

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055205.D
 Acq On : 07 Sep 2023 23:20
 Operator : MD/SY
 Sample : 04306-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H3

Quant Time: Sep 08 06:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

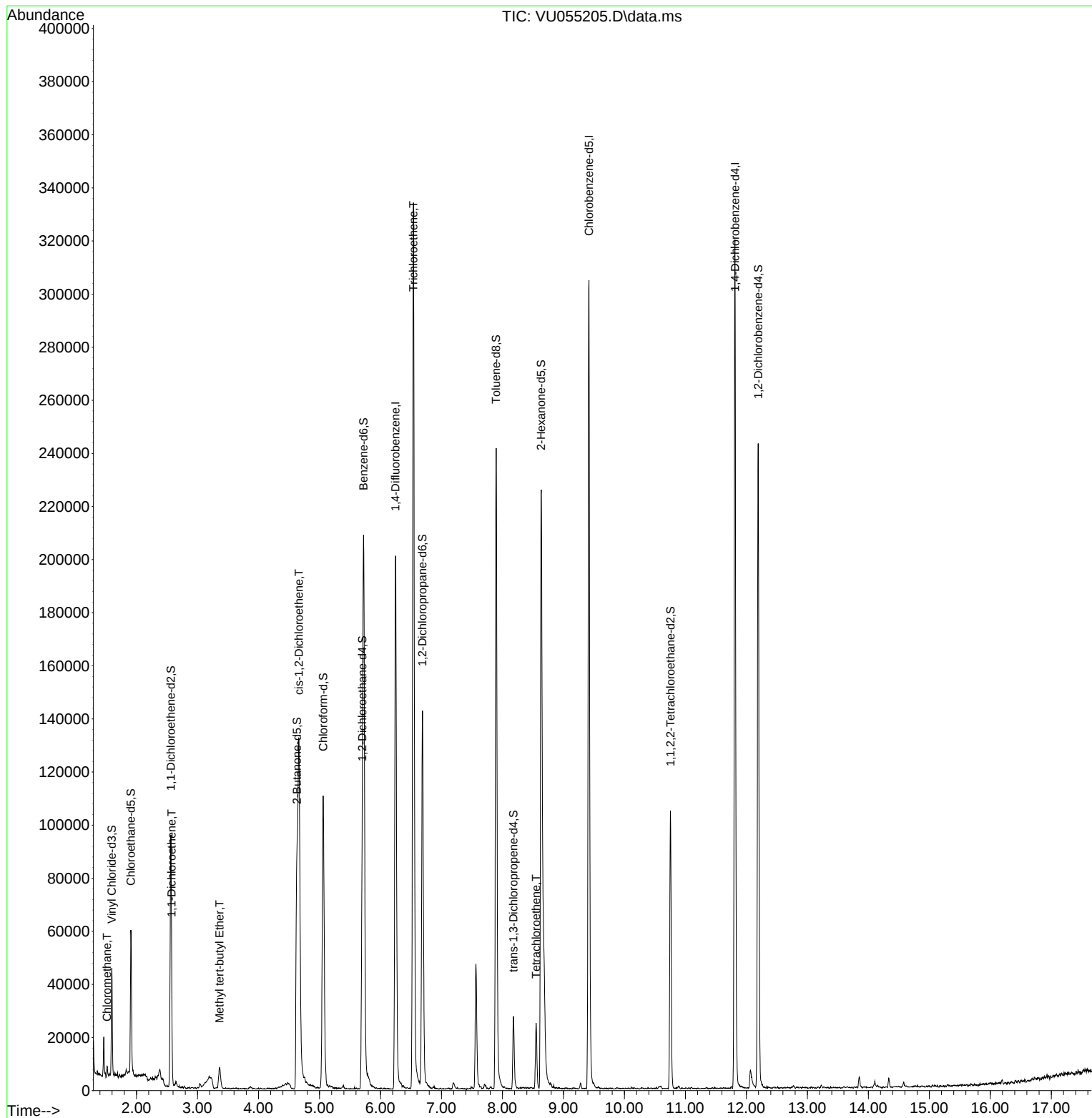
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	156582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	164508	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	80746	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27082	3.690	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.800%	
7) Chloroethane-d5	1.907	69	37351	4.397	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.563	65	17870	4.274	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	4.631	46	135354	63.557	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.120%	
24) Chloroform-d	5.062	84	101837	5.229	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.701	65	53288	5.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	5.724	84	190556	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.689	67	65354	5.060	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.897	98	164389	4.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	8.180	79	15035	4.227	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.634	63	70442	48.783	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.560%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51045	5.620	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	60880	5.165	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
3) Chloromethane	1.518	50	3073	0.332	ug/L	97
12) 1,1-Dichloroethene	2.576	96	1484	0.205	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	7923	0.417	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	53697	5.973	ug/L	96
34) Trichloroethene	6.541	95	116277	11.950	ug/L	93
47) Tetrachloroethene	8.553	164	4952	0.736	ug/L	88

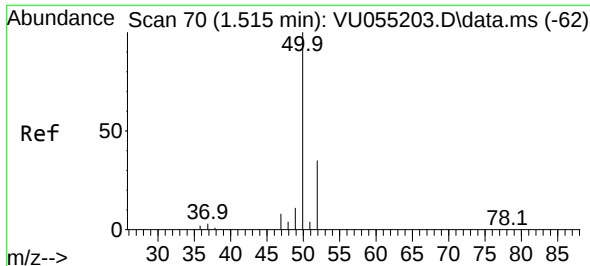
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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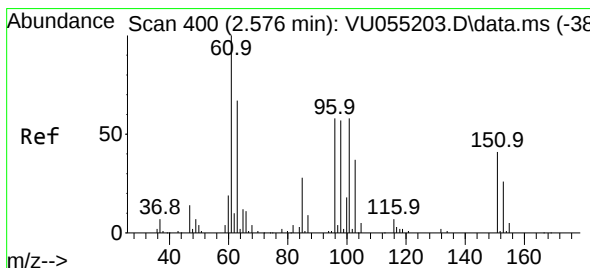
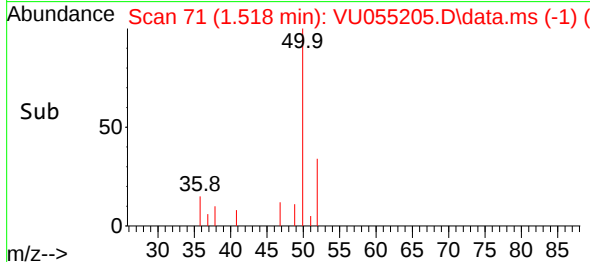
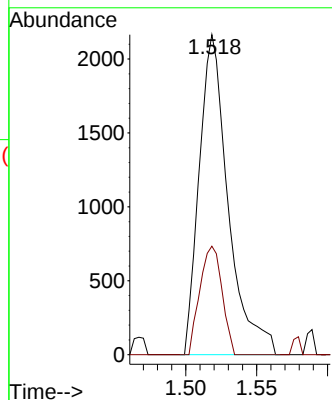
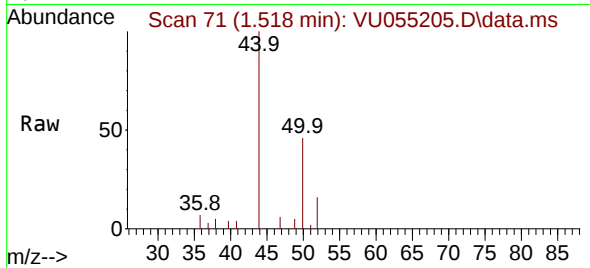




#3
Chloromethane
Concen: 0.332 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055205.D
Acq: 07 Sep 2023 23:20

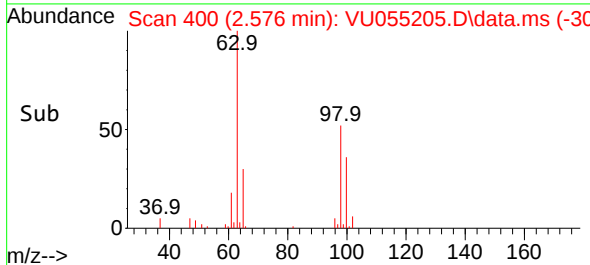
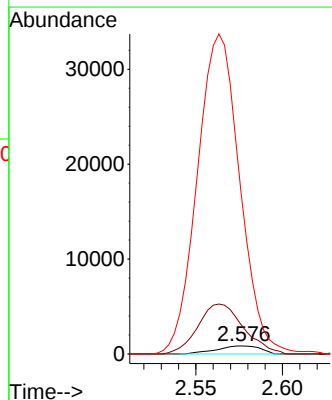
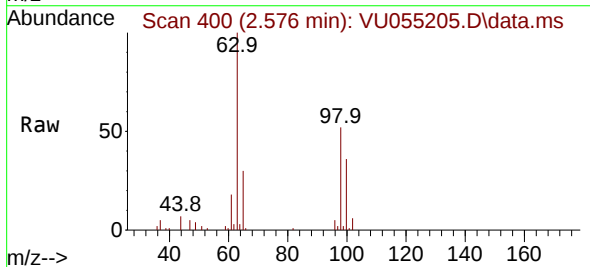
Instrument :
MSVOA_U
ClientSampleId :
BH4H3

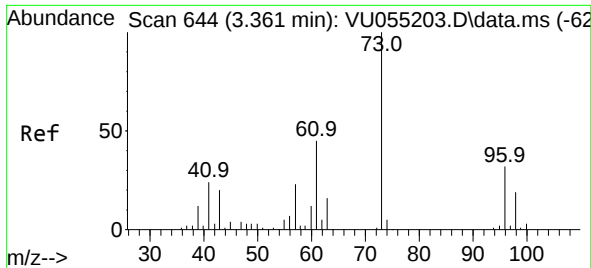
Tgt Ion: 50 Resp: 3073
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.205 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055205.D
Acq: 07 Sep 2023 23:20

Tgt Ion: 96 Resp: 1484
Ion Ratio Lower Upper
96 100
61 365.0 120.8 224.4#
63 2008.6 94.5 175.5#

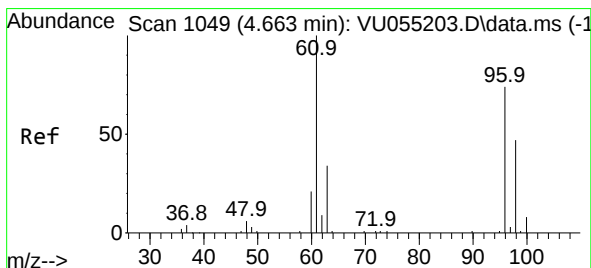
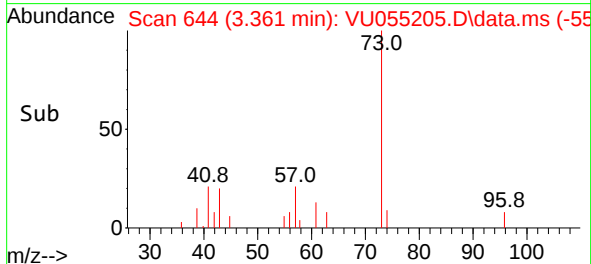
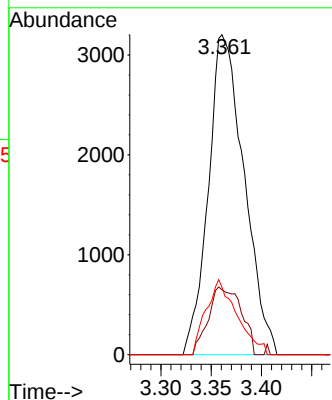
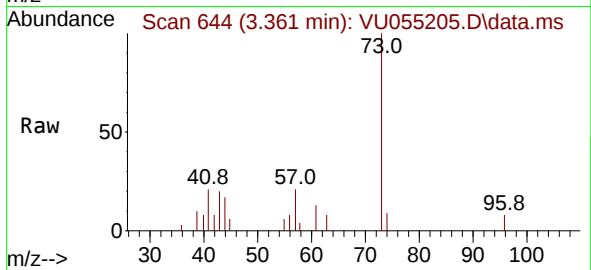




#17
Methyl tert-butyl Ether
Concen: 0.417 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055205.D
Acq: 07 Sep 2023 23:20

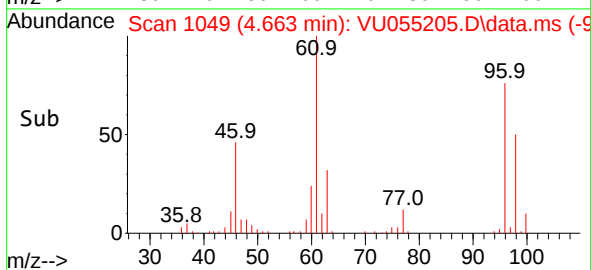
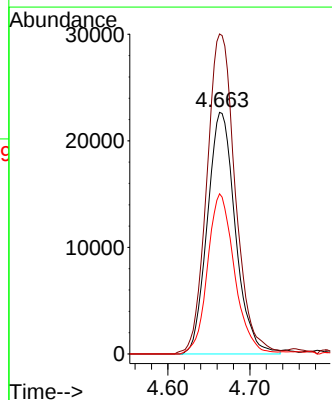
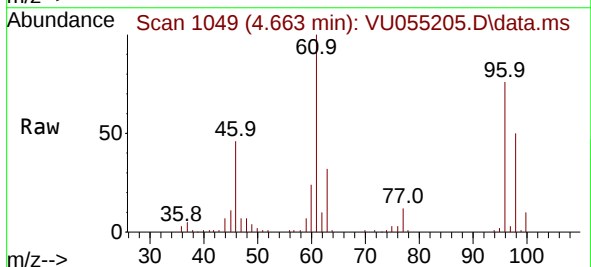
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MSVOA_U
ClientSampleId :
BH4H3

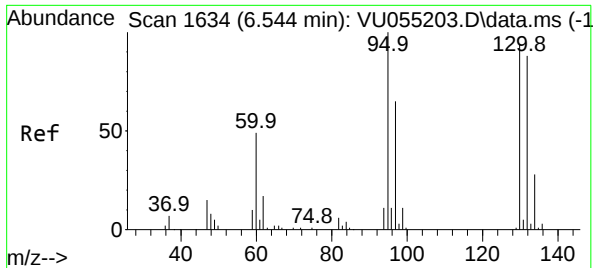
Tgt Ion: 73	Resp:	7923	
Ion	Ratio	Lower	Upper
73	100		
43	19.4	16.2	24.2
57	20.3	17.4	26.2



#22
cis-1,2-Dichloroethene
Concen: 5.973 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055205.D
Acq: 07 Sep 2023 23:20

Tgt Ion: 96	Resp:	53697	
Ion	Ratio	Lower	Upper
96	100		
61	132.4	97.2	180.4
98	66.3	46.1	85.7





#34

Trichloroethene

Concen: 11.950 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055205.D

Acq: 07 Sep 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

BH4H3

Tgt Ion: 95 Resp: 116277

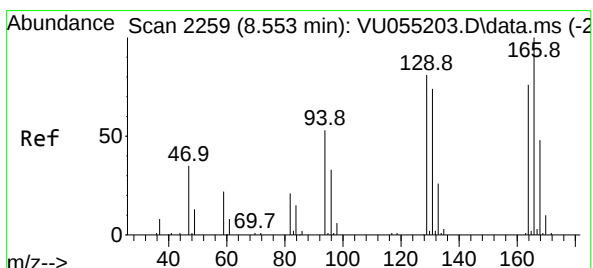
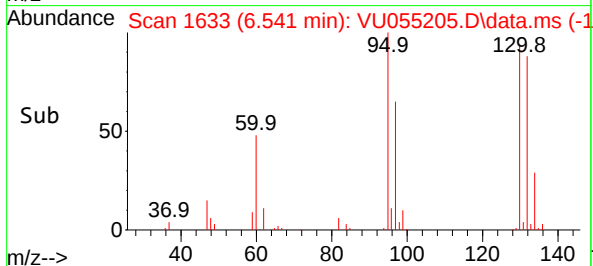
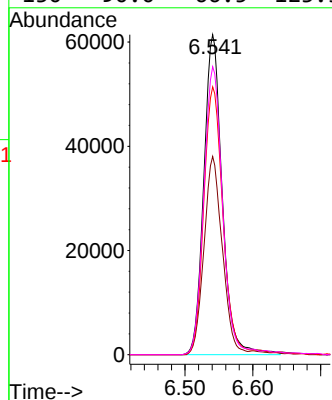
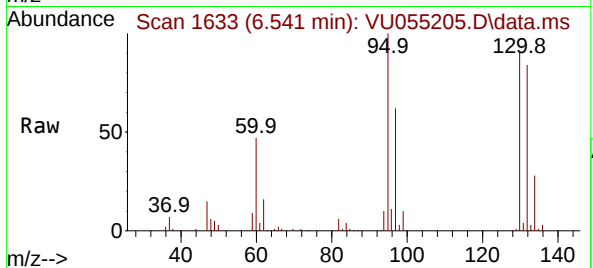
Ion Ratio Lower Upper

95 100

97 61.9 44.7 83.1

132 83.7 66.6 123.6

130 90.0 66.5 123.5



#47

Tetrachloroethene

Concen: 0.736 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU055205.D

Acq: 07 Sep 2023 23:20

Tgt Ion:164 Resp: 4952

Ion Ratio Lower Upper

164 100

129 120.1 69.2 128.6

131 105.5 68.8 127.8

166 140.9 92.3 171.5

