

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010256.D
 Acq On : 11 Apr 2019 22:26
 Operator : SY/MD
 Sample : VV0411SBL02
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK67

Quant Time: Apr 12 04:48:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270980	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269098	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	128148	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71147	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
7) Chloroethane-d5	1.56	69	69634	25.98	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.92%
10) 1,1-Dichloroethene-d2	2.12	63	138928	17.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.00%
20) 2-Butanone-d5	3.93	46	44501	56.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.74%
24) Chloroform-d	4.40	84	141088	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	88329	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	5.10	84	321570	24.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.12%
33) 1,2-Dichloropropane-d6	6.12	67	93422	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.84%
37) Toluene-d8	7.36	98	309195	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.76%
38) trans-1,3-Dichloropropene-	7.66	79	39774	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.88%
39) 2-Hexanone-d5	8.13	63	35812	53.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	86760	25.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	119067	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds

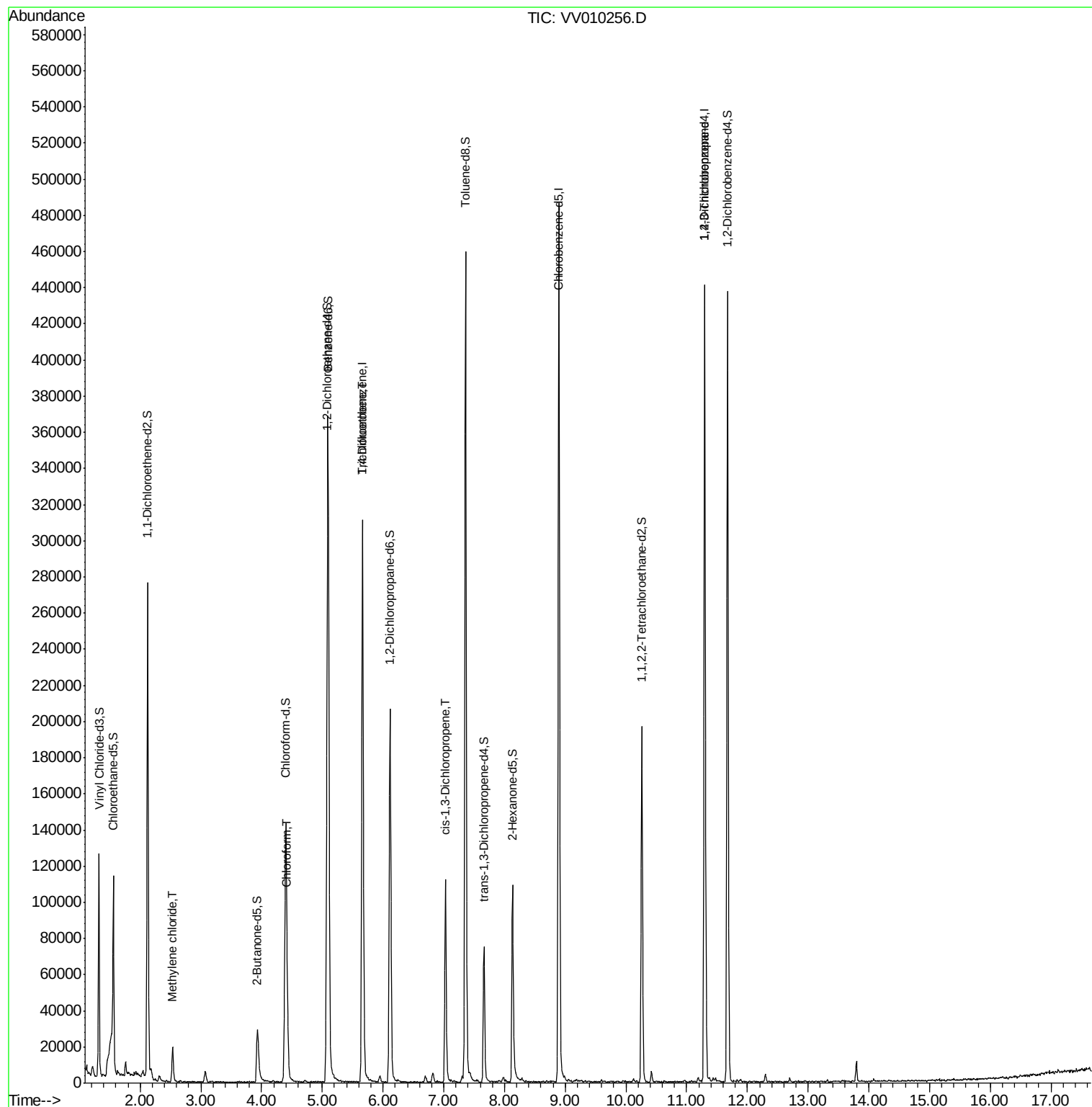
					Qvalue
16) Methylene chloride	2.53	84	8025	1.512 ug/L	99
25) Chloroform	4.43	83	16339	2.462 ug/L	85
35) Trichloroethene	5.67	95	7456	1.892 ug/L #	3
42) cis-1,3-Dichloropropene	7.03	75	3263	0.645 ug/L	83
59) 1,2,3-Trichloropropane	11.30	75	15917	6.180 ug/L	94

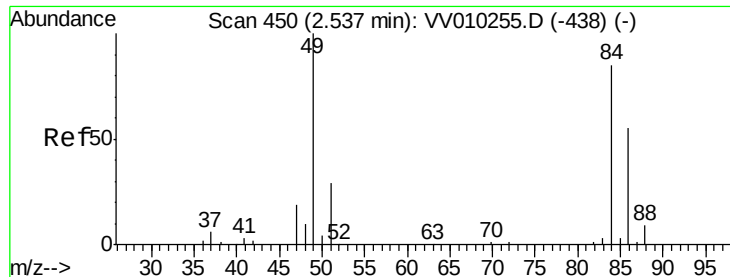
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010256.D
Acq On : 11 Apr 2019 22:26
Operator : SY/MD
Sample : VV0411SBL02
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Quant Time: Apr 12 04:48:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration

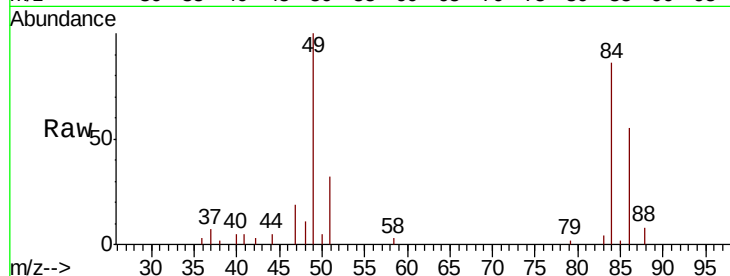




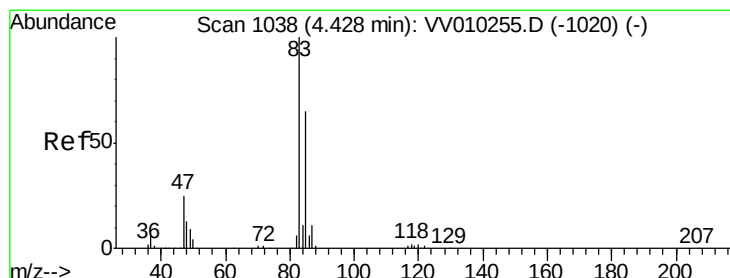
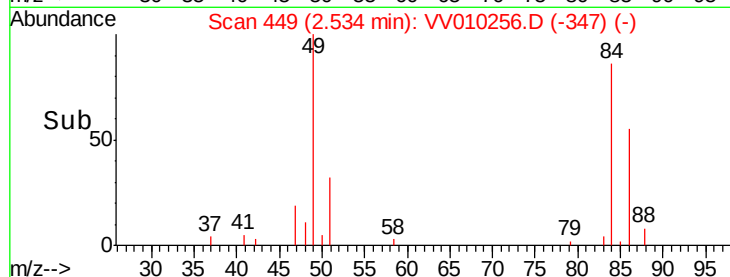
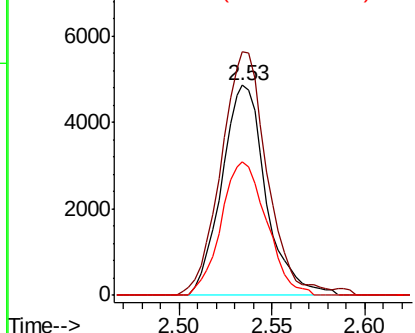
#16
Methylene chloride
Concen: 1.512 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010256.D
Acq: 11 Apr 2019 22:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Tgt Ion: 84 Resp: 8025
Ion Ratio Lower Upper
84 100
49 116.1 79.9 148.5
86 63.9 44.5 82.7

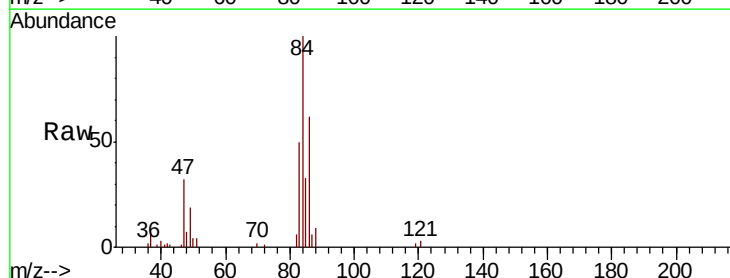


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

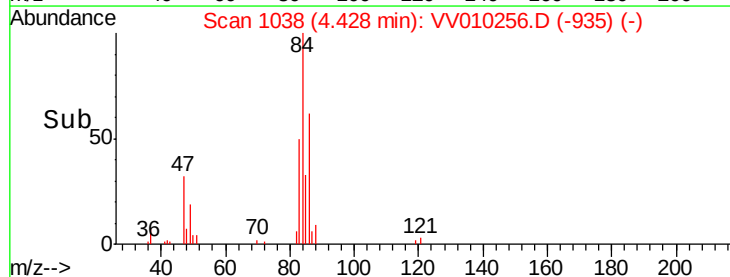
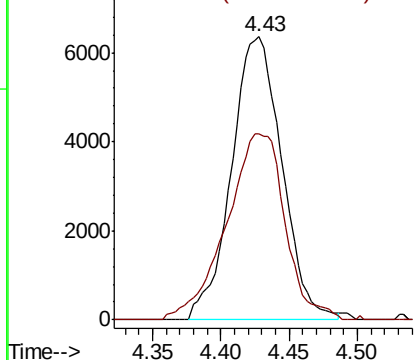


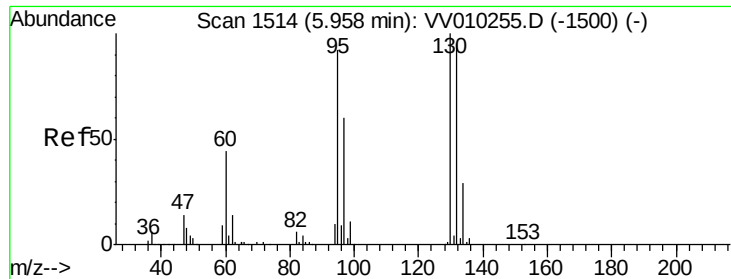
#25
Chloroform
Concen: 2.462 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010256.D
Acq: 11 Apr 2019 22:26

Tgt Ion: 83 Resp: 16339
Ion Ratio Lower Upper
83 100
85 76.5 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0





#35

Trichloroethene

Concen: 1.892 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.30 min

Lab File: VV010256.D

Acq: 11 Apr 2019 22:26

Instrument :

MSVOA_V

ClientSampleId :

VBLK67

Tgt Ion: 95 Resp: 7456

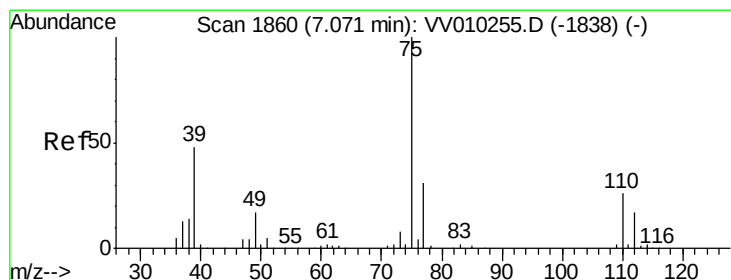
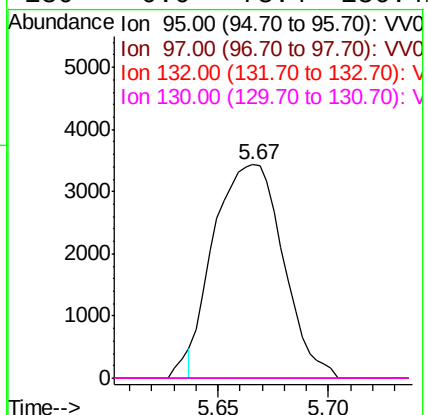
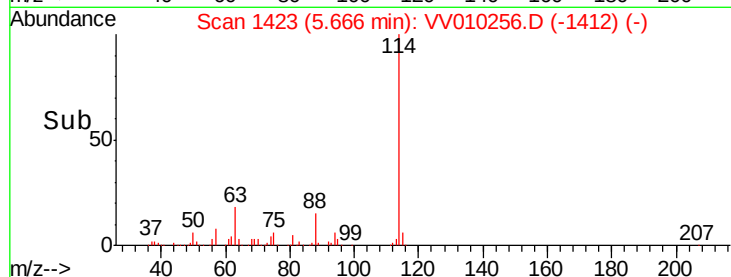
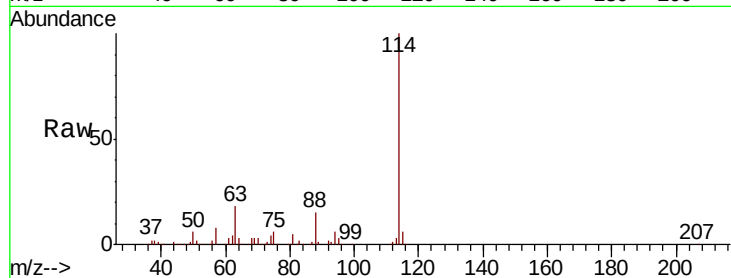
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 71.3 132.3#

130 0.0 73.4 136.4#



#42

cis-1,3-Dichloropropene

Concen: 0.645 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV010256.D

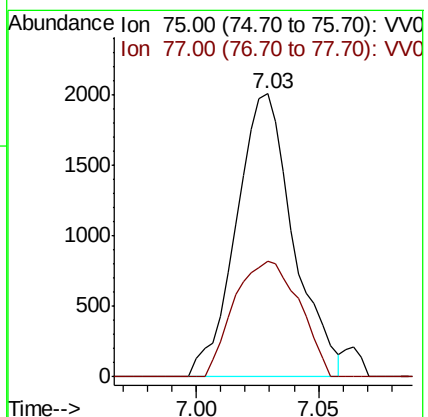
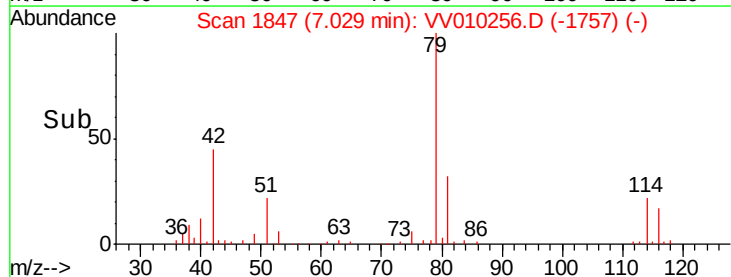
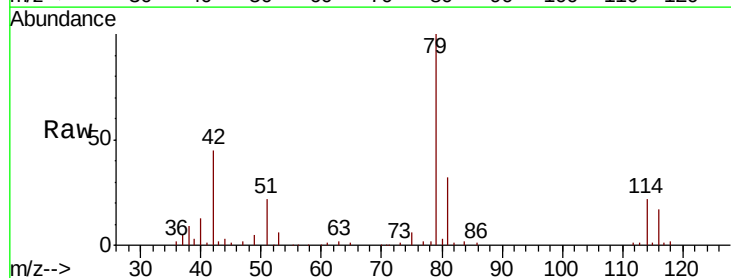
Acq: 11 Apr 2019 22:26

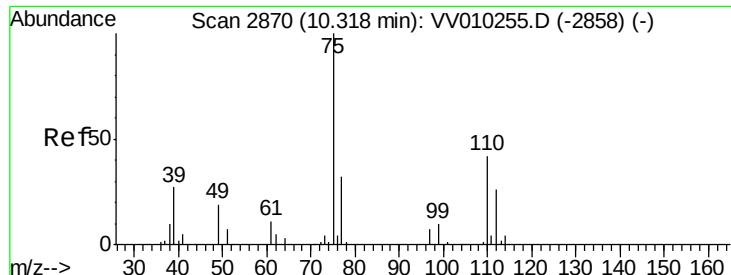
Tgt Ion: 75 Resp: 3263

Ion Ratio Lower Upper

75 100

77 40.7 21.9 40.7





#59
 1,2,3-Trichloropropane
 Concen: 6.180 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010256.D
 Acq: 11 Apr 2019 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK67

Tgt Ion: 75 Resp: 15917
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.9 40.3

