

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014813.D
 Acq On : 10 Mar 2020 19:51
 Operator : SY/MD
 Sample : L1840-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBEM6

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 11:09:52 AM

Quant Time: Mar 11 04:48:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	394171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	379002	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191464	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91379	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.52%
7) Chloroethane-d5	1.58	69	78215	37.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.18%
11) 1,1-Dichloroethene-d2	2.12	63	127070	28.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.34%#
21) 2-Butanone-d5	3.93	46	192515	96.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.77%
24) Chloroform-d	4.38	84	222270	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	152678	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.08	84	449224	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
36) 1,2-Dichloropropane-d6	6.10	67	141718	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.34	98	428874	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.64	79	65581	40.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.00%
47) 2-Hexanone-d5	8.11	63	159699	108.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209503	45.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	184018	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%

Target Compounds

					Ovalue
13) Acetone	2.21	43	87367	52.598 ug/L	61
15) Methyl Acetate	2.46	43	12054	3.863 ug/L	92
22) 2-Butanone	4.02	43	16754m	7.646 ug/L	
25) Chloroform	4.41	83	7160	1.338 ug/L	96
40) 4-Methyl-2-pentanone	7.26	43	7874	1.831 ug/L #	92

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

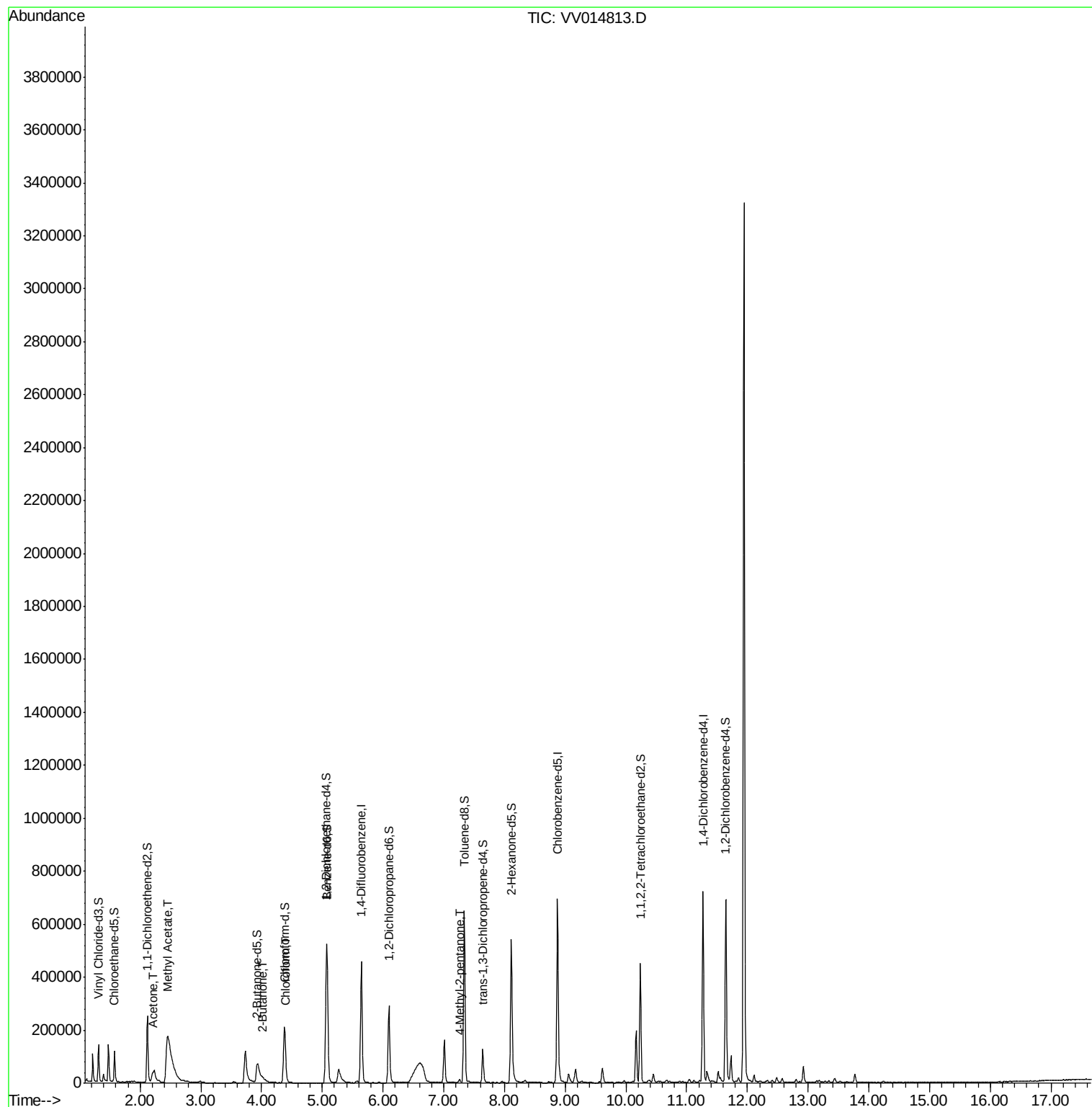
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
Data File : VV014813.D
Acq On : 10 Mar 2020 19:51
Operator : SY/MD
Sample : L1840-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

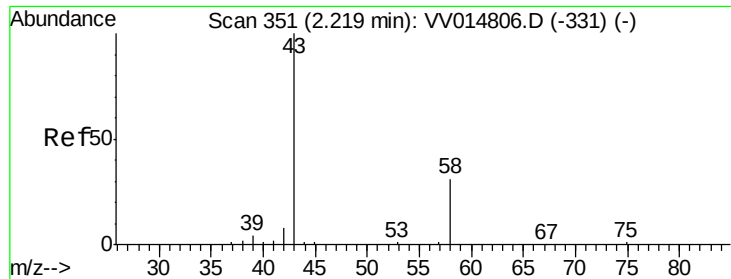
Instrument :
MSVOA_V
ClientSampleId :
DBEM6

Manual Integrations
APPROVED

MMDadoda
3/11/2020 11:09:52 AM

Quant Time: Mar 11 04:48:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 11 03:49:31 2020
Response via : Initial Calibration





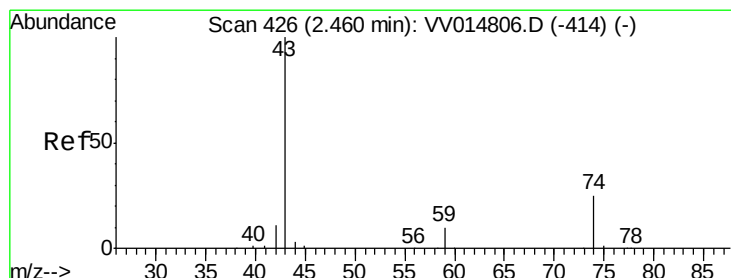
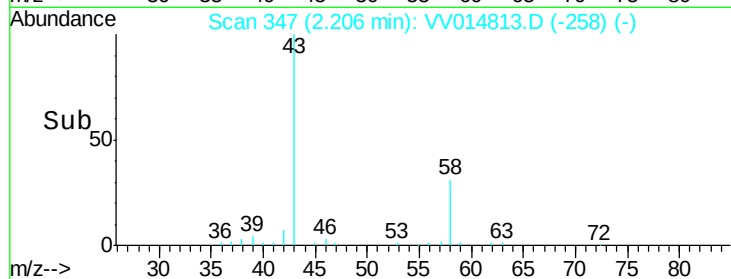
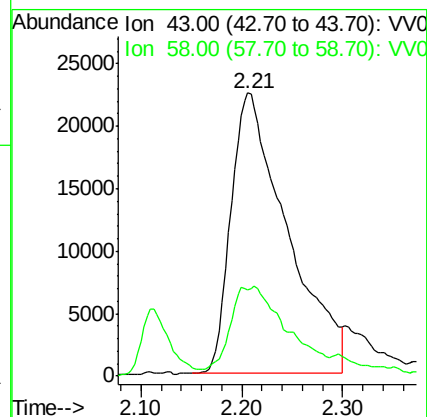
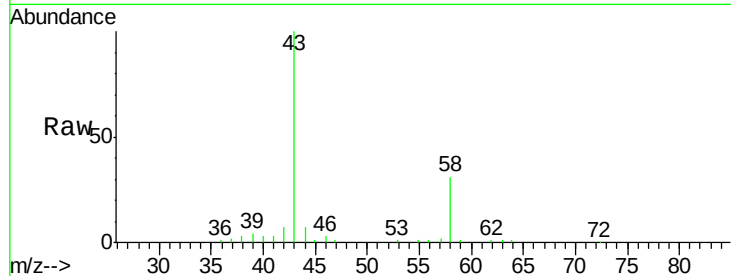
#13
Acetone
Concen: 52.598 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.01 min
Lab File: VV014813.D
Acq: 10 Mar 2020 19:51

Instrument :
MSVOA_V
ClientSampled :
DBEM6

Tot Ion: 43 Resp: 87367
Ion Ratio Lower Upper
43 100
58 9.5 0.0 62.2

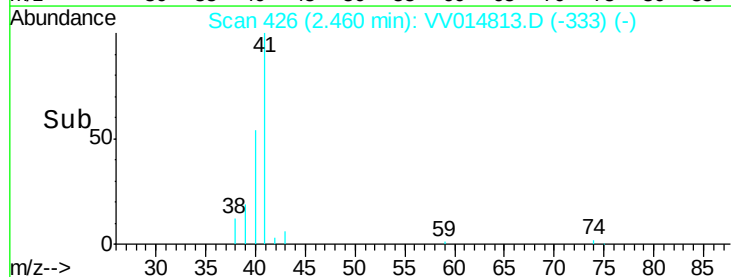
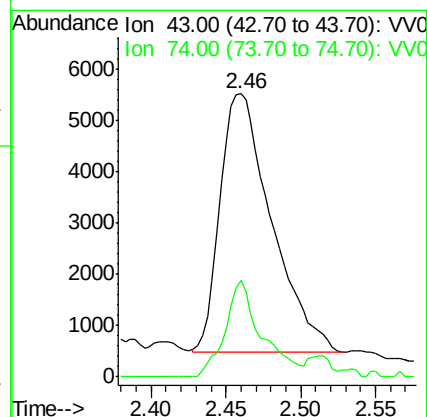
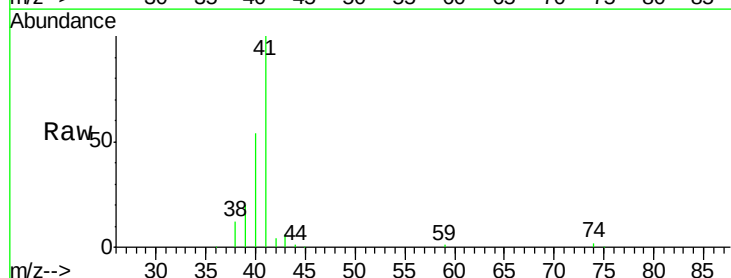
Manual Integrations
APPROVED

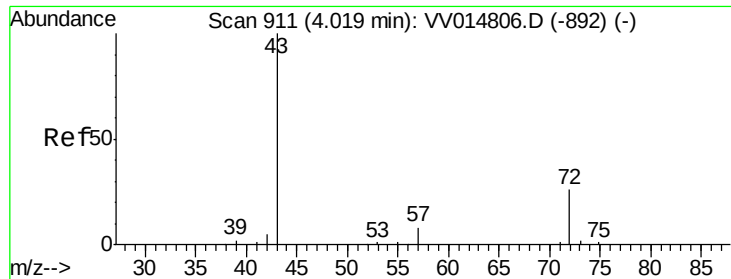
MMDadoda
3/11/2020 11:09:52 AM



#15
Methyl Acetate
Concen: 3.863 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV014813.D
Acq: 10 Mar 2020 19:51

Tgt Ion: 43 Resp: 12054
Ion Ratio Lower Upper
43 100
74 26.5 17.9 26.9





#22

2-Butanone

Concen: 7.646 ug/L m

RT: 4.02 min Scan# 912

Delta R.T. 0.00 min

Lab File: VV014813.D

Acq: 10 Mar 2020 19:51

Instrument :

MSVOA_V

ClientSampleId :

DBEM6

Tot Ion: 43 Resp: 16754

Ion Ratio Lower Upper

43 100

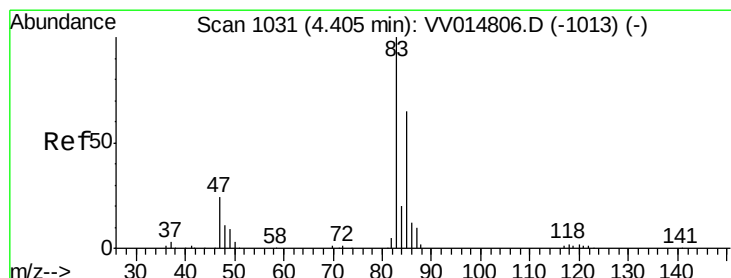
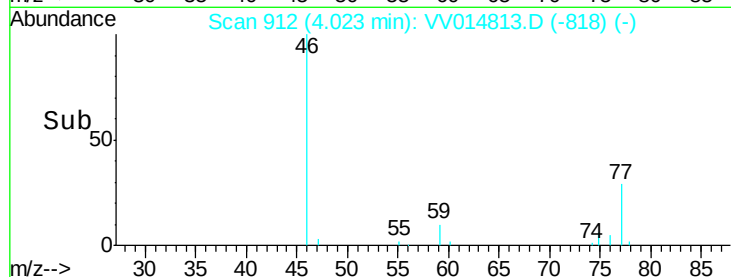
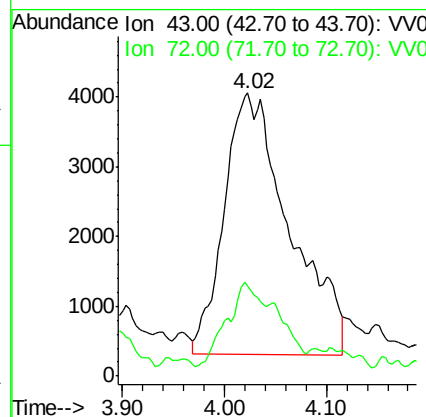
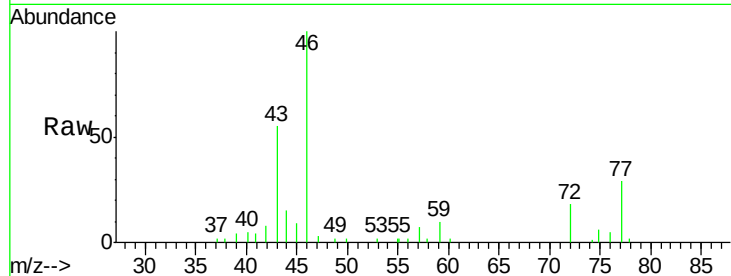
72 5.8 12.0 36.0#

Manual Integrations

APPROVED

MMDadoda

3/11/2020 11:09:52 AM



#25

Chloroform

Concen: 1.338 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014813.D

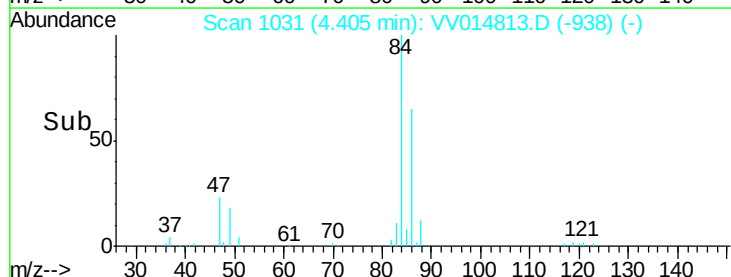
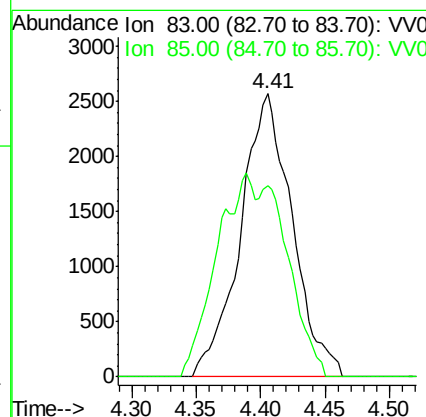
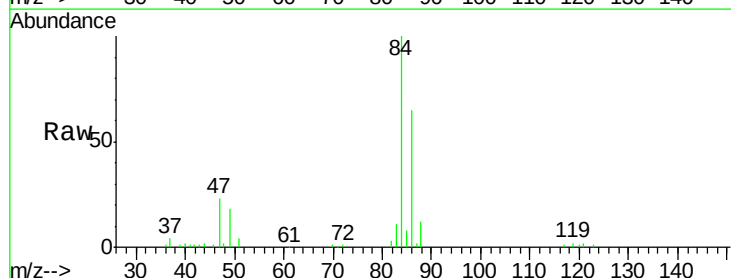
Acq: 10 Mar 2020 19:51

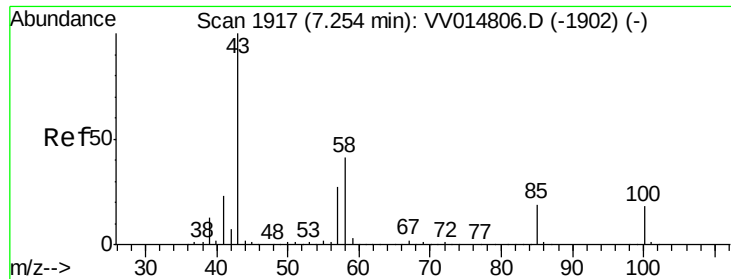
Tgt Ion: 83 Resp: 7160

Ion Ratio Lower Upper

83 100

85 67.6 45.1 83.9





#40
 4-Methyl-2-pentanone
 Concen: 1.831 ug/L
 RT: 7.26 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: VV014813.D
 Acq: 10 Mar 2020 19:51

Instrument :
 MSVOA_V
 ClientSampleID :
 DBEM6

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	31.0	46.4
100	18.3	11.2	16.8

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 11:09:52 AM

