

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014467.D
 Acq On : 31 Jan 2020 22:10
 Operator : SY/MD
 Sample : L1324-05
 Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT62

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 2:50:04 PM

Quant Time: Feb 01 03:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 02:36:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	436646	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	236638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122748	50.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.24%
7) Chloroethane-d5	1.55	69	37321	24.75	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.50%#
11) 1,1-Dichloroethene-d2	2.10	63	113028	34.91	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	3.93	46	160072	98.10	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	4.39	84	224794	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.07	65	145792	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.09	84	491334	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
36) 1,2-Dichloropropane-d6	6.11	67	156584	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.92%
41) Toluene-d8	7.35	98	462464	44.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.66	79	81467	45.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.00%
47) 2-Hexanone-d5	8.14	63	156982	112.65	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.65%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	225930	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	197301	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	3871	1.016 ug/L	90
42) Toluene	7.43	91	19892	1.506 ug/L	95
53) m,p-Xylene	9.18	106	5535	1.000 ug/L	86
54) o-xylene	9.59	106	5081	0.927 ug/L	92
55) Styrene	9.61	104	25411	2.761 ug/L	95

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

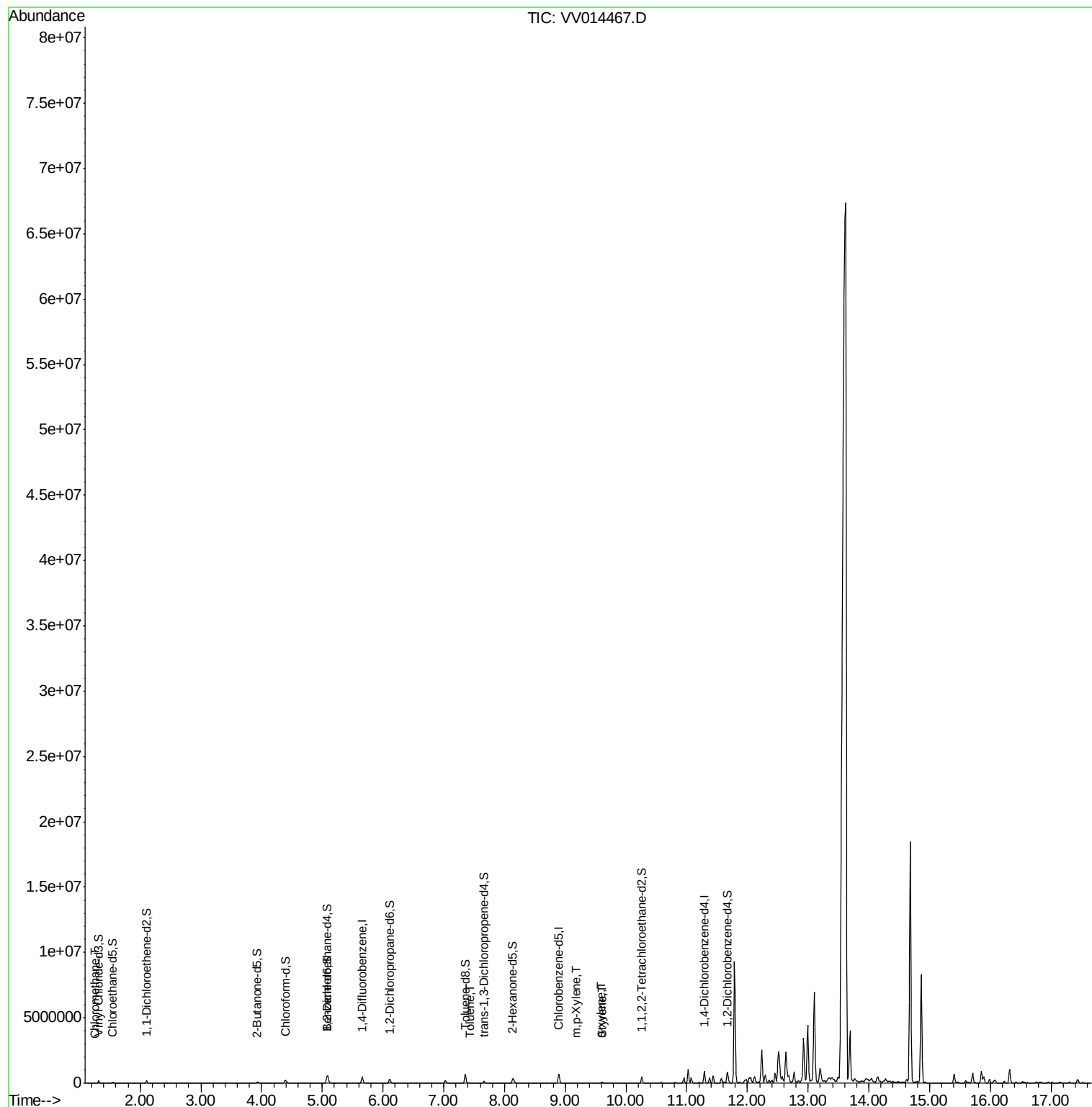
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014467.D
Acq On : 31 Jan 2020 22:10
Operator : SY/MD
Sample : L1324-05
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

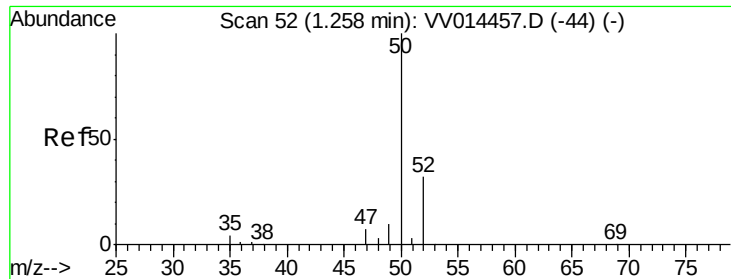
Instrument :
MSVOA_V
ClientSampleId :
GAT62

Manual Integrations
APPROVED

MMDadoda
2/4/2020 2:50:04 PM

Quant Time: Feb 01 03:41:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.016 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.01 min

Lab File: VV014467.D

Acq: 31 Jan 2020 22:10

Instrument :

MSVOA_V

ClientSampleId :

GAT62

Tot Ion: 50 Resp: 3871

Ion Ratio Lower Upper

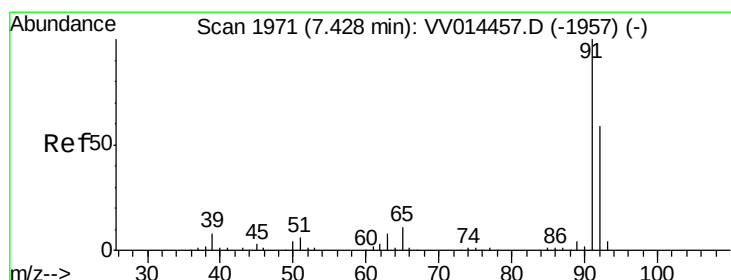
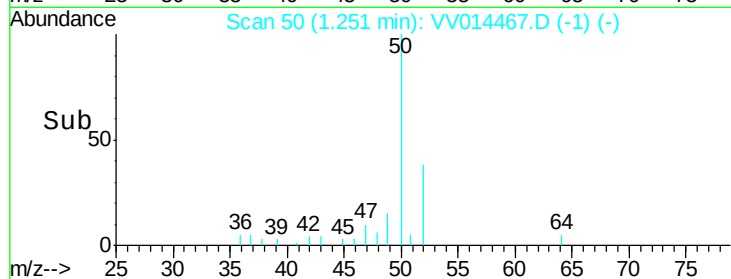
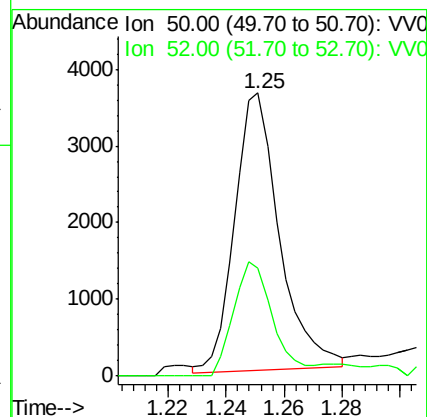
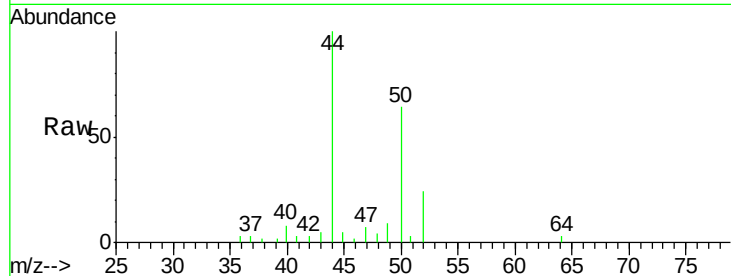
50 100

52 38.2 22.8 42.4

Manual Integrations
APPROVED

MMDadoda

2/4/2020 2:50:04 PM



#42

Toluene

Concen: 1.506 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV014467.D

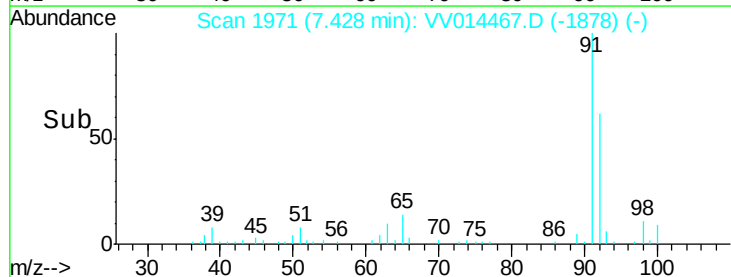
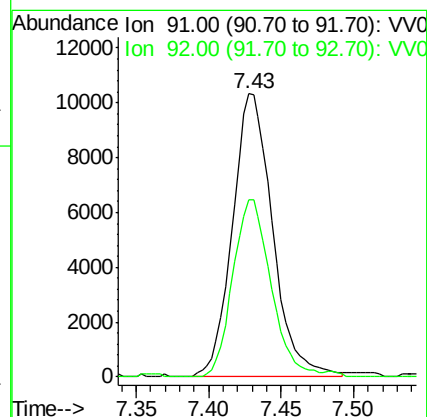
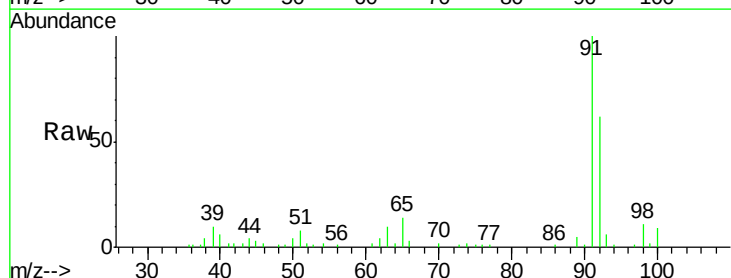
Acq: 31 Jan 2020 22:10

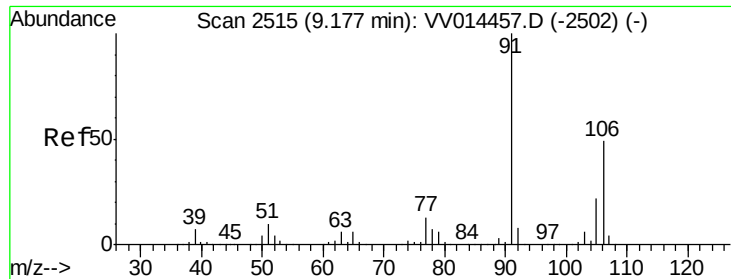
Tgt Ion: 91 Resp: 19892

Ion Ratio Lower Upper

91 100

92 62.5 41.0 76.2





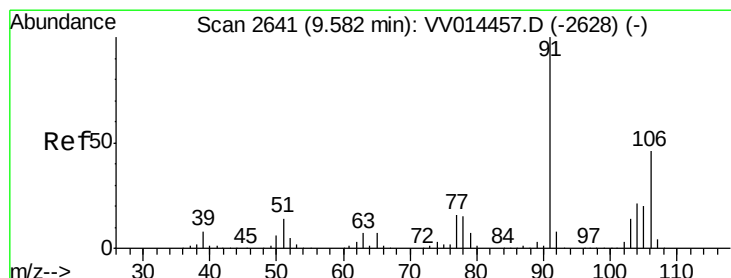
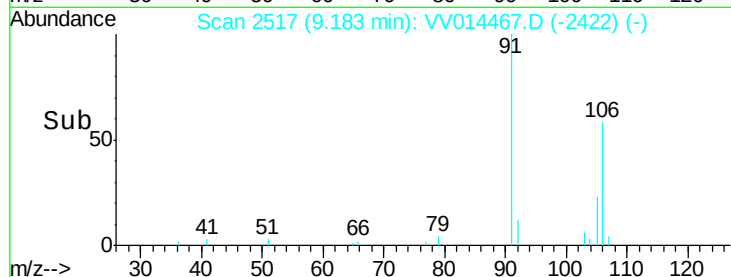
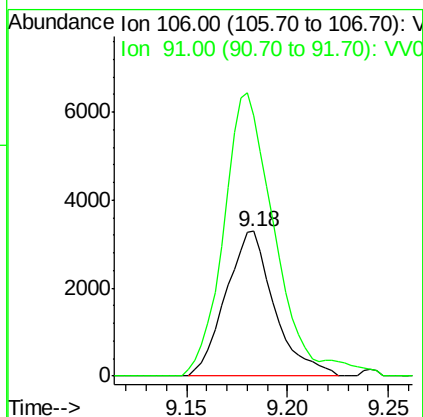
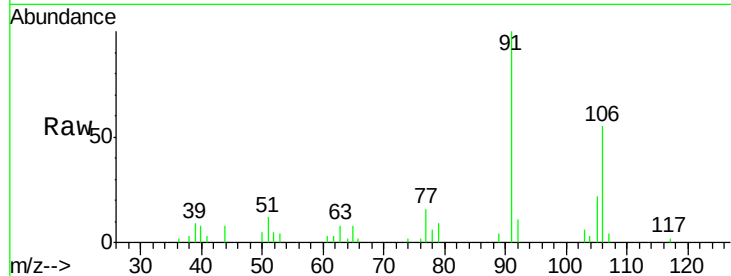
#53
m,p-Xylene
Concen: 1.000 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV014467.D
Acq: 31 Jan 2020 22:10

Instrument :
MSVOA_V
ClientSampled :
GAT62

Tot Ion:106 Resp: 5535
Ion Ratio Lower Upper
106 100
91 180.4 140.9 261.7

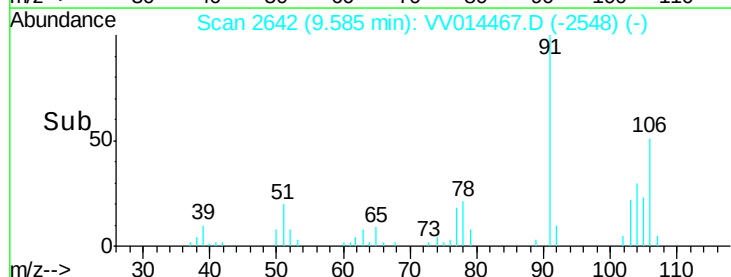
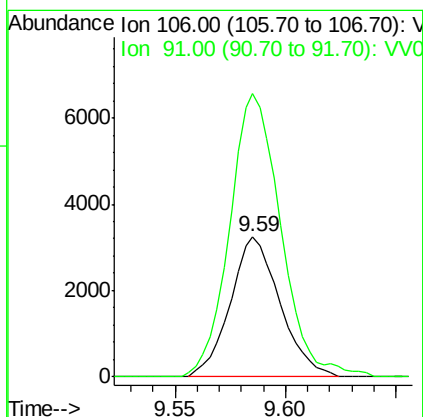
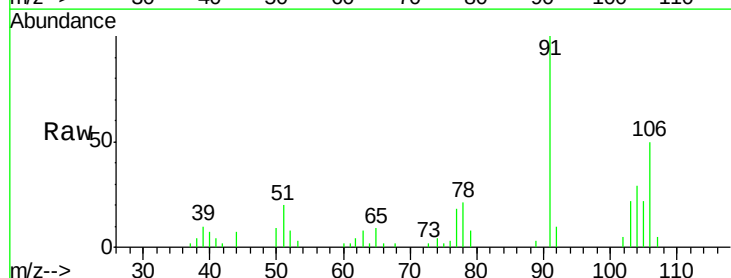
Manual Integrations
APPROVED

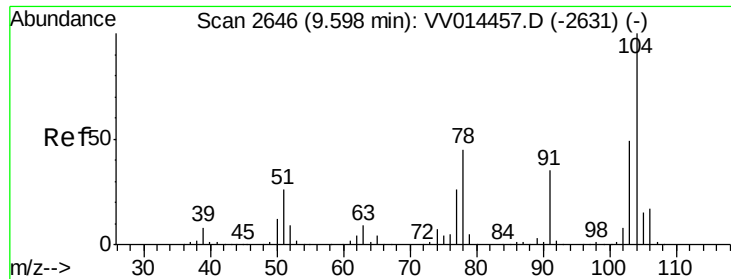
MMDadoda
2/4/2020 2:50:04 PM



#54
o-xylene
Concen: 0.927 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014467.D
Acq: 31 Jan 2020 22:10

Tgt Ion:106 Resp: 5081
Ion Ratio Lower Upper
106 100
91 201.7 150.4 279.2





#55
 Stvrene
 Concen: 2.761 ug/L
 RT: 9.61 min Scan# 2649
 Delta R.T. 0.01 min
 Lab File: VV014467.D
 Acq: 31 Jan 2020 22:10

Instrument :
 MSVOA_V
 ClientSampleId :
 GAT62

Tot Ion	Ratio	Lower	Upper
104	100		
78	41.1	31.3	58.1

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 2:50:04 PM

