

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019758.D
 Acq On : 20 Dec 2020 00:48
 Operator : SY/MD
 Sample : L5131-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H09

Quant Time: Dec 21 06:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 06:23:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	694437	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	654644	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	294094	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	229587	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.20%
7) Chloroethane-d5	1.57	69	195184	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.11	63	344750	37.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.60%
21) 2-Butanone-d5	3.89	46	324815	120.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.01%
24) Chloroform-d	4.35	84	435829	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	5.04	65	304411	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
32) Benzene-d6	5.05	84	879959	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.07	67	282412	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.28%
41) Toluene-d8	7.32	98	772320	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%
43) trans-1,3-Dichloropropene-	7.62	79	128229	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
47) 2-Hexanone-d5	8.09	63	200888	93.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.59%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	336575	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.63	152	277603	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

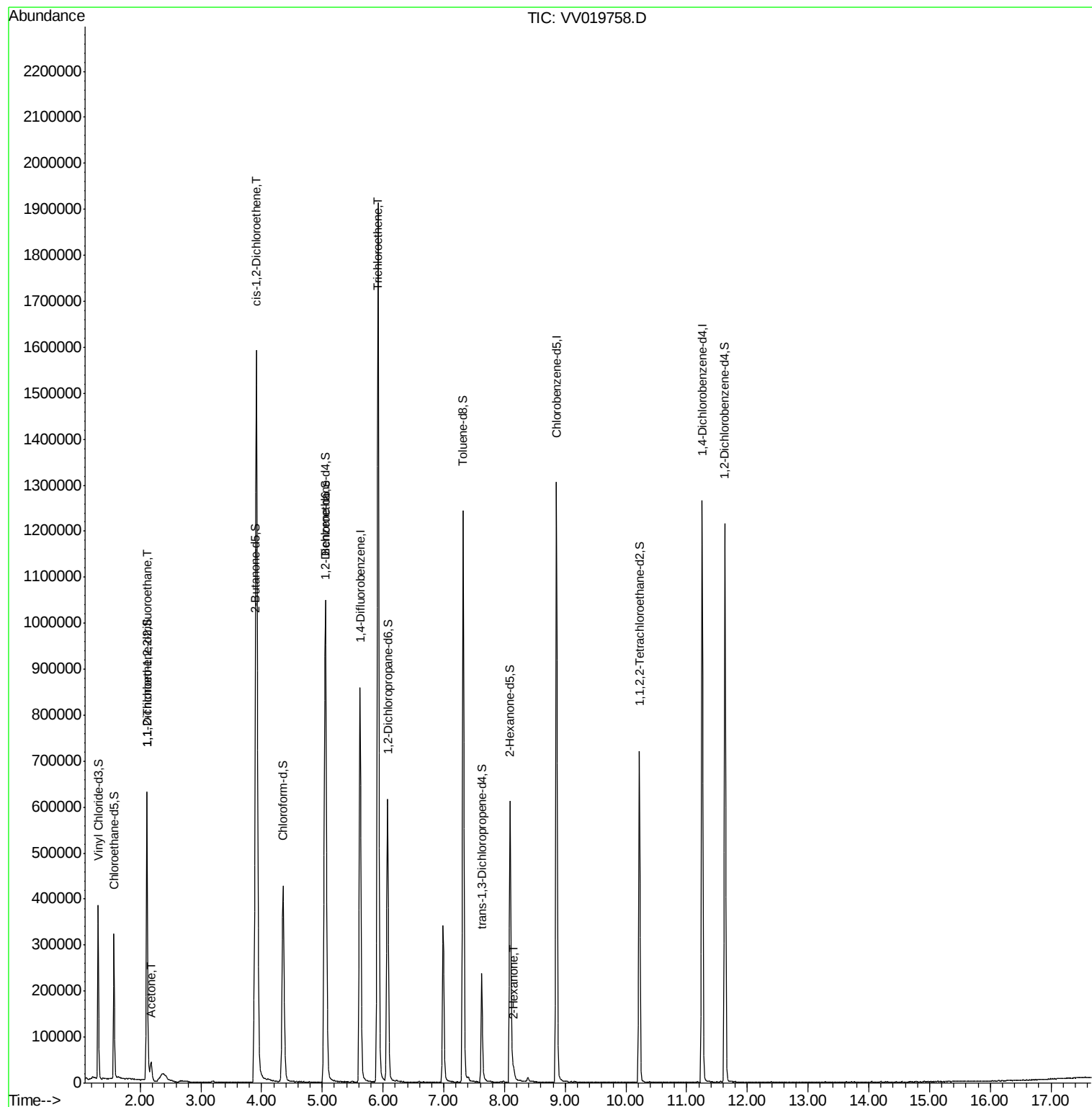
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2947	0.731 ug/L #	22
13) Acetone	2.18	43	54095	23.460 ug/L	100
20) cis-1,2-Dichloroethene	3.92	96	830091	166.526 ug/L #	97
34) Trichloroethene	5.92	95	659762	130.541 ug/L	98
48) 2-Hexanone	8.15	43	11125	2.034 ug/L #	49

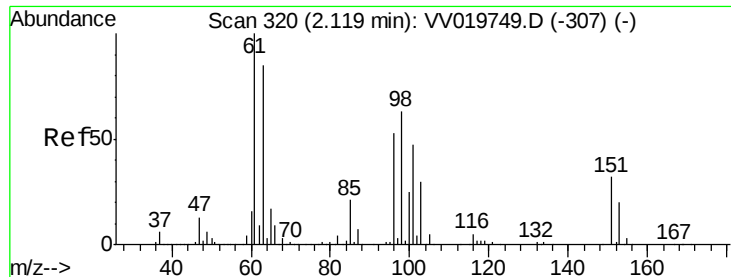
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.731 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019758.D

Acq: 20 Dec 2020 00:48

Instrument :

MSVOA_V

ClientSampled :

F4H09

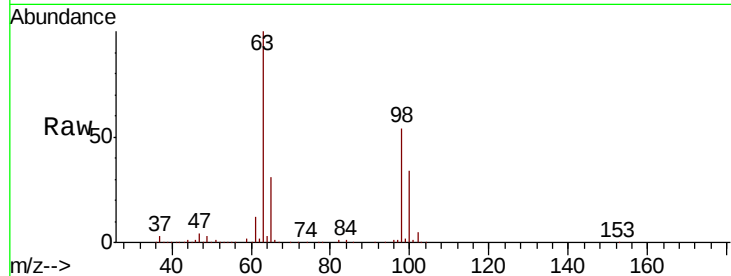
Tot Ion:101 Resp: 2947

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

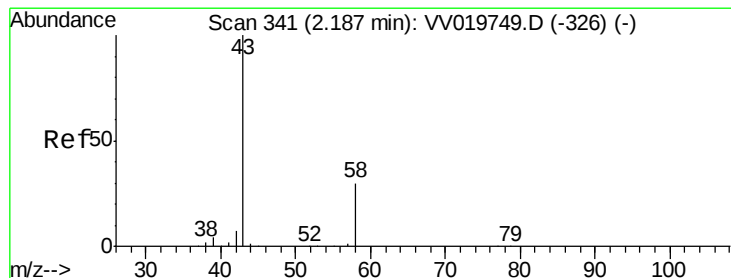
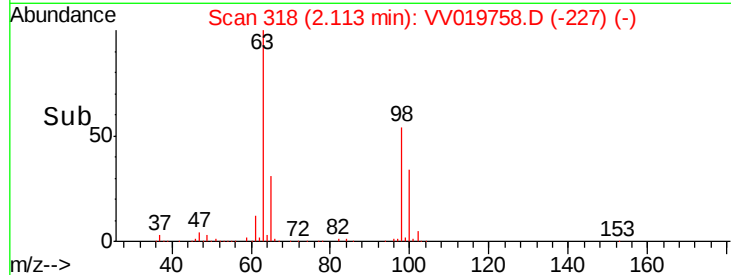
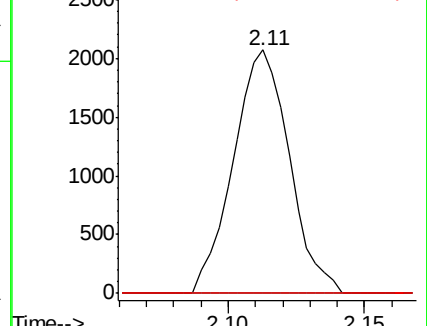
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 23.460 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV019758.D

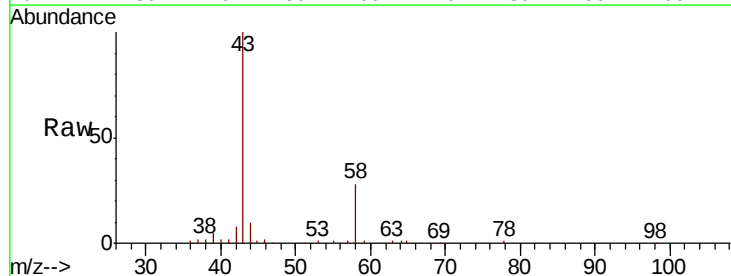
Acq: 20 Dec 2020 00:48

Tgt Ion: 43 Resp: 54095

Ion Ratio Lower Upper

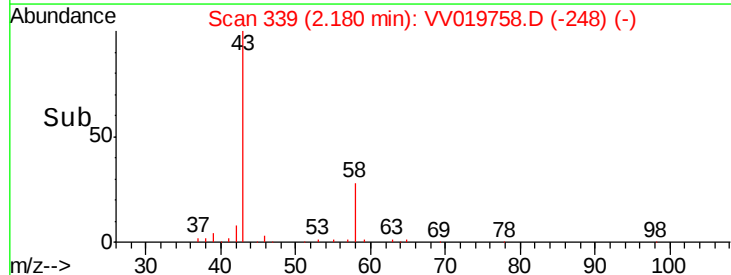
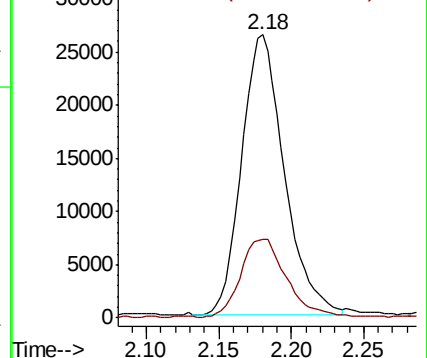
43 100

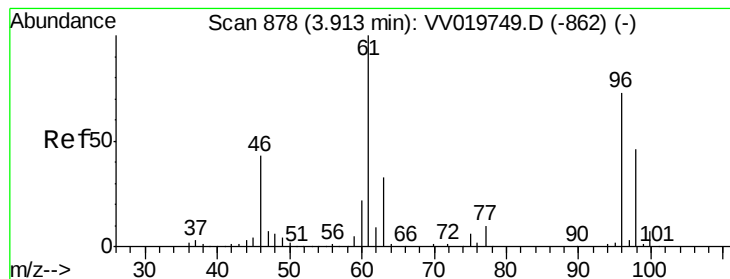
58 30.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 166.526 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.00 min

Lab File: VV019758.D

Acq: 20 Dec 2020 00:48

Instrument :

MSVOA_V

ClientSampleId :

F4H09

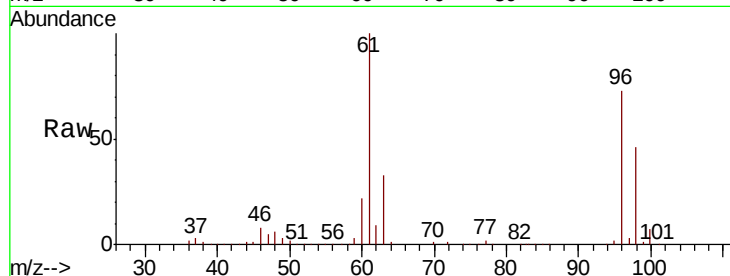
Tot Ion: 96 Resp: 830091

Ion Ratio Lower Upper

96 100

61 137.8 94.1 174.8

68 0.0 0.1 0.1#

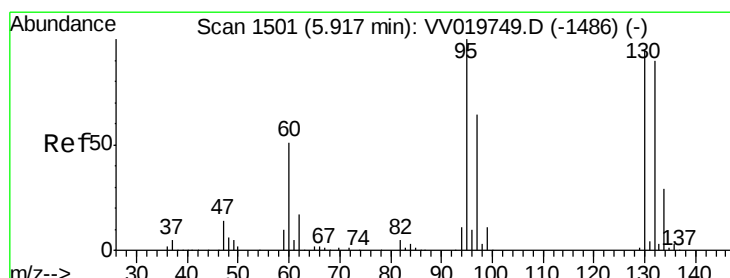
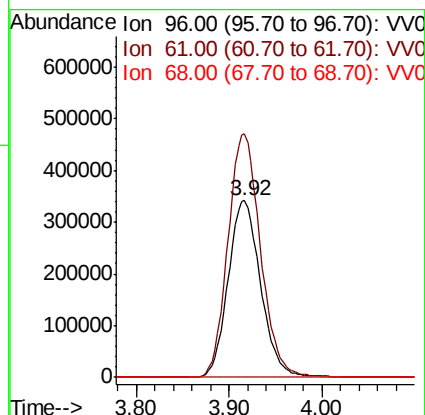
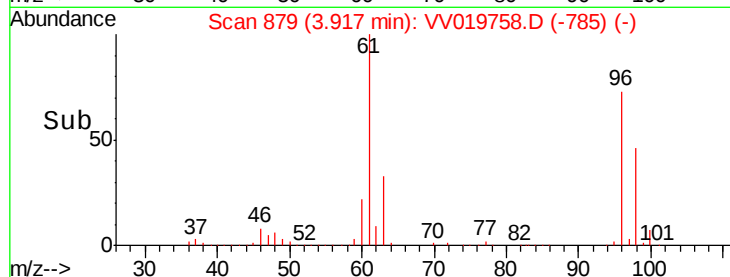


Abundance Ion 96.00 (95.70 to 96.70): VV019749.D (-862) (-)

Ion 61.00 (60.70 to 61.70): VV019749.D (-862) (-)

Ion 68.00 (67.70 to 68.70): VV019749.D (-862) (-)

Time-->



#34

Trichloroethene

Concen: 130.541 ug/L

RT: 5.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VV019758.D

Acq: 20 Dec 2020 00:48

Tgt Ion: 95 Resp: 659762

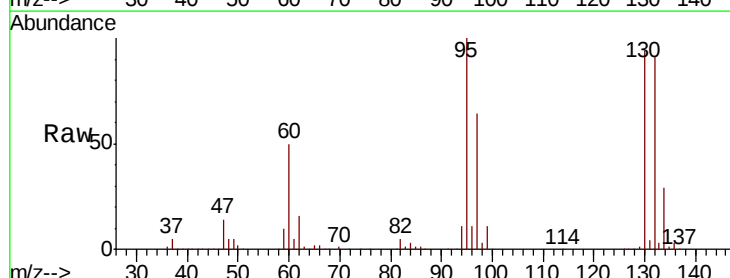
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.4

132 90.7 64.3 119.3

130 93.5 67.8 125.8



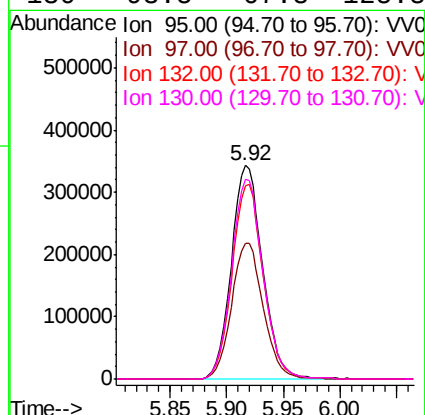
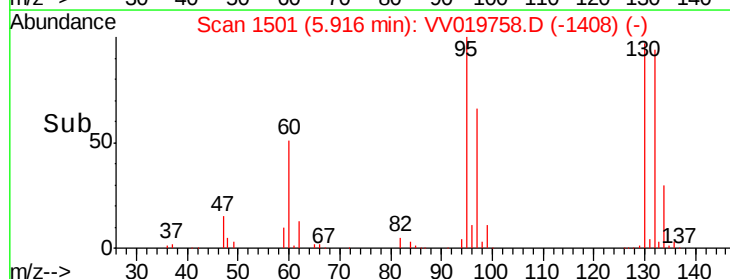
Abundance Ion 95.00 (94.70 to 95.70): VV019749.D (-1486) (-)

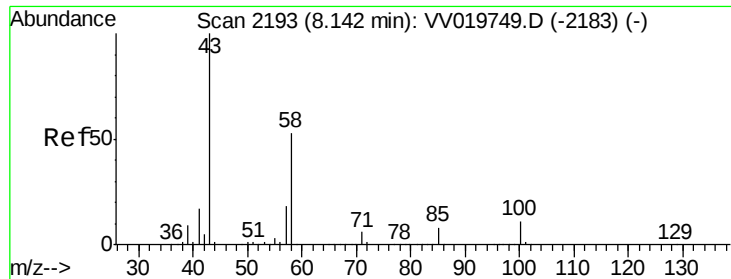
Ion 97.00 (96.70 to 97.70): VV019749.D (-1486) (-)

Ion 132.00 (131.70 to 132.70): VV019749.D (-1486) (-)

Ion 130.00 (129.70 to 130.70): VV019749.D (-1486) (-)

Time-->





#48
 2-Hexanone
 Concen: 2.034 ug/L
 RT: 8.15 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VV019758.D
 Acq: 20 Dec 2020 00:48

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H09

Tot Ion:	43	Resp:	11125
Ion	Ratio	Lower	Upper
43	100		
58	6.7	44.4	66.6#
57	3.8	15.7	23.5#
100	9.9	9.9	14.9

