

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057240.D
 Acq On : 26 Dec 2023 17:33
 Operator : MD/SY
 Sample : 05927-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWC6

Quant Time: Dec 26 23:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

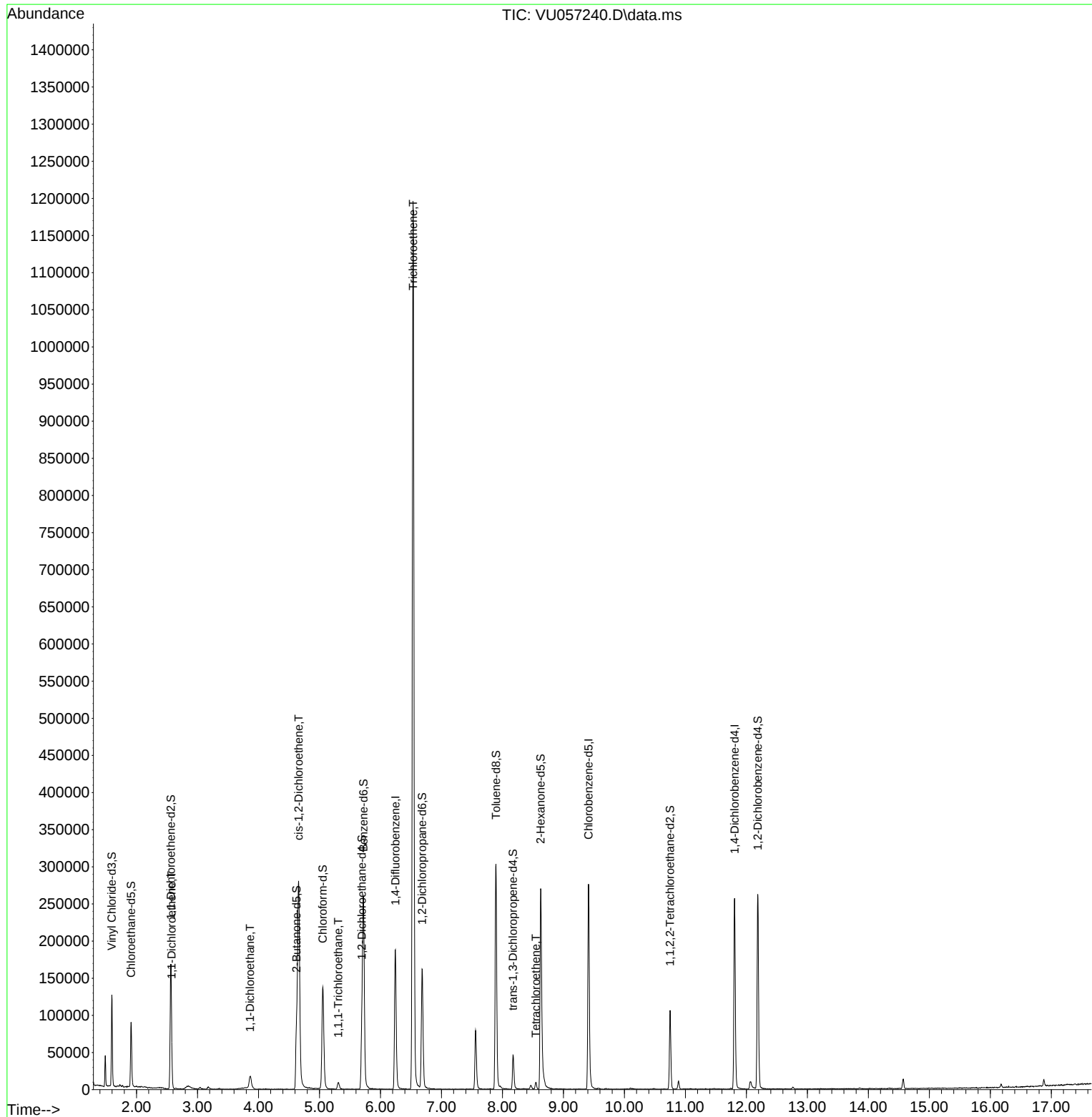
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	150337	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84297	5.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.400%
7) Chloroethane-d5	1.911	69	66956	5.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.563	65	32694	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.624	46	118134	52.362	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.720%
24) Chloroform-d	5.055	84	132279	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	64717	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	247434	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	77289	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	209949	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	28529	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.627	63	93707	43.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51944	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	69259	4.539	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	3132	0.279	ug/L	# 1
19) 1,1-Dichloroethane	3.862	63	18121	0.833	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	141108	11.690	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	7139	0.291	ug/L	98
34) Trichloroethene	6.534	95	430270	30.063	ug/L	98
47) Tetrachloroethene	8.550	164	2107	0.205	ug/L	93

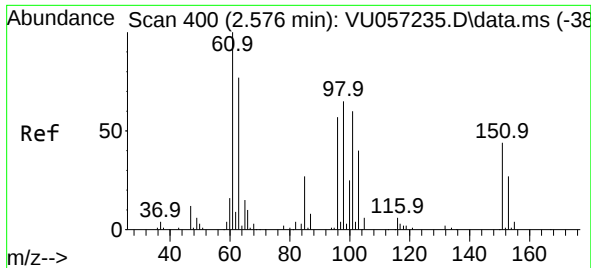
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.279 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU057240.D

Acq: 26 Dec 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

BGWC6

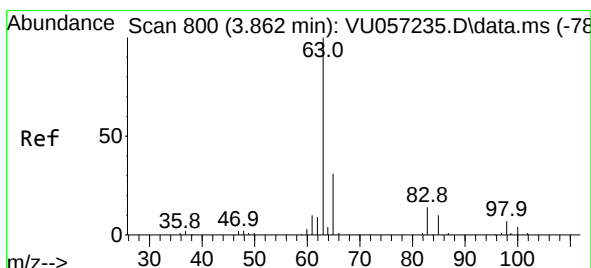
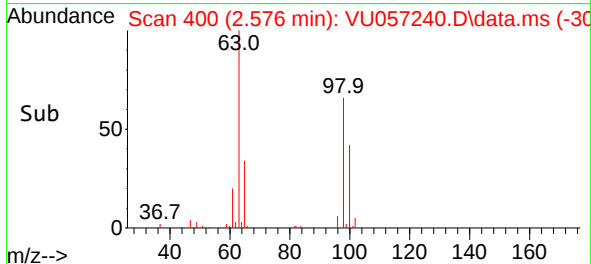
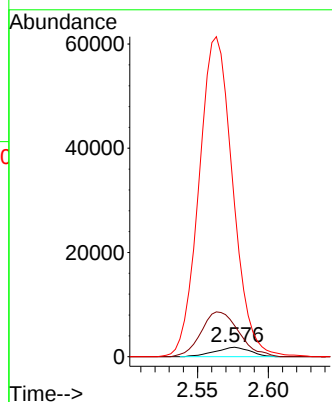
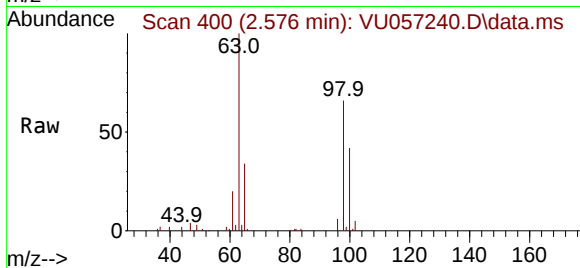
Tgt Ion: 96 Resp: 3132

Ion Ratio Lower Upper

96 100

61 329.1 119.6 222.0#

63 1605.3 96.2 178.8#



#19

1,1-Dichloroethane

Concen: 0.833 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057240.D

Acq: 26 Dec 2023 17:33

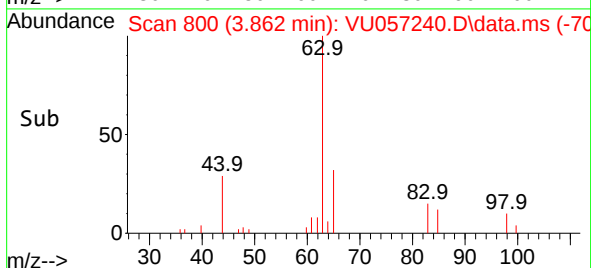
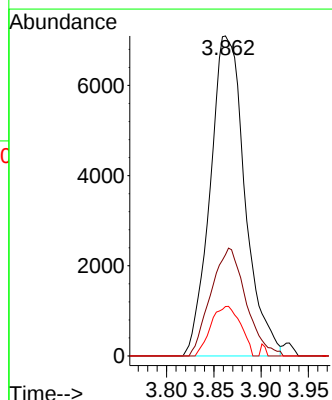
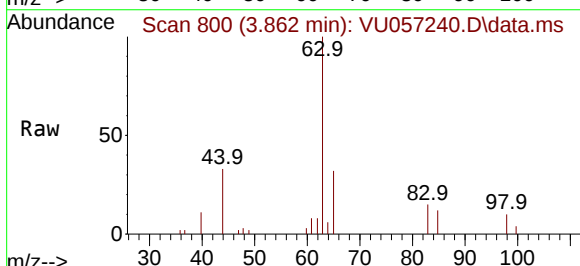
Tgt Ion: 63 Resp: 18121

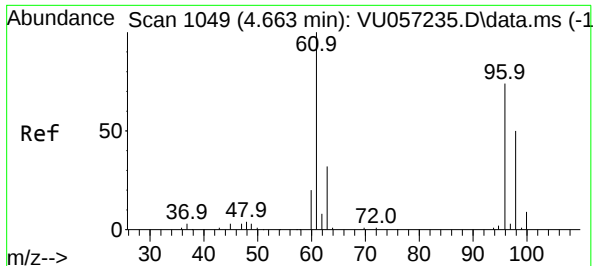
Ion Ratio Lower Upper

63 100

65 31.7 21.6 40.2

83 15.4 10.2 19.0

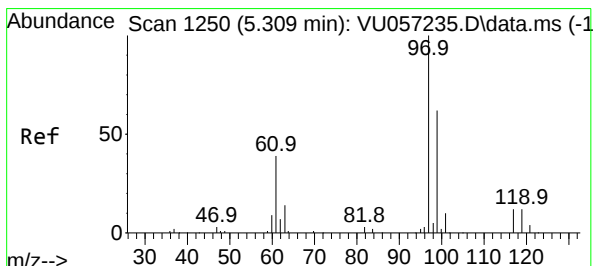
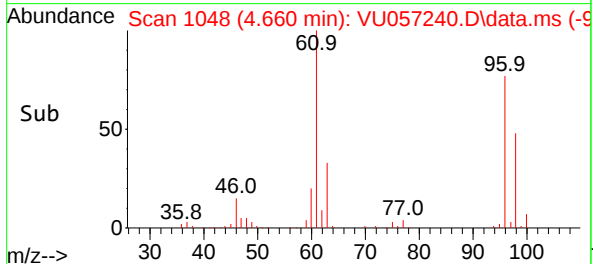
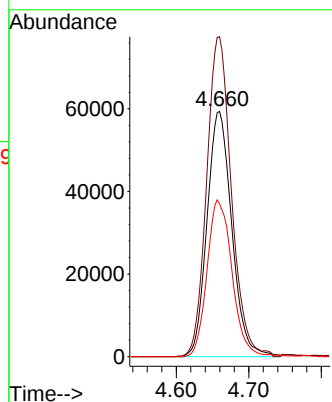
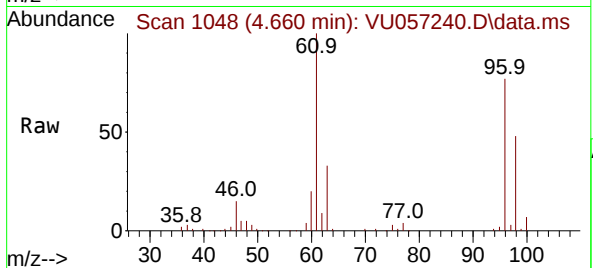




#22
 cis-1,2-Dichloroethene
 Concen: 11.690 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU057240.D
 Acq: 26 Dec 2023 17:33

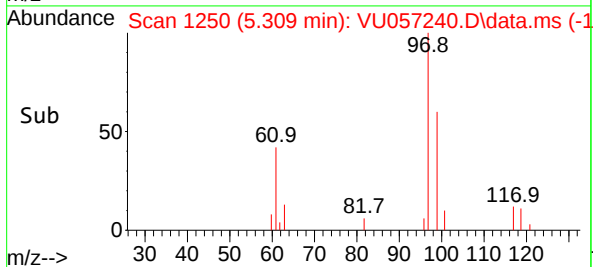
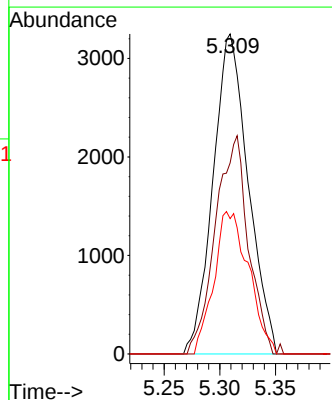
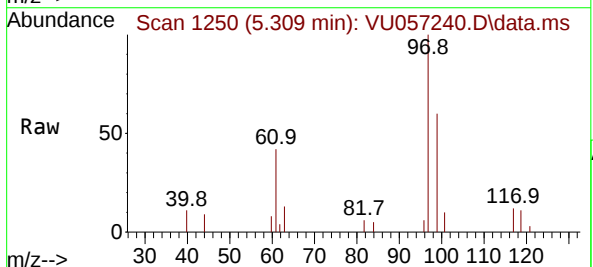
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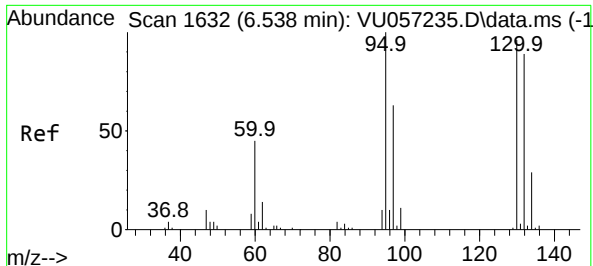
Tgt Ion: 96 Resp: 141108
 Ion Ratio Lower Upper
 96 100
 61 130.5 86.8 161.2
 98 62.4 45.5 84.5



#29
 1,1,1-Trichloroethane
 Concen: 0.291 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU057240.D
 Acq: 26 Dec 2023 17:33

Tgt Ion: 97 Resp: 7139
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.2 76.8
 61 44.0 32.5 48.7



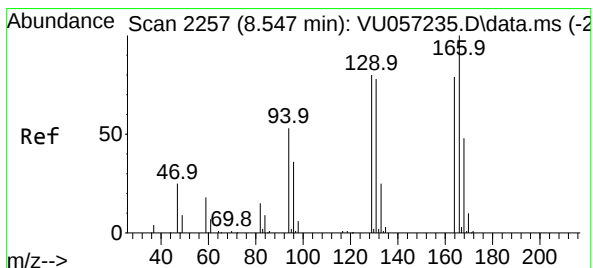
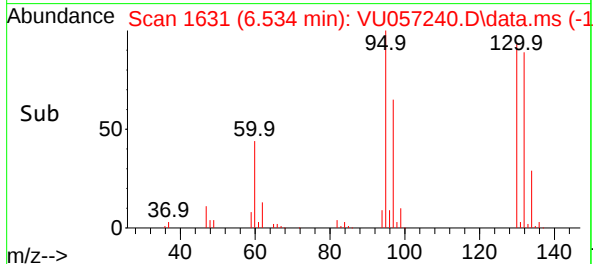
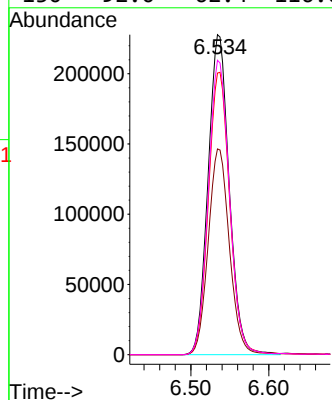
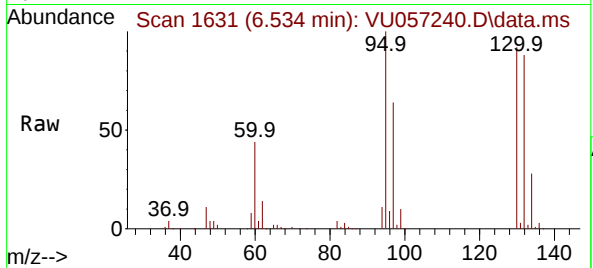


#34
Trichloroethene
Concen: 30.063 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057240.D
Acq: 26 Dec 2023 17:33

Instrument :
MSVOA_U
ClientSampleId :
BGWC6

Tgt Ion: 95 Resp: 430270

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.3	82.3
132	88.0	62.6	116.2
130	92.0	62.4	116.0



#47
Tetrachloroethene
Concen: 0.205 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057240.D
Acq: 26 Dec 2023 17:33

Tgt Ion: 164 Resp: 2107

Ion	Ratio	Lower	Upper
164	100		
129	99.9	72.9	135.3
131	90.7	71.7	133.3
166	117.6	87.7	162.9

