Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071119\

Quantitation Report (QT Reviewed)

Data File : VV011859.D
Acq On : 11 Jul 2019 17:31
Operator : SY/MD
Sample : MDL07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
7/16/2019 3:24:38 PM

Quant Time: Jul 12 11:16:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 12 03:44:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8554	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7881	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3744	0.50	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.32	65	3844	0.41	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 82.00%			
4) 1,2-Dichloroethane-d4	5.07	65	3448	0.49	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 98.00%			
7) 1,2-Dichloropropane-d6	6.12	67	3916	0.51	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 102.00%			
8) Toluene-d8	7.35	98	10333	0.52	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 104.00%			
10) 1,1,2,2-Tetrachloroethane-	10.25	84	1909	0.40	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 80.00%			
Target Compounds						Qvalue
3) Vinyl chloride	1.32	62	278	0.031	ug/L #	39
6) Trichloroethene	5.95	95	258	0.036	ug/L	90
9) 1,2-Dibromoethane	8.40	107	143	0.036	ug/L #	86
12) 1,2,3-Trichloropropane	10.30	75	122	0.030	ug/L	96
13) 1,2-Dibromo-3-chloropropan	12.46	75	32m	0.043	ug/L	

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

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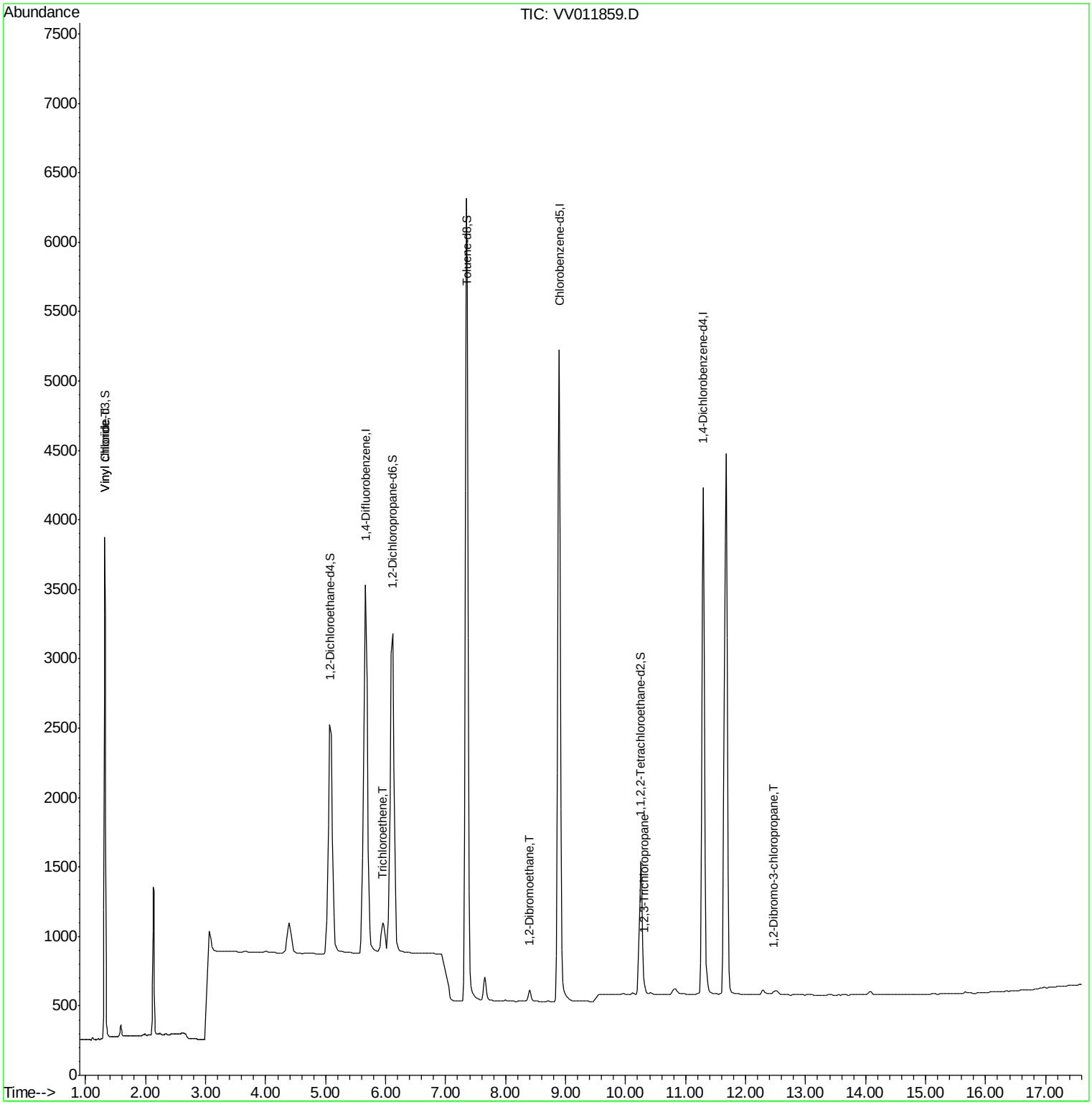
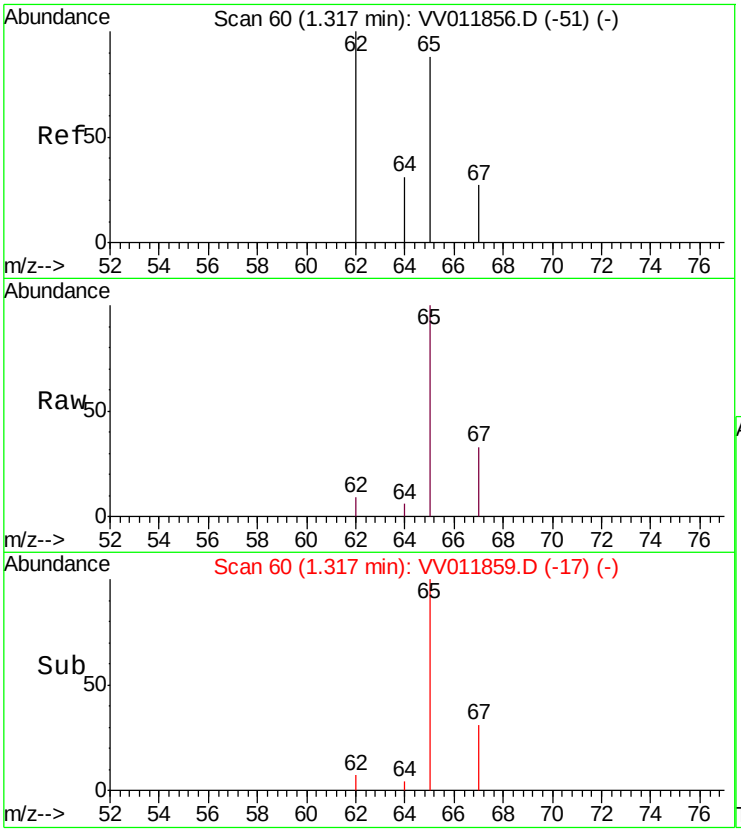
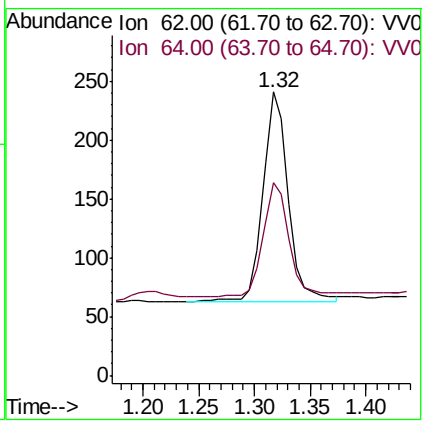




#3
Vinyl chloride
Concen: 0.031 ug/L
RT: 1.32 min Scan# 60
Delta R.T. -0.00 min
Lab File: VV011859.D
Acq: 11 Jul 2019 17:31

Tgt Ion: 62 Resp: 278

Ion	Ratio	Lower	Upper
62	100		
64	68.0	23.2	43.2#



Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations APPROVED
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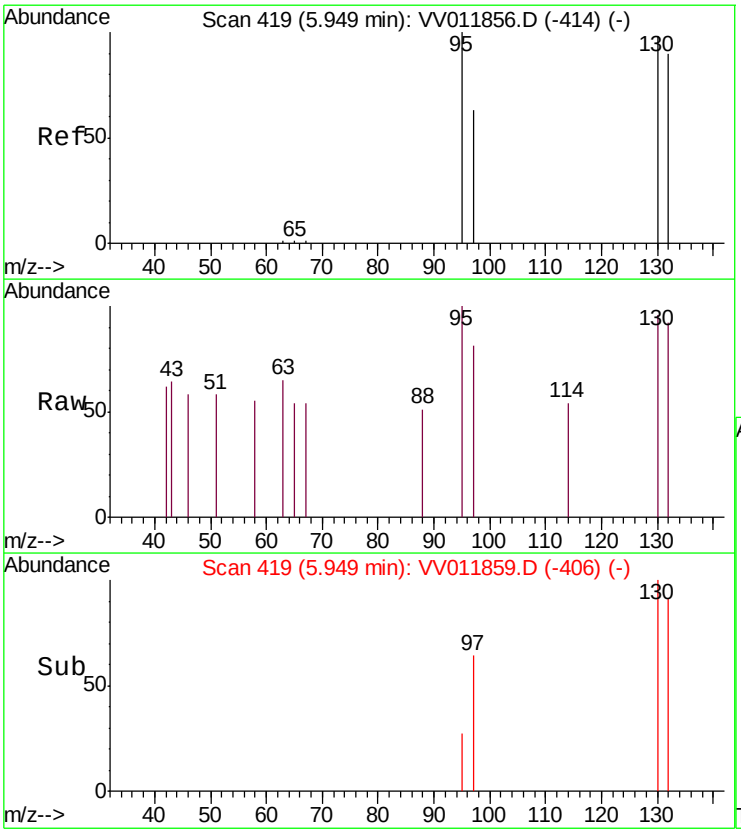
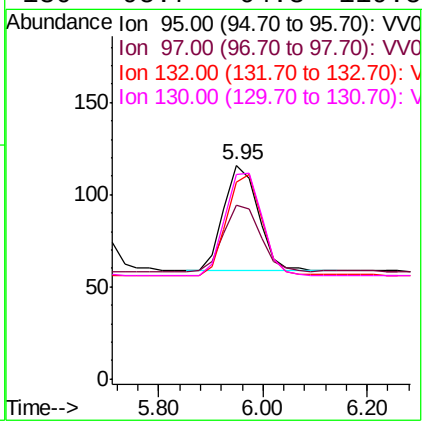
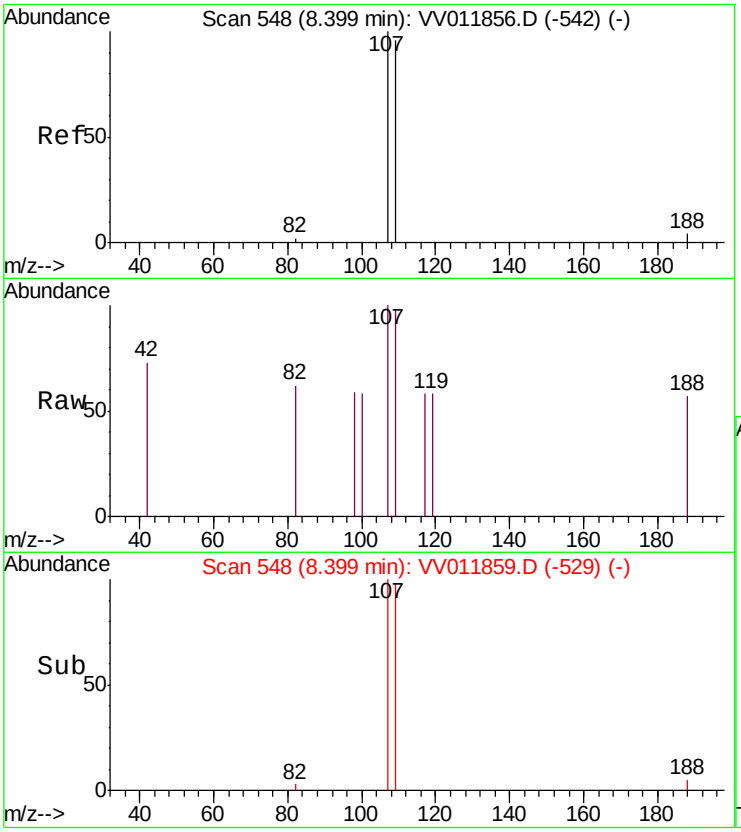


#6
Trichloroethene
Concen: 0.036 ug/L
RT: 5.95 min Scan# 419
Delta R.T. -0.00 min
Lab File: VV011859.D
Acq: 11 Jul 2019 17:31

Tgt Ion: 95 Resp: 258

Ion	Ratio	Lower	Upper
95	100		
97	81.0	46.2	85.8
132	92.2	59.0	109.6
130	95.7	64.3	119.5

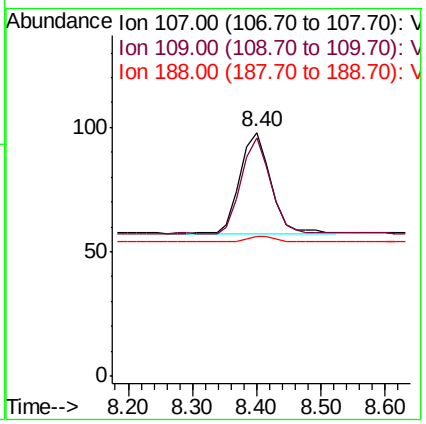




#9
1,2-Dibromoethane
Concen: 0.036 ug/L
RT: 8.40 min Scan# 548
Delta R.T. -0.00 min
Lab File: VV011859.D
Acq: 11 Jul 2019 17:31

Tgt Ion:107 Resp: 143

Ion	Ratio	Lower	Upper
107	100		
109	98.0	67.7	125.7
188	57.1	9.8	14.8#



Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations APPROVED
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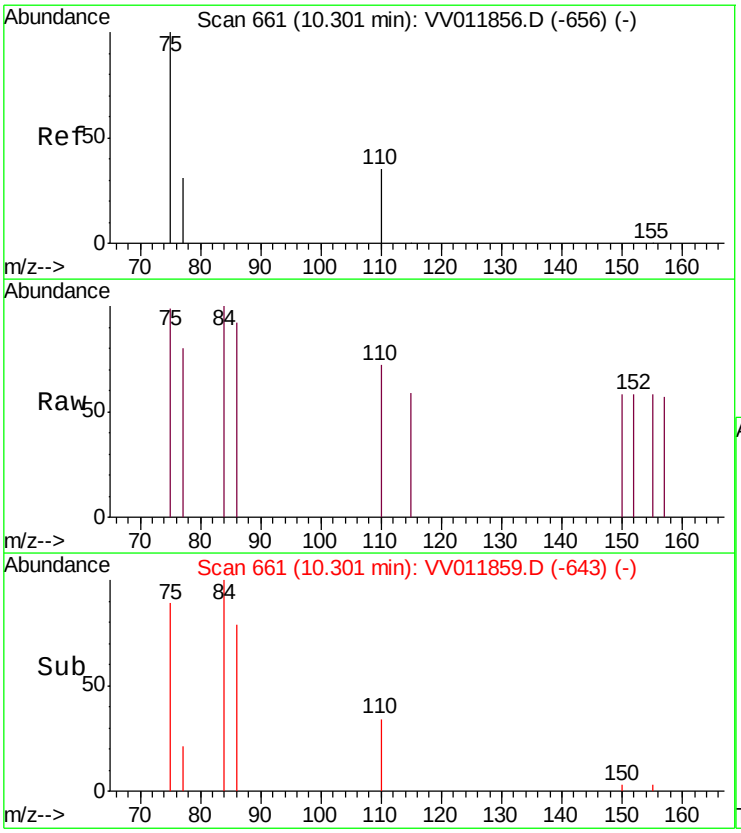
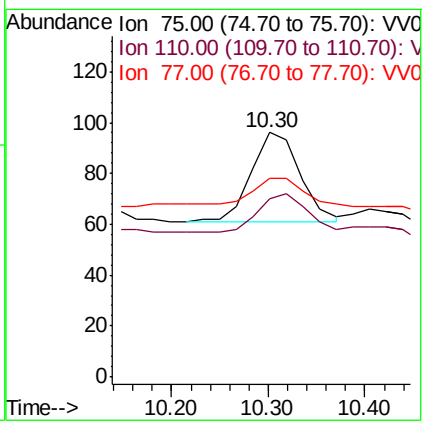
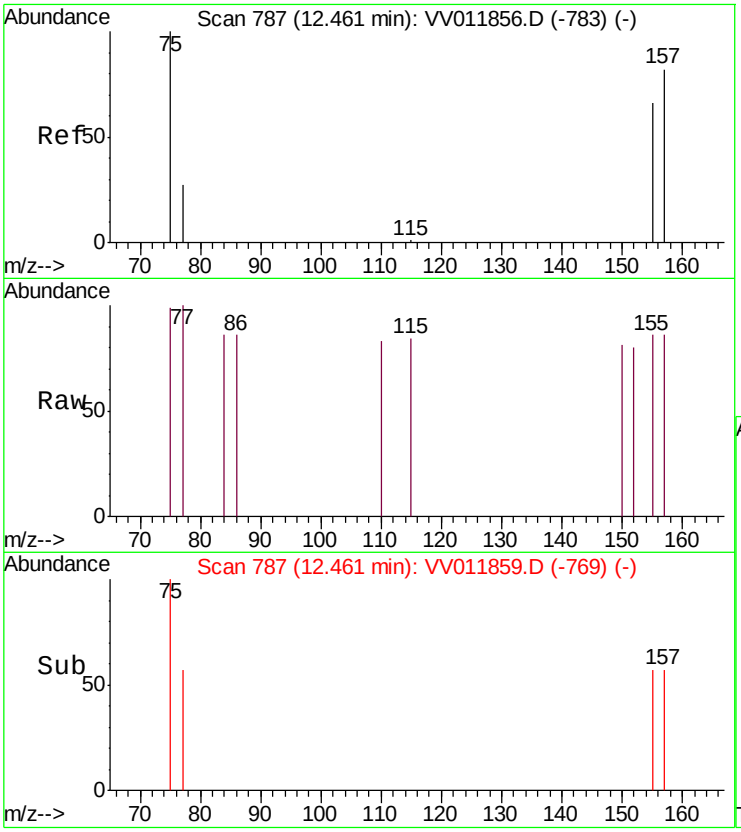


#12
1,2,3-Trichloropropane
Concen: 0.030 ug/L
RT: 10.30 min Scan# 661
Delta R.T. -0.00 min
Lab File: VV011859.D
Acq: 11 Jul 2019 17:31

Tgt Ion: 75 Resp: 122

Ion	Ratio	Lower	Upper
75	100		
110	43.4	32.2	48.4
77	33.6	25.3	37.9





#13
1,2-Dibromo-3-chloropropane
Concen: 0.043 ug/L m
RT: 12.46 min Scan# 787
Delta R.T. -0.00 min
Lab File: VV011859.D
Acq: 11 Jul 2019 17:31

Tgt Ion: 75 Resp: 32

Ion	Ratio	Lower	Upper
75	100		
157	86.8	62.2	93.4
155	86.8	55.6	83.4#

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
7/16/2019 3:24:38 PM