

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040720\
 Data File : VW015160.D
 Acq On : 07 Apr 2020 13:54
 Operator : SY/VA
 Sample : L2176-02
 Misc : 4.09G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2H9

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 3:50:15 PM

Quant Time: Apr 08 13:53:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 08 06:10:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	622254	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	598537	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	526014m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	207844	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	195644	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
10) 1,1-Dichloroethene-d2	4.02	63	316349	14.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.60%
20) 2-Butanone-d5	7.07	46	119789	48.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.94%
24) Chloroform-d	7.65	84	399875	21.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.04%
26) 1,2-Dichloroethane-d4	8.30	65	237187m	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.27	84	810368	21.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.60%
33) 1,2-Dichloropropane-d6	9.27	67	301279	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	10.33	98	11190572	342.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	1370.88%#
38) trans-1,3-Dichloropropene-	10.58	79	123308	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.28%
39) 2-Hexanone-d5	10.93	63	157082	83.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	503322	57.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	231.32%#
61) 1,2-Dichlorobenzene-d4	13.86	152	257284	14.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	56.24%#

Target Compounds

					Ovalue
13) Acetone	4.13	43	28754	13.171	ug/L 97
16) Methylene chloride	4.91	84	23170	2.179	ug/L 93
30) Cyclohexane	7.96	56	583655	29.886	ug/L 96
36) Methylcyclohexane	9.33	83	22168127m	1197.090	ug/L
57) Isopropylbenzene	12.46	105	7887317	184.178	ug/L 96

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

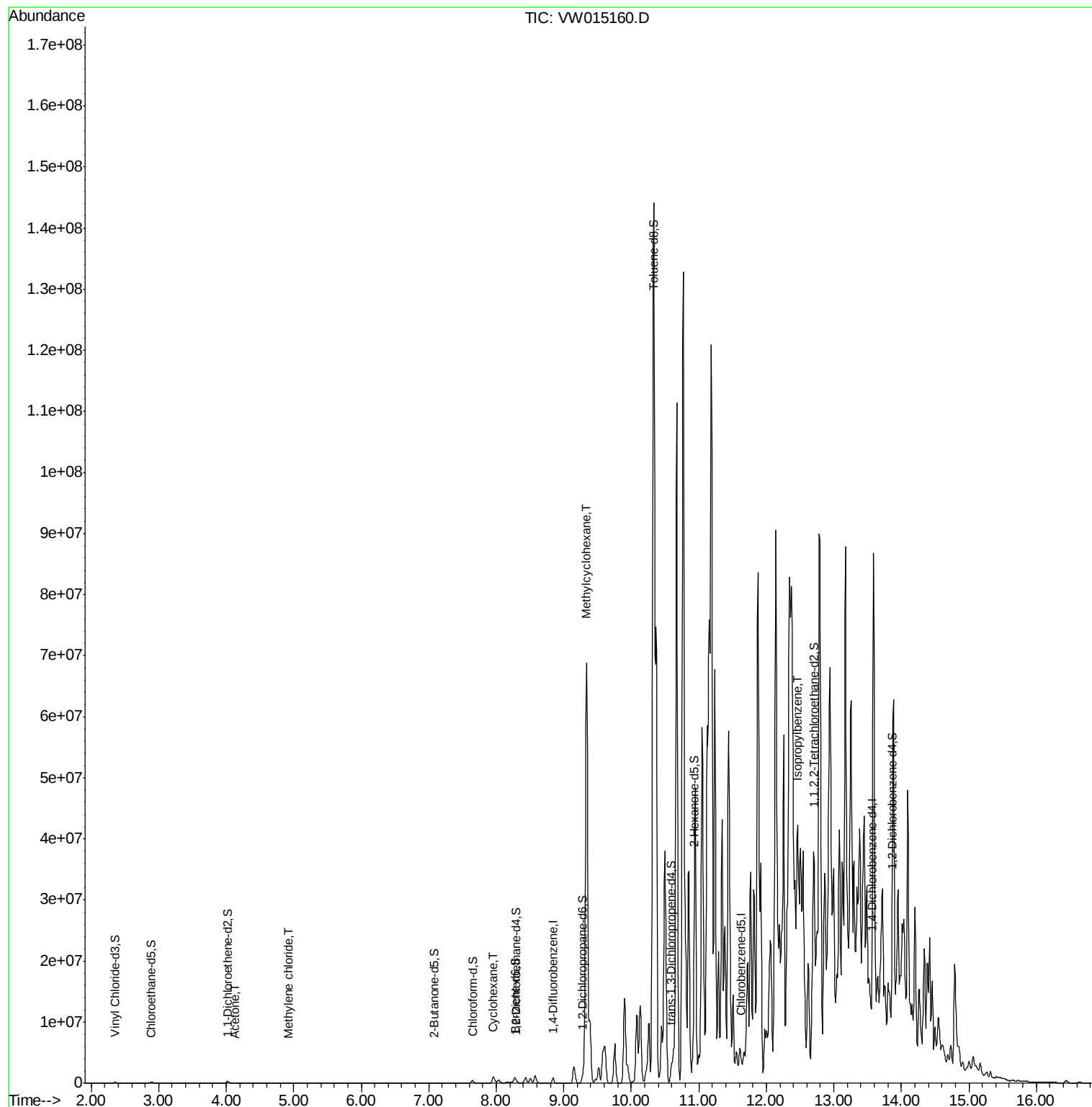
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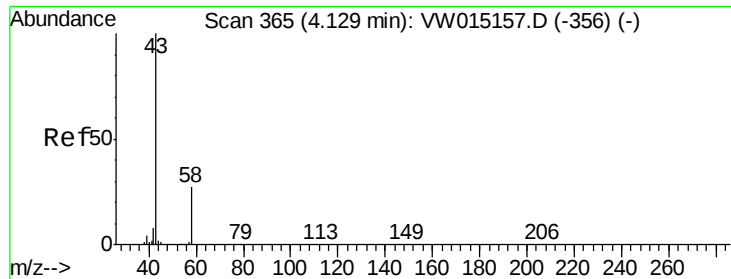
Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed Apr 08 06:10:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 13.171 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015160.D

Acq: 07 Apr 2020 13:54

Instrument :

MSVOA_W

ClientSampleId :

BG2H9

Tot Ion: 43 Resp: 28754

Ion Ratio Lower Upper

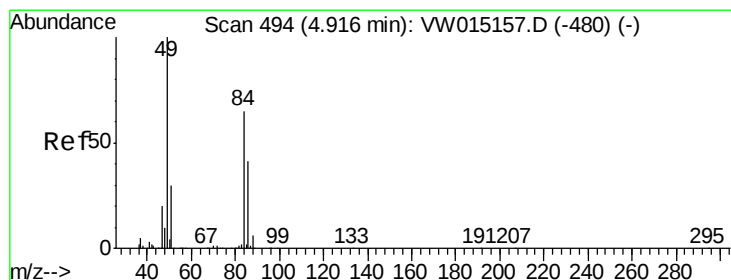
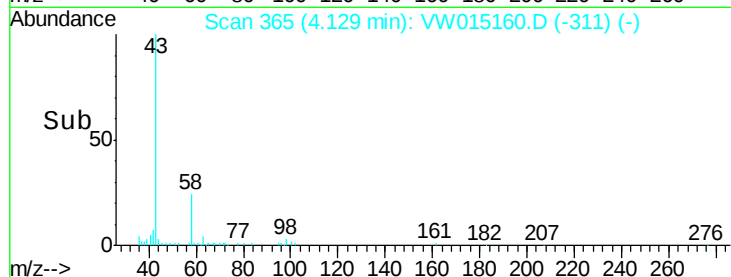
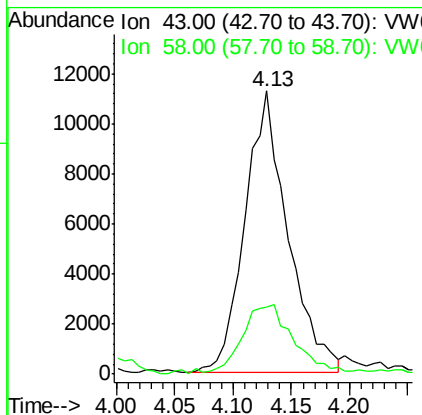
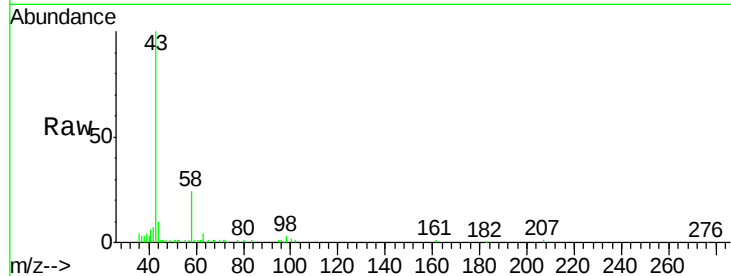
43 100

58 28.9 0.0 54.4

Manual Integrations
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#16

Methylene chloride

Concen: 2.179 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW015160.D

Acq: 07 Apr 2020 13:54

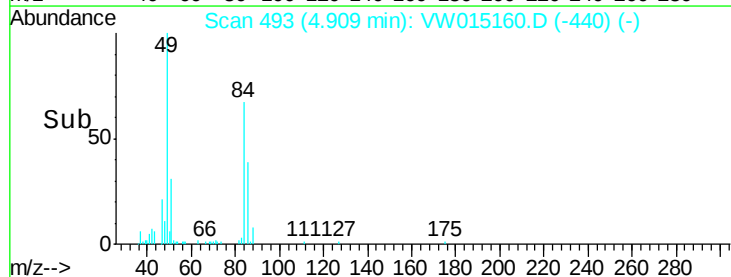
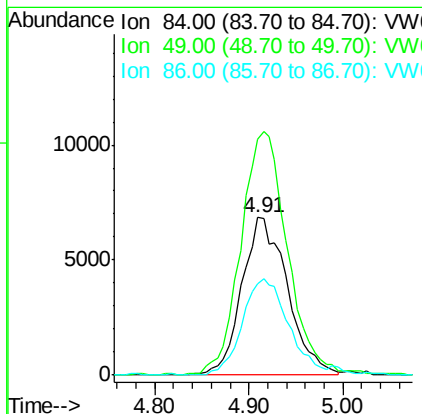
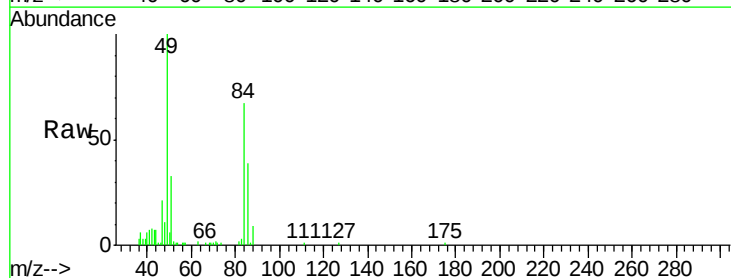
Tgt Ion: 84 Resp: 23170

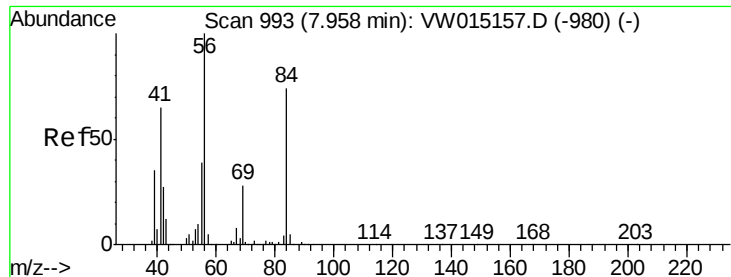
Ion Ratio Lower Upper

84 100

49 149.8 111.7 207.5

86 58.1 44.7 82.9





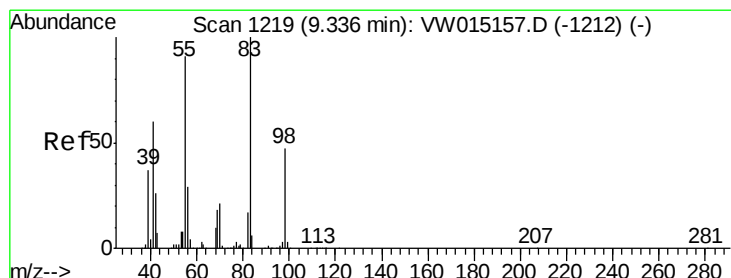
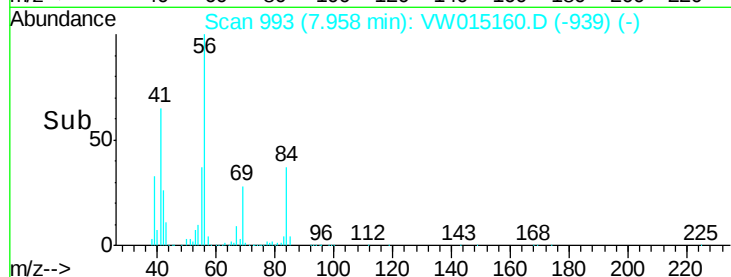
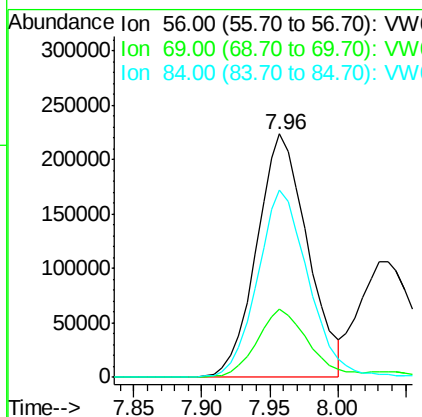
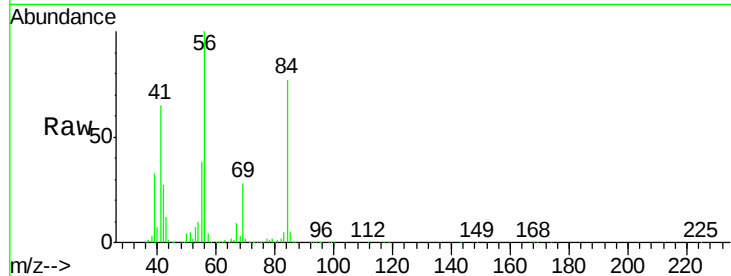
#30
Cyclohexane
Concen: 29.886 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015160.D
Acq: 07 Apr 2020 13:54

Instrument :
MSVOA_W
ClientSampleId :
BG2H9

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.1	22.0	33.0
84	77.3	58.9	88.3

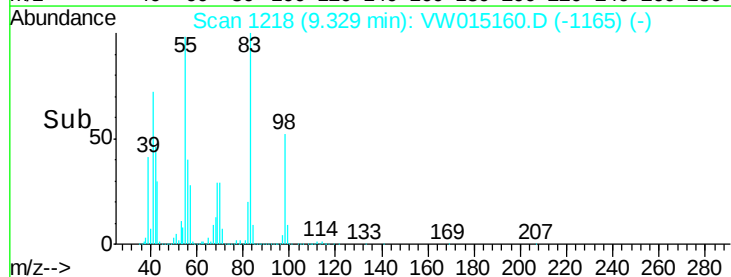
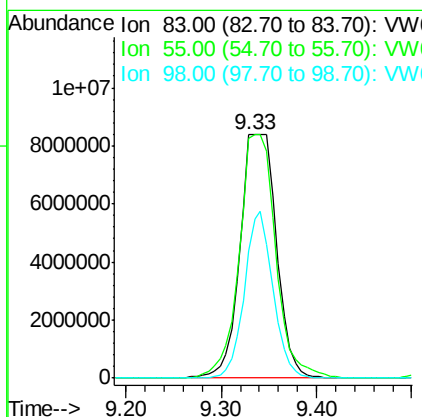
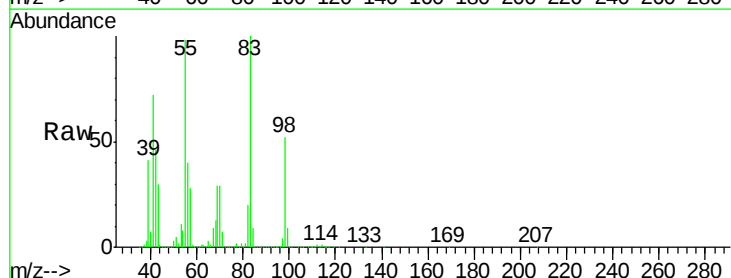
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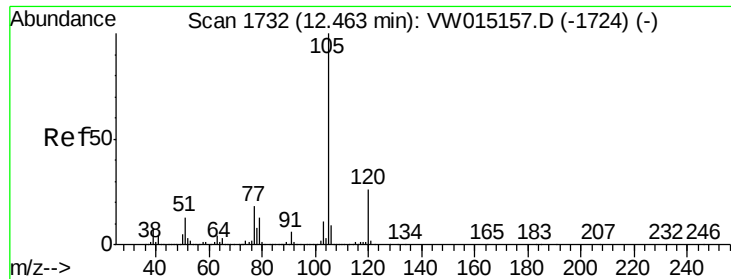
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#36
Methylcyclohexane
Concen: 1197.090 ug/L m
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015160.D
Acq: 07 Apr 2020 13:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.7	73.4	110.2#
98	0.4	36.6	55.0#





#57

Isopropylbenzene

Concen: 184.178 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015160.D

Acq: 07 Apr 2020 13:54

Instrument :

MSVOA_W

ClientSampleId :

BG2H9

Tot Ion:105 Resp: 7887317

Ion Ratio Lower Upper

105 100

120 25.9 20.0 30.0

77 21.0 14.5 21.7

Manual Integrations

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4/8/2020 3:50:15 PM

