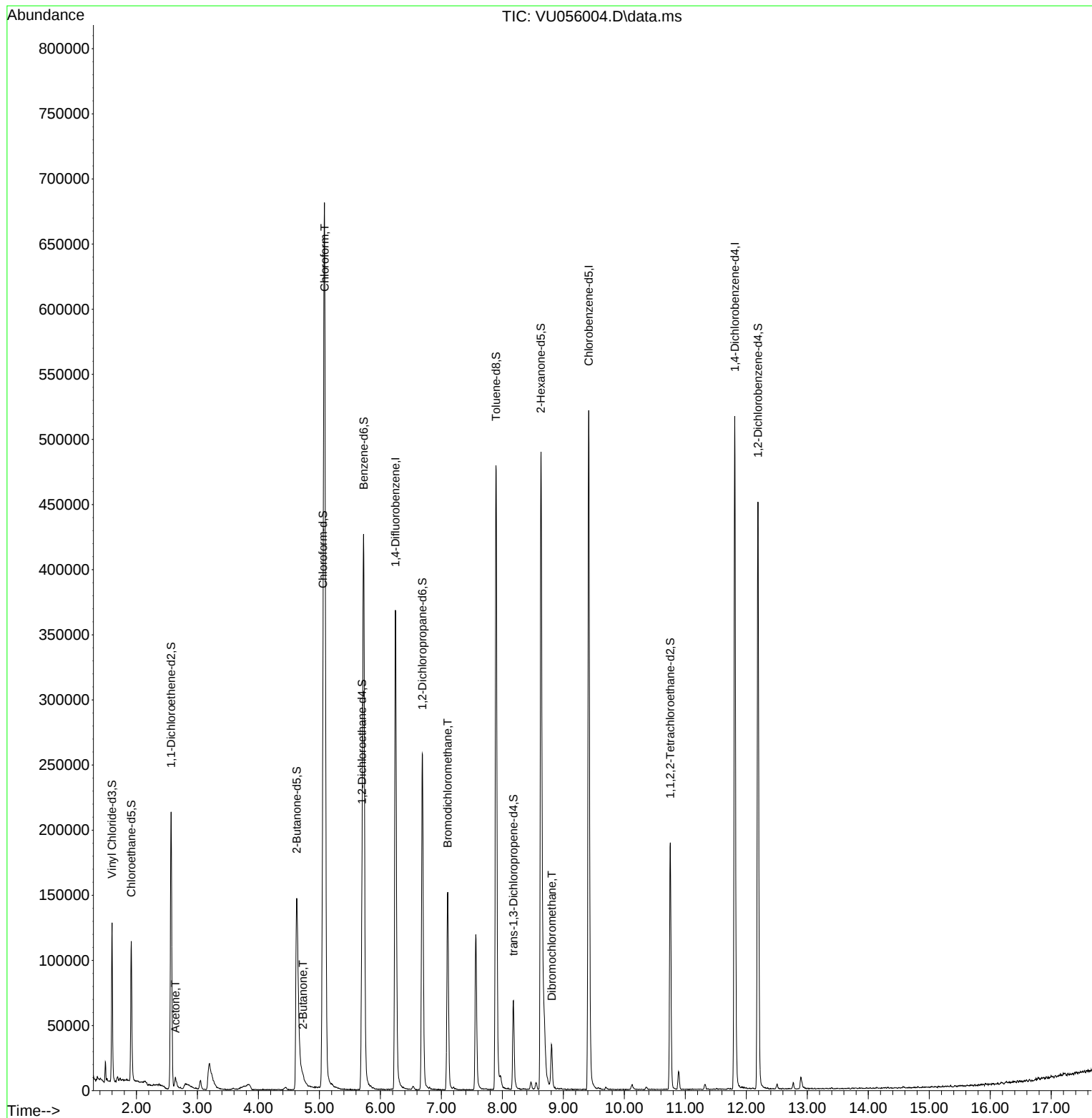
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103023\  
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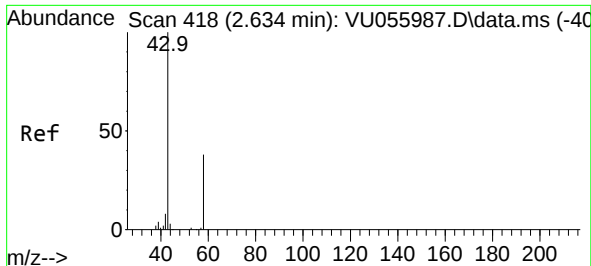
Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Oct 31 05:28:08 2023  
Response via : Initial Calibration

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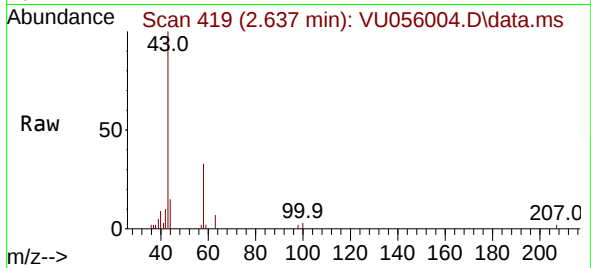
Reviewed By :John Carlone 10/31/2023  
Supervised By :Mahesh Dadoda 11/01/2023





#13  
Acetone  
Concen: 5.139 ug/L  
RT: 2.637 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VU056004.D  
Acq: 30 Oct 2023 18:00

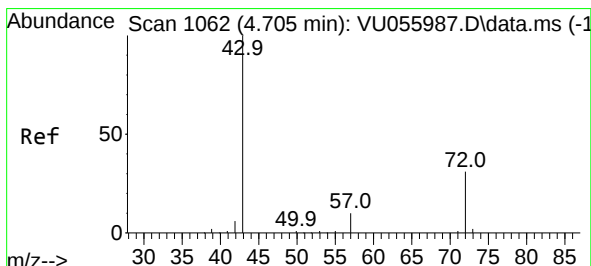
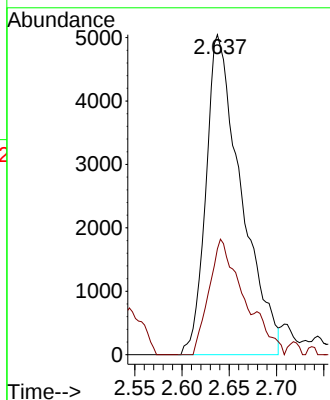
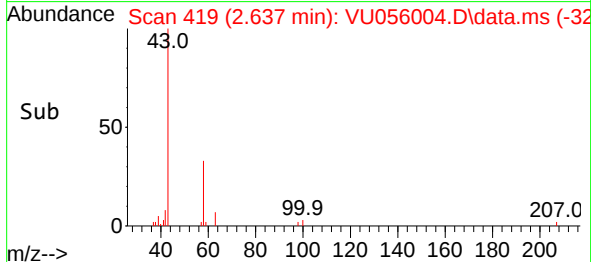
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B73



Tgt Ion: 43 Resp: 1308  
Ion Ratio Lower Upper  
43 100  
58 36.3 0.0 69.0

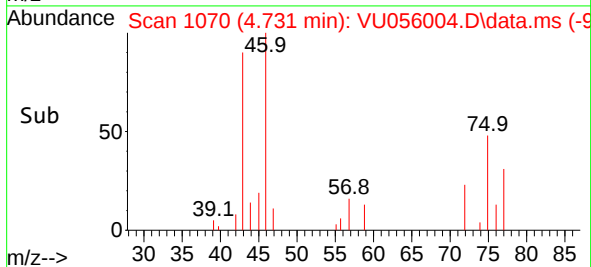
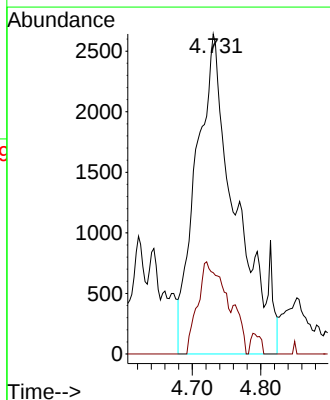
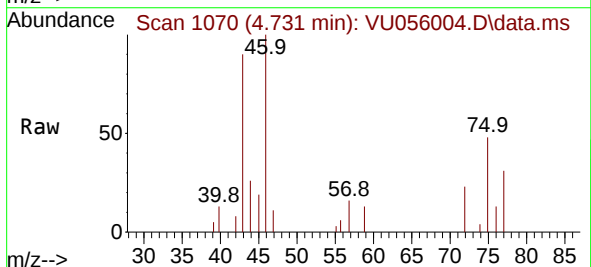
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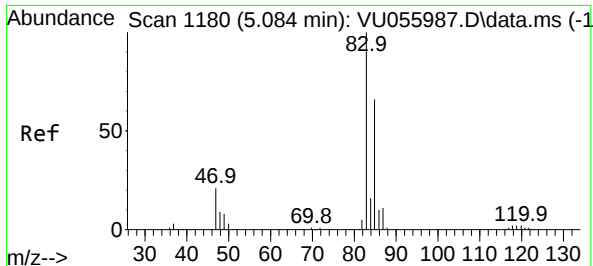
Reviewed By :John Carlone 10/31/2023  
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#21  
2-Butanone  
Concen: 2.831 ug/L m  
RT: 4.731 min Scan# 1070  
Delta R.T. 0.026 min  
Lab File: VU056004.D  
Acq: 30 Oct 2023 18:00

Tgt Ion: 43 Resp: 10599  
Ion Ratio Lower Upper  
43 100  
72 18.8 14.4 43.4





#25

Chloroform

Concen: 17.571 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

Instrument :

MSVOA\_U

ClientSampleId :

C0B73

Tgt Ion: 83 Resp: 58219

Ion Ratio Lower Upper

83 100

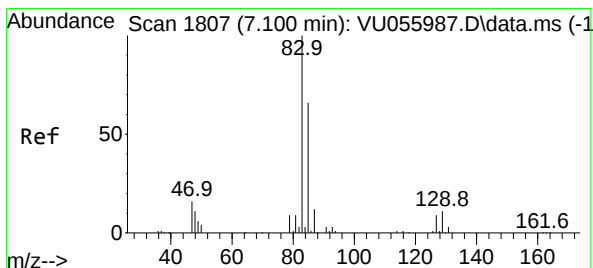
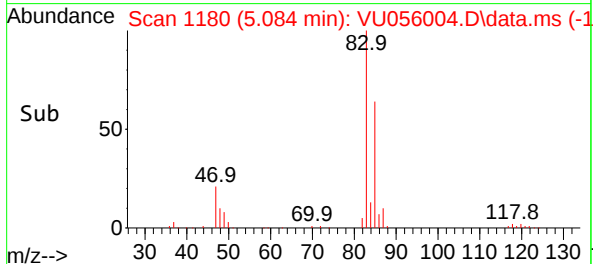
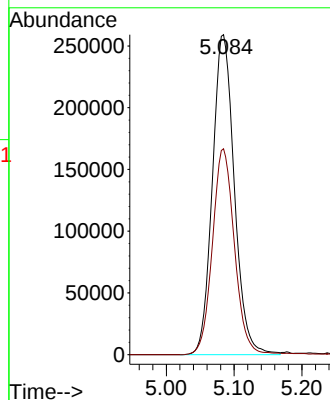
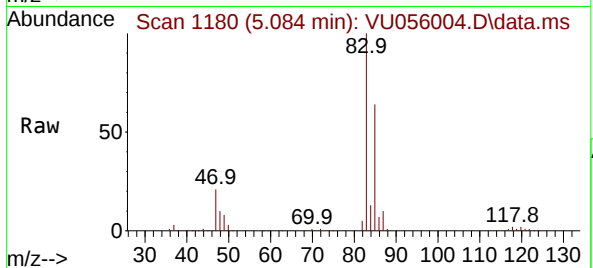
85 64.4 45.6 84.8

Manual Integrations

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#38

Bromodichloromethane

Concen: 4.548 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

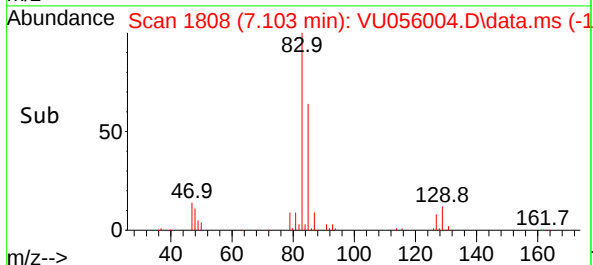
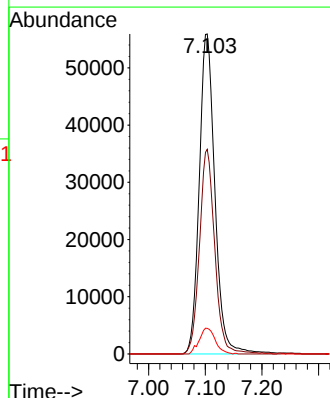
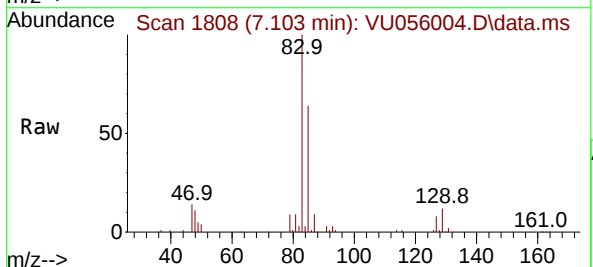
Tgt Ion: 83 Resp: 107539

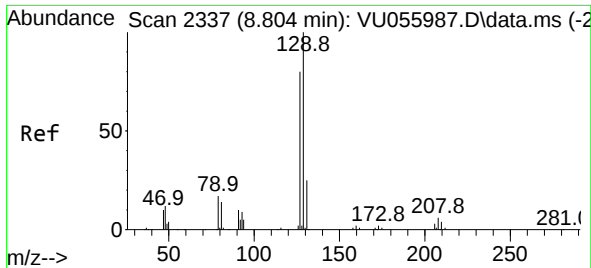
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.3

127 8.0 6.6 9.8





#49

Dibromochloromethane

Concen: 1.174 ug/L

RT: 8.808 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056004.D

Acq: 30 Oct 2023 18:00

Instrument :

MSVOA\_U

ClientSampleId :

C0B73

Tgt Ion:129 Resp: 1707

Ion Ratio Lower Upper

129 100

127 75.4 53.5 99.5

Manual Integrations

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