

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062147.D
 Acq On : 06 Dec 2024 21:23
 Operator : MD/SY
 Sample : P5107-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJ81

Quant Time: Dec 07 01:02:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

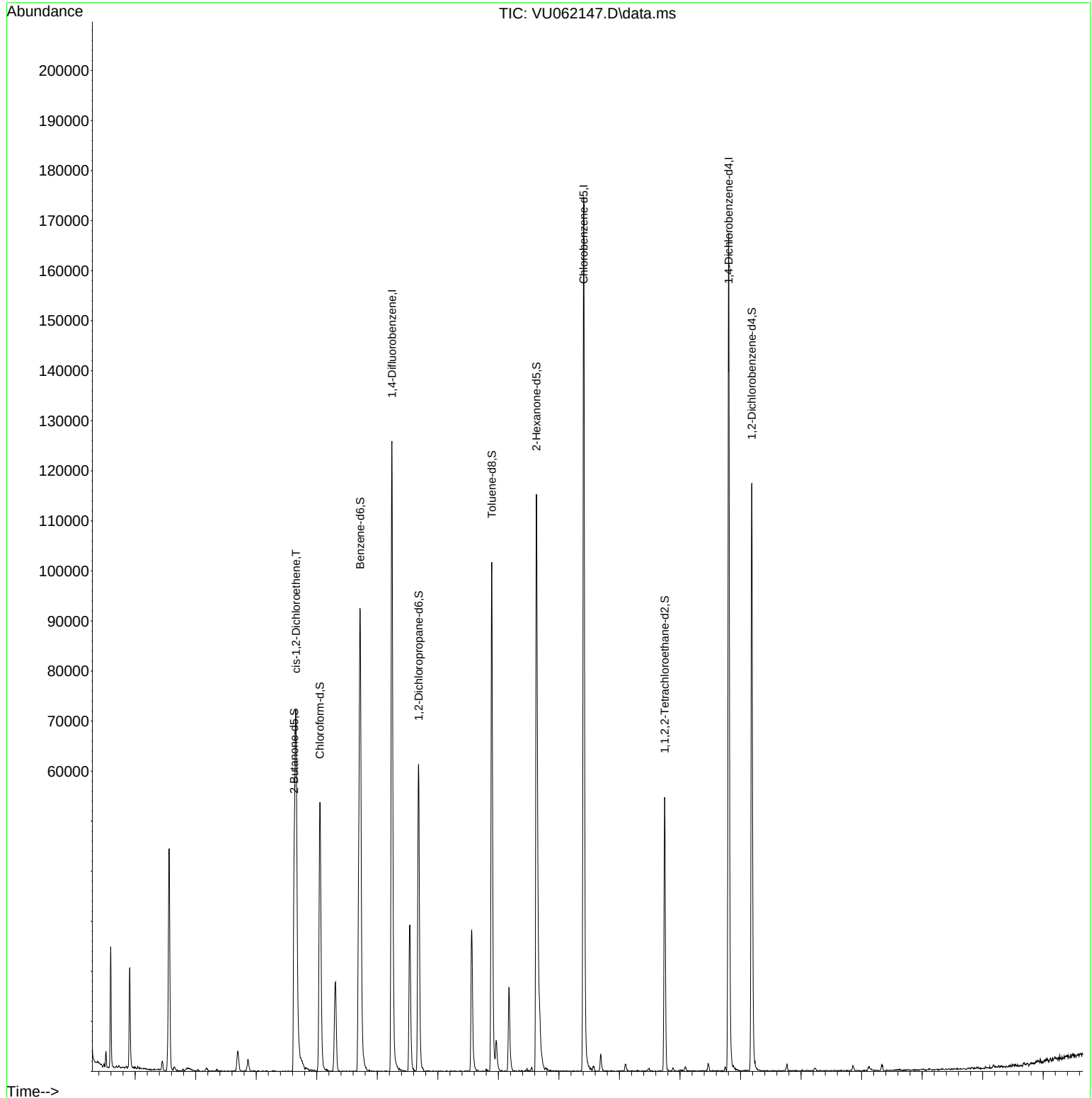
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	107991	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16314	3.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.911	69	14323	3.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.200%#
11) 1,1-Dichloroethene-d2	2.563	65	8447	3.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.627	46	60065	36.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.220%
24) Chloroform-d	5.052	84	54141	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.692	65	29447	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.717	84	88595	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.682	67	30145	4.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	72872	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	11528	4.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	42033	36.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.760%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26220	3.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	33442	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
3) Chloromethane	1.515	50	2003	0.206	ug/L	95
19) 1,1-Dichloroethane	3.865	63	3251	0.218	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	33316	3.867	ug/L	91
29) 1,1,1-Trichloroethane	5.309	97	14725	1.254	ug/L	93
34) Trichloroethene	6.534	95	11205	1.365	ug/L	97
42) Toluene	7.965	91	5367	0.166	ug/L	100

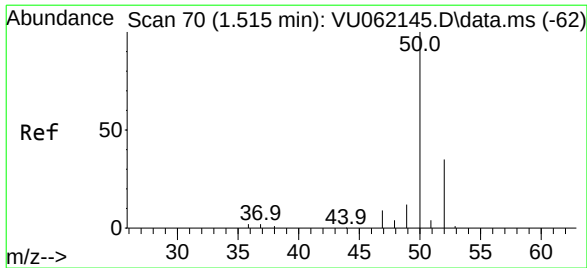
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
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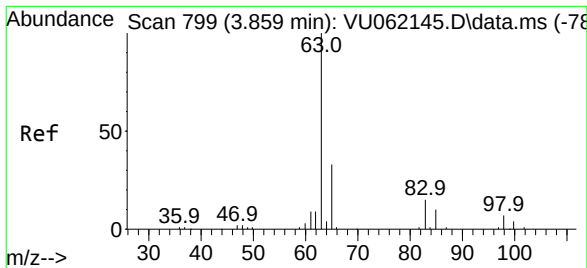
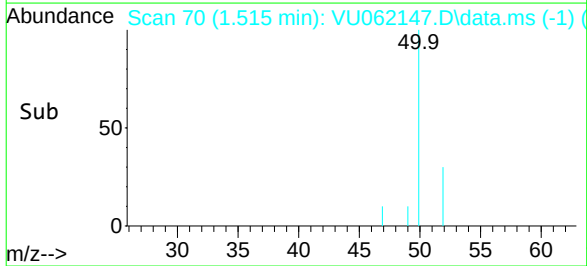
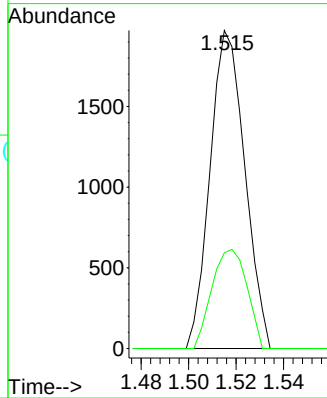
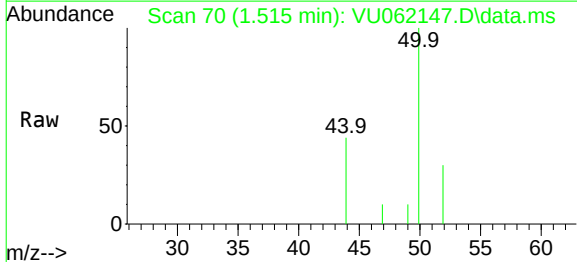




#3
Chloromethane
Concen: 0.206 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

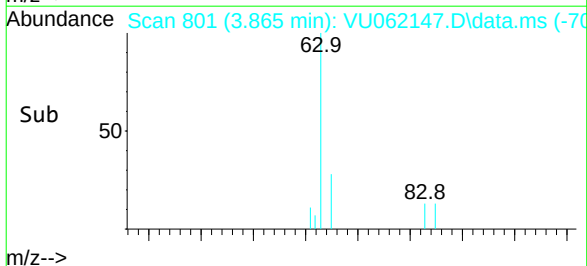
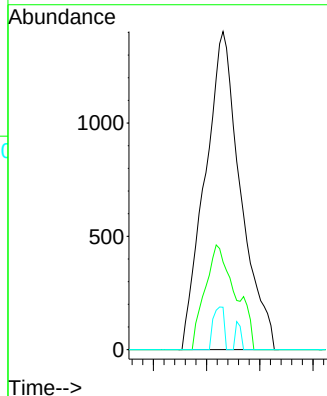
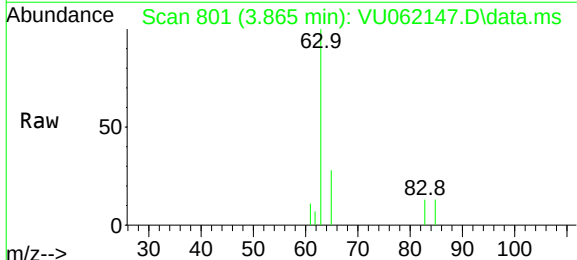
Instrument :
MSVOA_U
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BHJ81

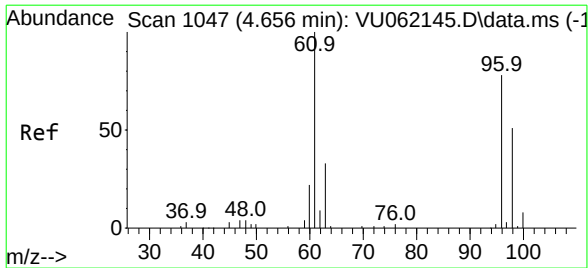
Tgt Ion: 50 Resp: 2003
Ion Ratio Lower Upper
50 100
52 30.1 23.1 42.9



#19
1,1-Dichloroethane
Concen: 0.218 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

Tgt Ion: 63 Resp: 3251
Ion Ratio Lower Upper
63 100
65 27.6 22.7 42.3
83 13.3 9.9 18.3

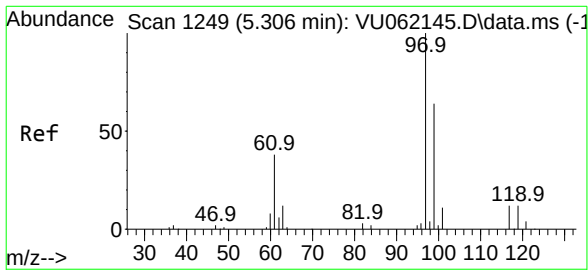
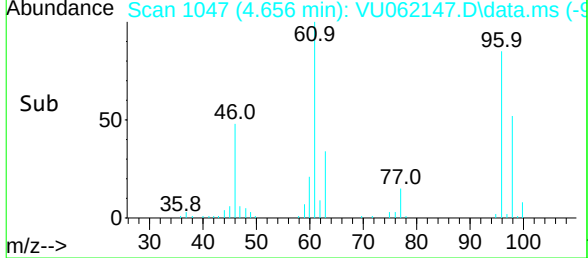
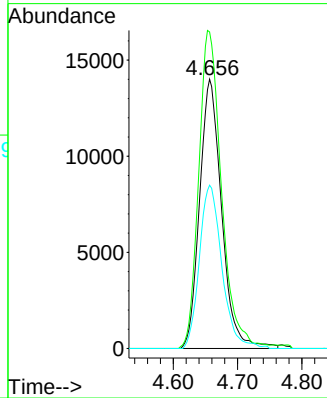
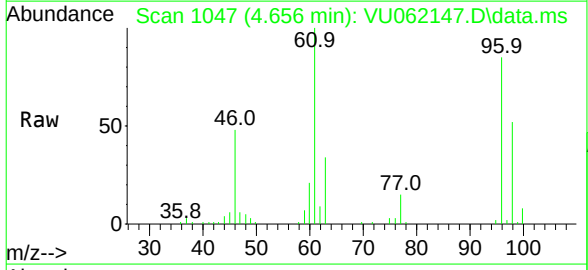




#22
 cis-1,2-Dichloroethene
 Concen: 3.867 ug/L
 RT: 4.656 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VU062147.D
 Acq: 06 Dec 2024 21:23

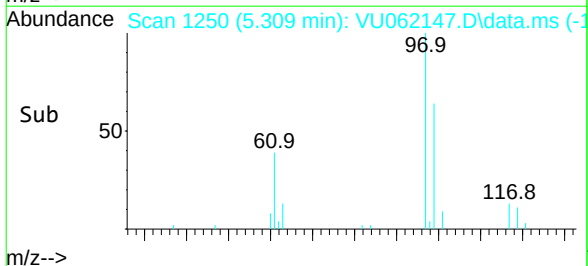
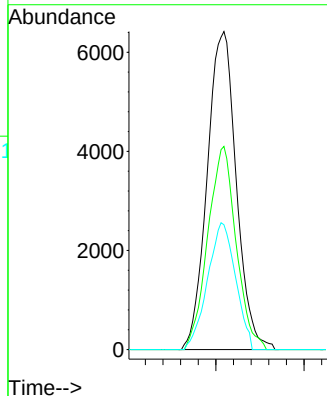
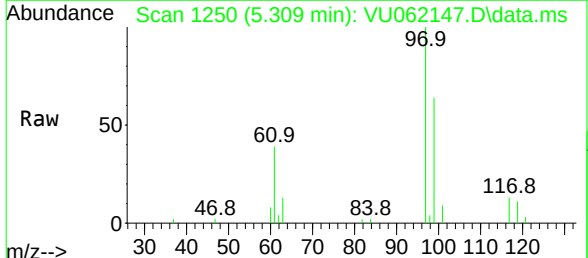
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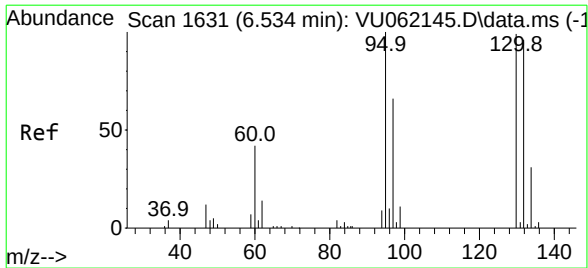
Tgt Ion:	96	Resp:	33316
Ion	Ratio	Lower	Upper
96	100		
61	117.5	92.0	170.8
98	60.6	44.5	82.7



#29
 1,1,1-Trichloroethane
 Concen: 1.254 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.003 min
 Lab File: VU062147.D
 Acq: 06 Dec 2024 21:23

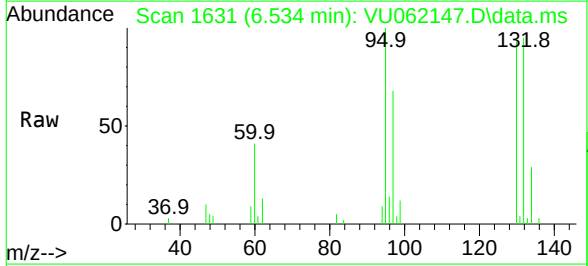
Tgt Ion:	97	Resp:	14725
Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.4	77.2
61	38.2	37.8	56.6



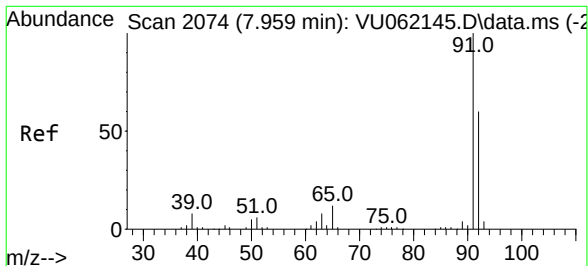
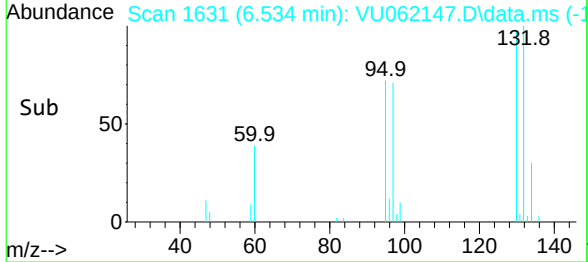
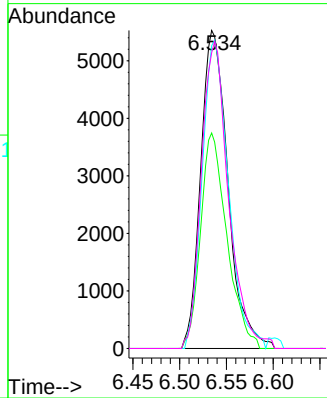


#34
Trichloroethene
Concen: 1.365 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

Instrument :
MSVOA_U
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Tgt Ion	95	Resp	11205
Ion	Ratio	Lower	Upper
95	100		
97	67.7	45.9	85.3
132	95.2	63.8	118.4
130	93.0	65.5	121.7



#42
Toluene
Concen: 0.166 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU062147.D
Acq: 06 Dec 2024 21:23

Tgt Ion	91	Resp	5367
Ion	Ratio	Lower	Upper
91	100		
92	55.5	39.0	72.4

