

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014642.D
 Acq On : 20 Feb 2020 22:28
 Operator : SY/MD
 Sample : L1607-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Quant Time: Feb 21 06:13:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	254777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	115036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49093	50.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.34%
7) Chloroethane-d5	1.59	69	35101	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.02%
11) 1,1-Dichloroethene-d2	2.13	63	72247	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.50%
21) 2-Butanone-d5	3.94	46	89588	110.42	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.42%
24) Chloroform-d	4.40	84	144296	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.08	65	98999	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.86%
32) Benzene-d6	5.10	84	310400	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.88%
36) 1,2-Dichloropropane-d6	6.11	67	91289	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	7.35	98	285756	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%
43) trans-1,3-Dichloropropene-	7.66	79	45764	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
47) 2-Hexanone-d5	8.13	63	70855	101.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	121547	51.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.38%
64) 1,2-Dichlorobenzene-d4	11.67	152	108362	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

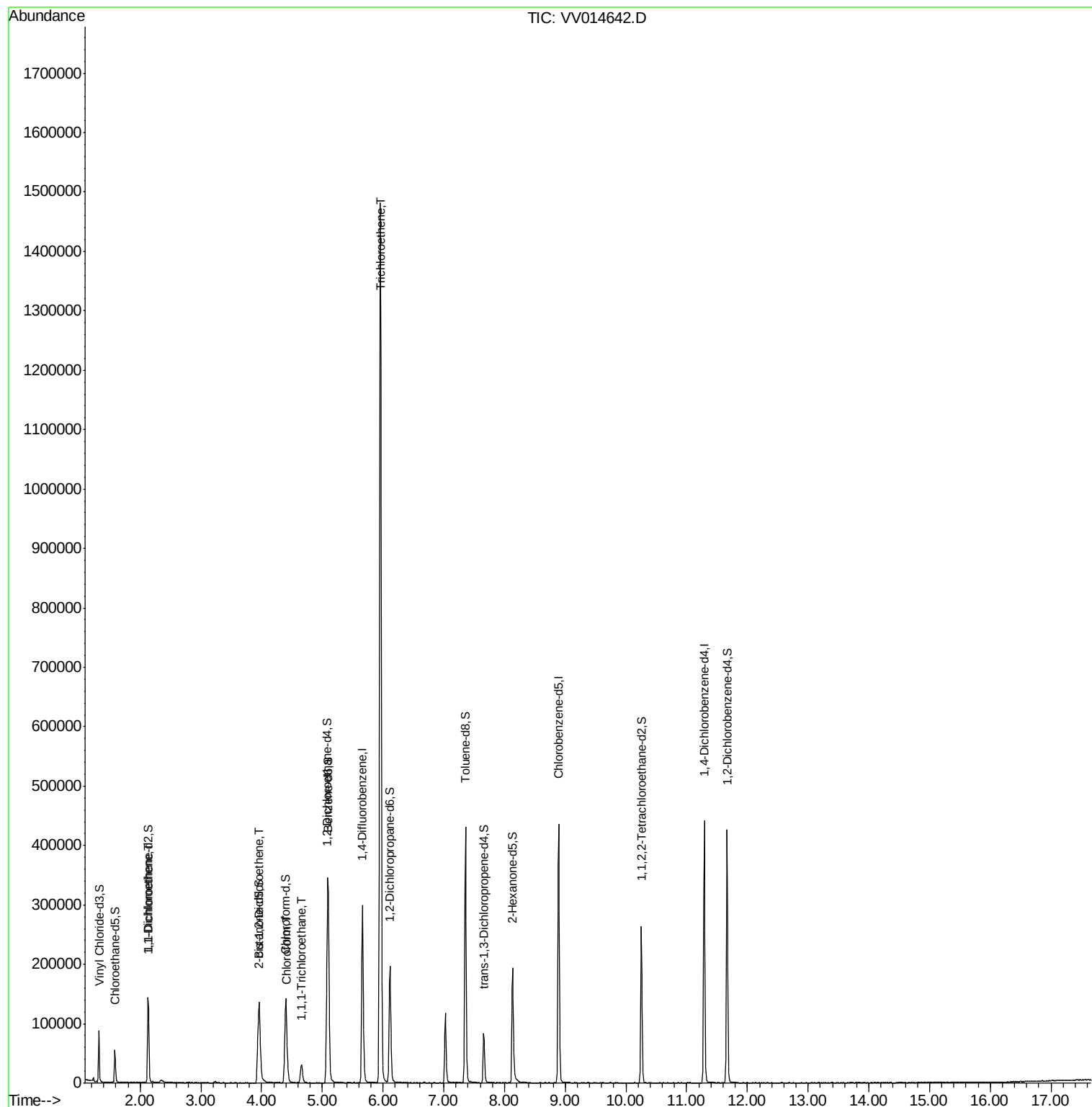
					Ovalue
12) 1,1-Dichloroethene	2.14	96	4917	6.293 ug/L	# 1
20) cis-1,2-Dichloroethene	3.96	96	57607	32.327 ug/L	99
25) Chloroform	4.42	83	11979	4.006 ug/L	94
30) 1,1,1-Trichloroethane	4.66	97	25758	9.749 ug/L	97
34) Trichloroethene	5.96	95	518926	301.572 ug/L	97

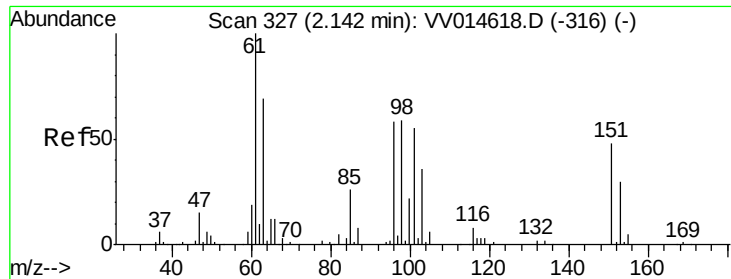
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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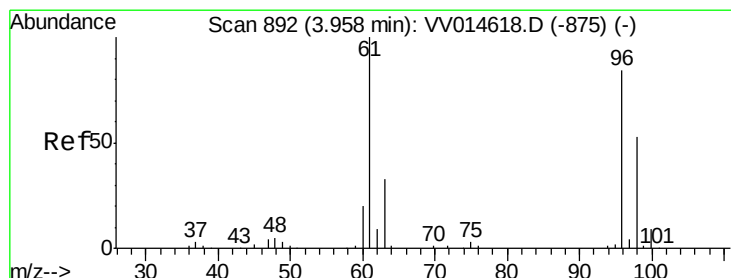
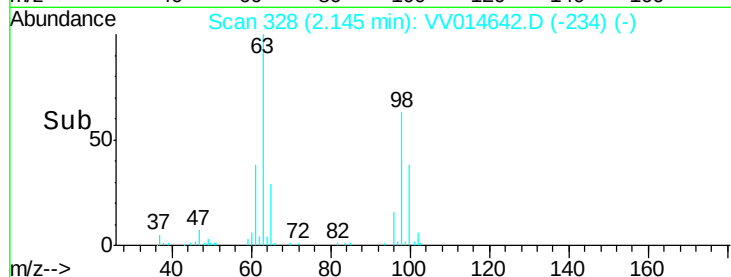
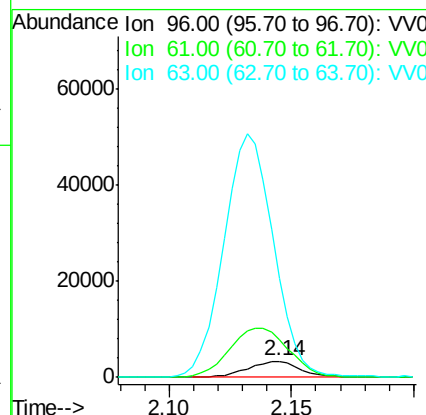
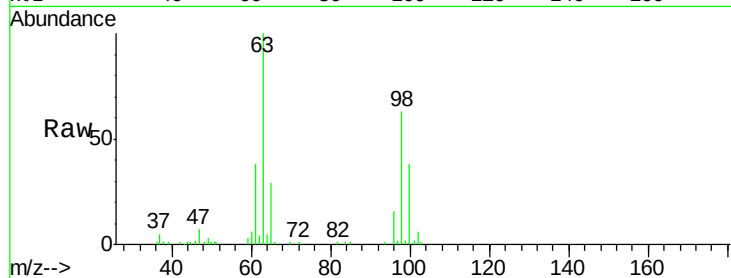




#12
 1,1-Dichloroethene
 Concen: 6.293 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV014642.D
 Acq: 20 Feb 2020 22:28

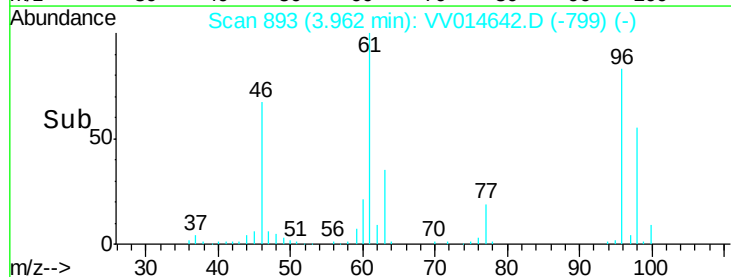
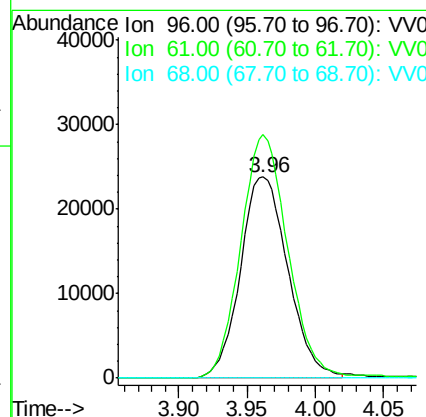
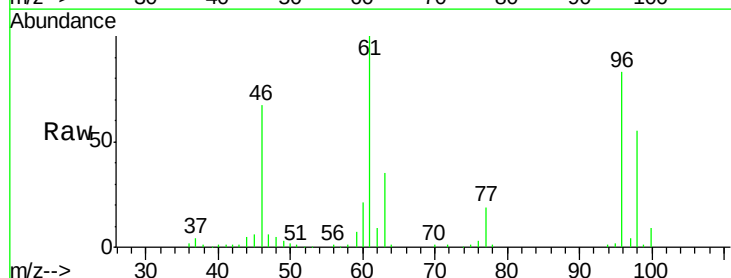
Instrument :
 MSVOA_V
 ClientSampled :
 C0AQ6

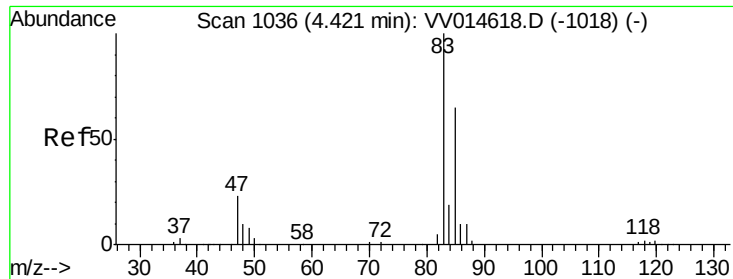
Tot Ion: 96 Resp: 4917
 Ion Ratio Lower Upper
 96 100
 61 232.9 124.2 230.6#
 63 615.7 89.2 165.8#



#20
 cis-1,2-Dichloroethene
 Concen: 32.327 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014642.D
 Acq: 20 Feb 2020 22:28

Tgt Ion: 96 Resp: 57607
 Ion Ratio Lower Upper
 96 100
 61 121.1 85.9 159.5
 68 0.0 0.0 0.0

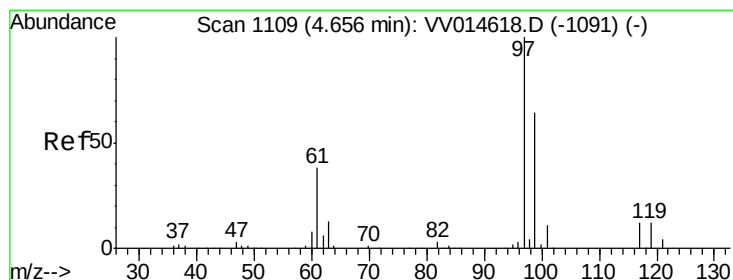
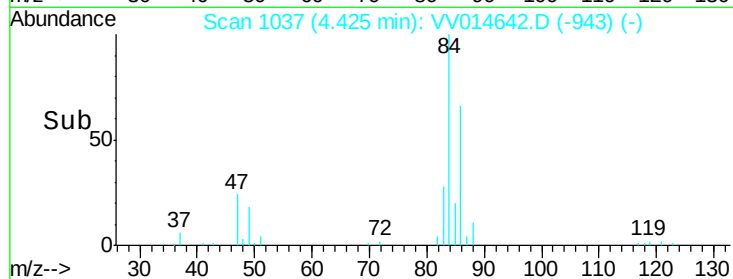
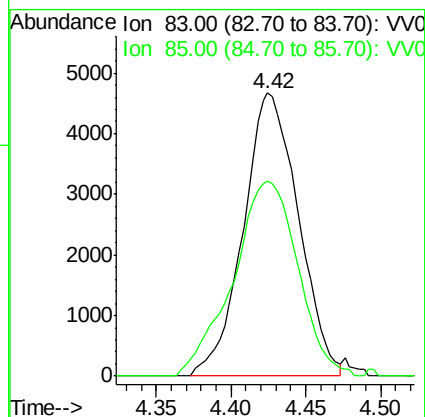
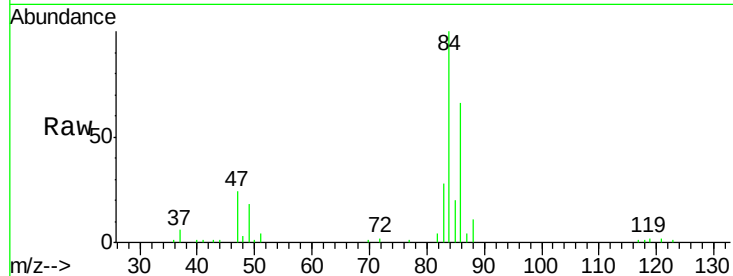




#25
Chloroform
Concen: 4.006 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014642.D
Acq: 20 Feb 2020 22:28

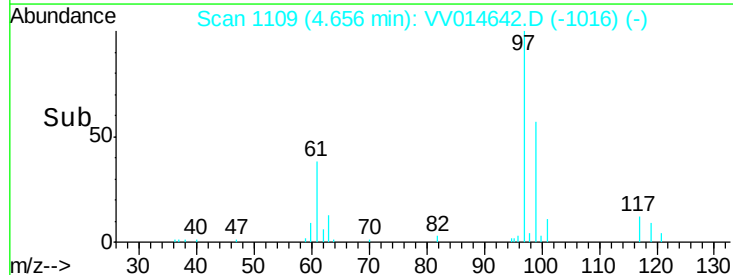
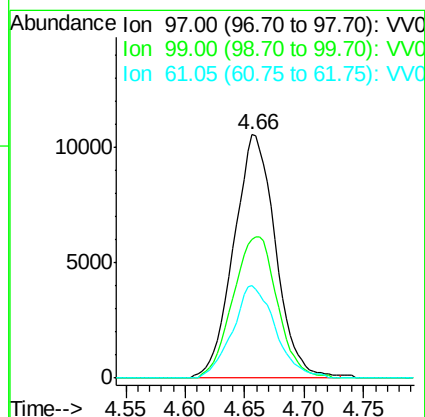
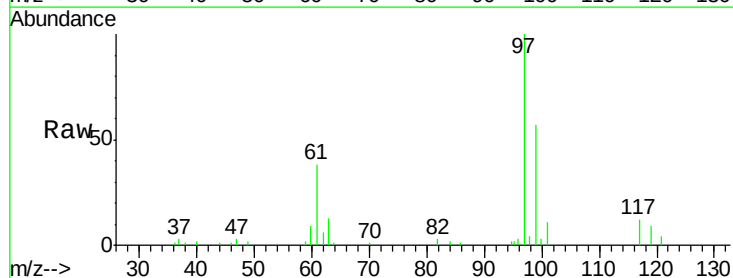
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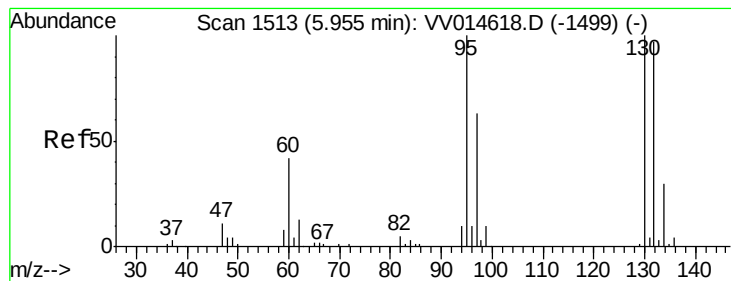
Tot Ion: 83 Resp: 11979
Ion Ratio Lower Upper
83 100
85 68.9 45.0 83.6



#30
1,1,1-Trichloroethane
Concen: 9.749 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014642.D
Acq: 20 Feb 2020 22:28

Tgt Ion: 97 Resp: 25758
Ion Ratio Lower Upper
97 100
99 61.6 51.2 76.8
61 39.1 32.4 48.6





#34

Trichloroethene

Concen: 301.572 ug/L

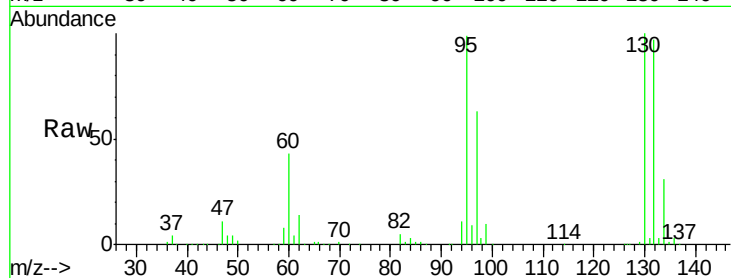
RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014642.D

Acq: 20 Feb 2020 22:28

Instrument :
MSVOA_V
ClientSampleId :
C0AQ6



Tot Ion	95	Resp	518926
Ion Ratio	Lower	Upper	
95	100		
97	63.8	45.3	84.1
132	97.3	69.6	129.2
130	100.5	74.0	137.4

