

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U033020\
 Data File : VU037458.D
 Acq On : 30 Mar 2020 13:04
 Operator : JC/MD
 Sample : L2001-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWF9

Manual Integrations
 APPROVED

MMDadoda
 3/31/2020 6:12:25 PM

Quant Time: Mar 31 01:54:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:26:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	93718	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	87852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28885	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	27850	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	44991	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.67	46	105671	56.04	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.08%
24) Chloroform-d	5.11	84	61706	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	38021	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.76	84	123077	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	42134	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.92	98	111193	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	16811	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	88697	56.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35511	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	41695	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
13) Acetone	2.66	43	82890	76.506 ug/L	99
15) Methyl Acetate	2.98	43	89893	29.697 ug/L	97
21) 2-Butanone	4.75	43	9698m	5.265 ug/L	
25) Chloroform	5.13	83	3480	0.275 ug/L #	69
31) Carbon tetrachloride	5.56	117	169787	17.809 ug/L	98

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

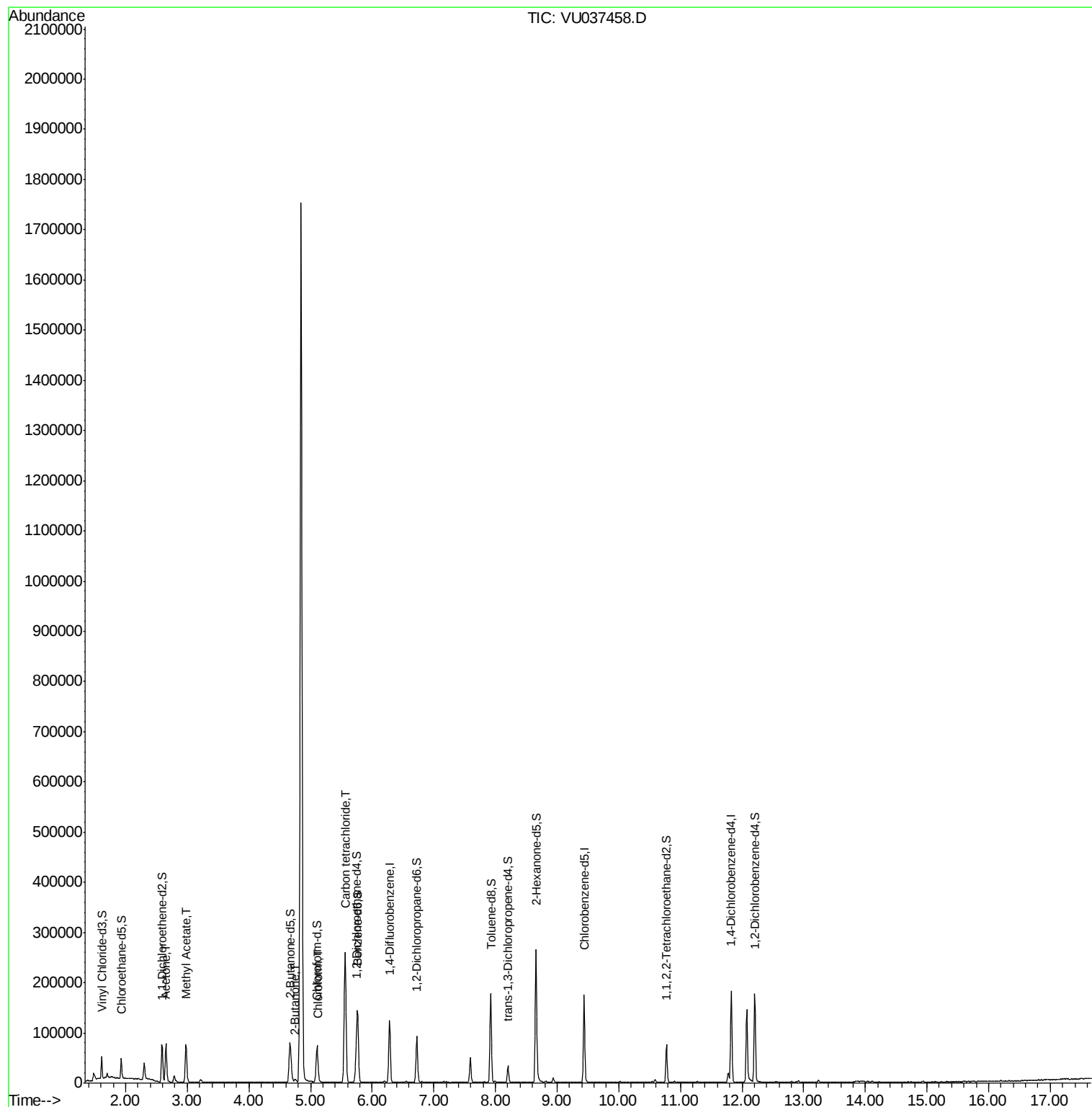
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU033020\
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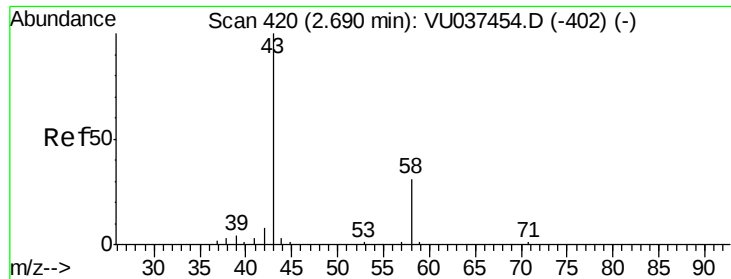
Instrument :
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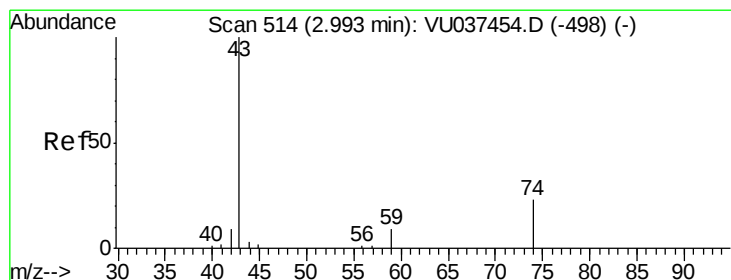
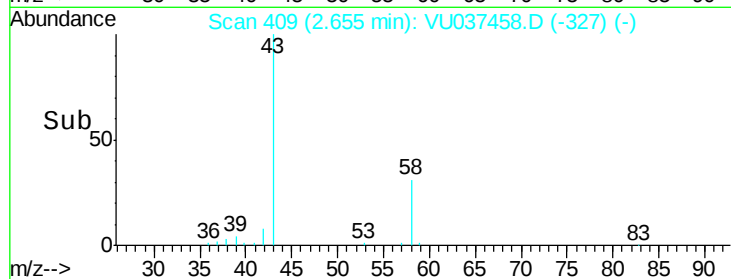
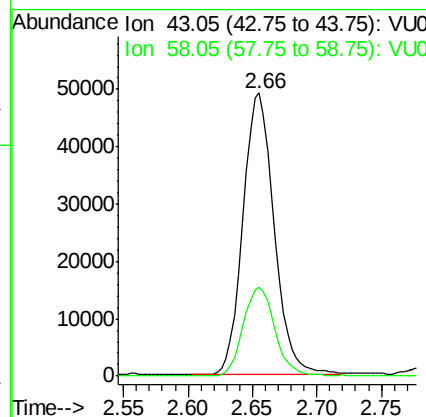
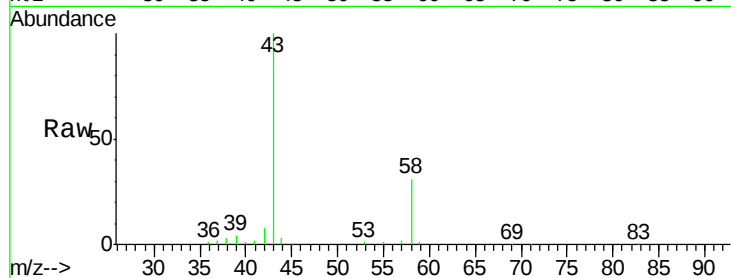
#13
Acetone
Concen: 76.506 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.04 min
Lab File: VU037458.D
Acq: 30 Mar 2020 13:04

Instrument :
MSVOA_U
ClientSampleId :
GAWF9

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	66.0

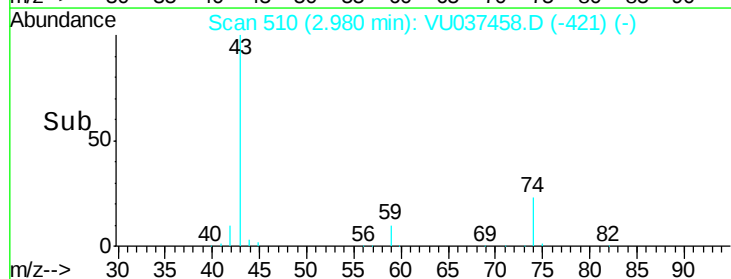
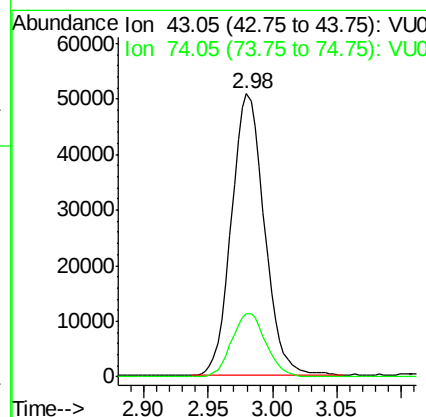
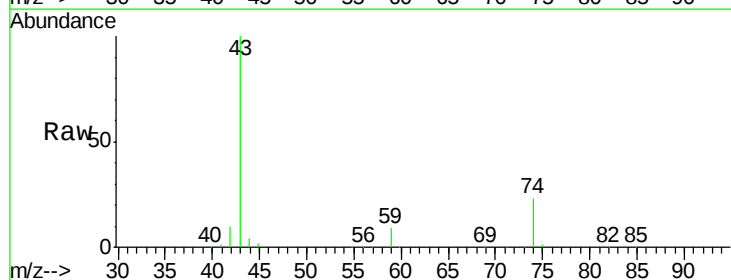
Manual Integrations
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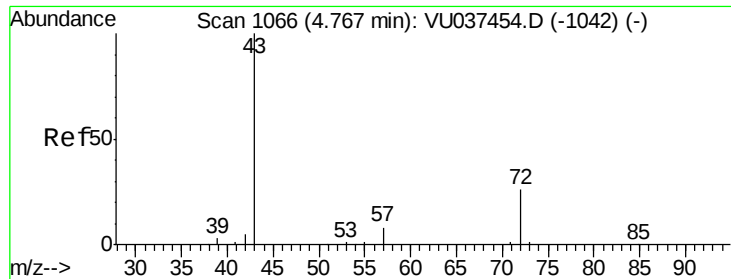
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#15
Methyl Acetate
Concen: 29.697 ug/L
RT: 2.98 min Scan# 510
Delta R.T. -0.01 min
Lab File: VU037458.D
Acq: 30 Mar 2020 13:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.8	29.6





#21

2-Butanone

Concen: 5.265 ug/L m

RT: 4.75 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VU037458.D

Acq: 30 Mar 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

GAWF9

Tot Ion: 43 Resp: 9698

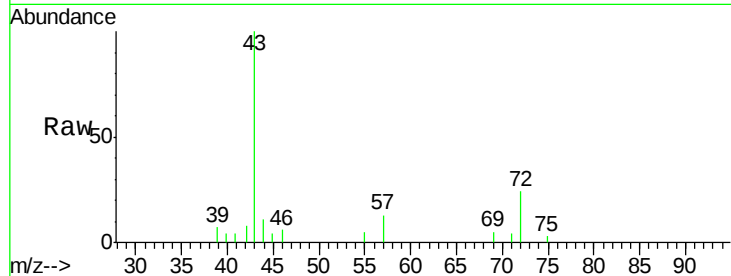
Ion Ratio Lower Upper

43 100

72 11.9 14.2 42.6#

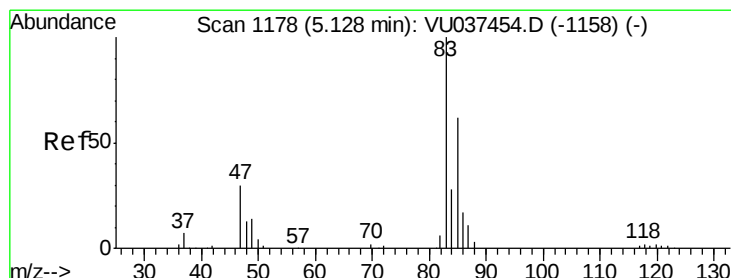
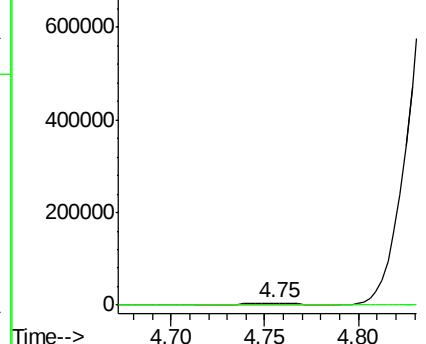
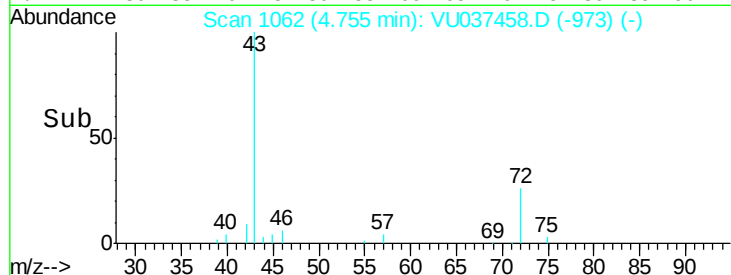
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Abundance Ion 43.05 (42.75 to 43.75): VU037458.D (-973) (-)

Ion 72.10 (71.80 to 72.80): VU037458.D (-973) (-)



#25

Chloroform

Concen: 0.275 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037458.D

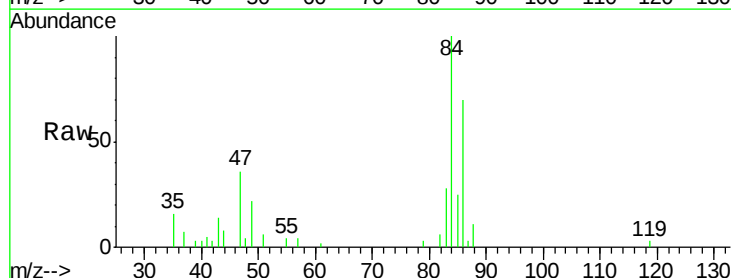
Acq: 30 Mar 2020 13:04

Tgt Ion: 83 Resp: 3480

Ion Ratio Lower Upper

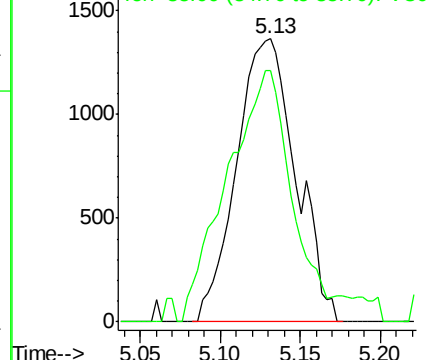
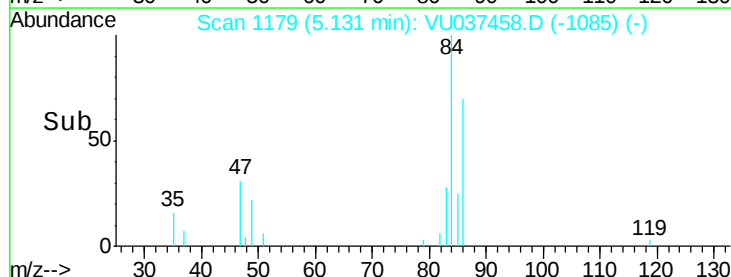
83 100

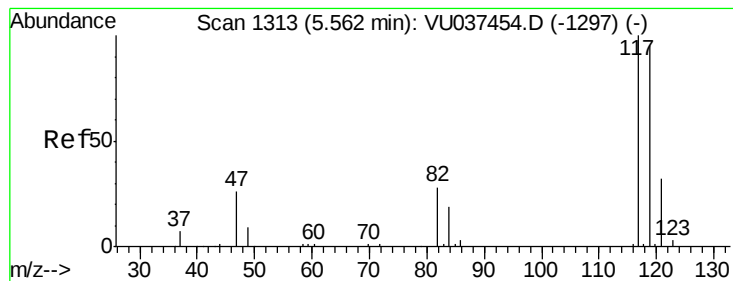
85 89.0 45.4 84.4#



Abundance Ion 83.05 (82.75 to 83.75): VU037458.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037458.D (-1085) (-)





#31

Carbon tetrachloride

Concen: 17.809 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037458.D

Acq: 30 Mar 2020 13:04

Tot Ion: 117 Resp: 169787

Ion Ratio Lower Upper

117 100

119 95.4 77.7 116.5

Instrument :

MSVOA_U

ClientSampleId :

GAWF9

Manual Integrations

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