

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037451.D
 Acq On : 20 Sep 2024 23:43
 Operator : SY/MD
 Sample : P4107-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B30

Quant Time: Sep 21 04:53:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

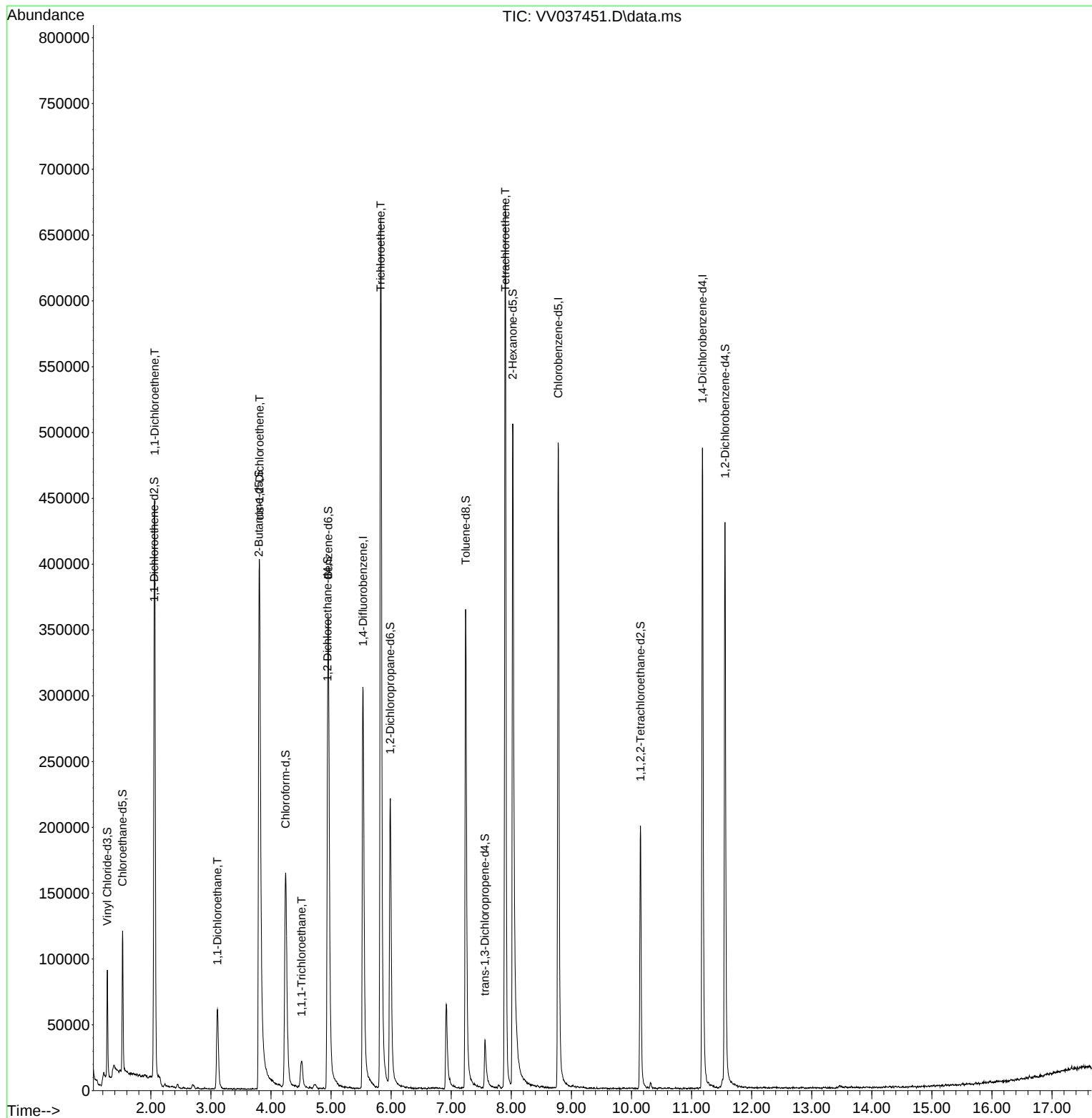
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	285522	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	299430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	135354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51944	3.101	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.000%	
7) Chloroethane-d5	1.529	69	69636	3.987	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.053	65	28924	3.344	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.799	46	258149	51.567	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.140%	
24) Chloroform-d	4.243	84	183867	4.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	4.941	65	92913	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	4.953	84	330862	4.121	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	5.986	67	117944	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.240	98	267994	3.705	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.000%	
43) trans-1,3-Dichloroprop...	7.561	79	28151	3.428	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.600%	
46) 2-Hexanone-d5	8.024	63	203922	50.823	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.640%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103747	5.099	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	11.558	152	117160	4.869	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.063	96	96157	4.806	ug/L	98
19) 1,1-Dichloroethane	3.108	63	65945	1.640	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	165328	7.265	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	17815	0.502	ug/L	95
34) Trichloroethene	5.828	95	251720	10.354	ug/L	98
47) Tetrachloroethene	7.899	164	150871	8.670	ug/L	99

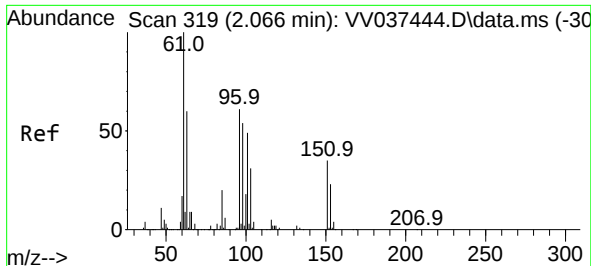
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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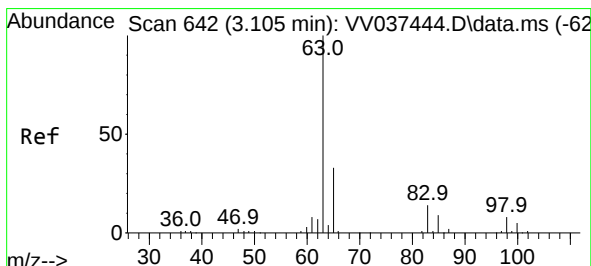
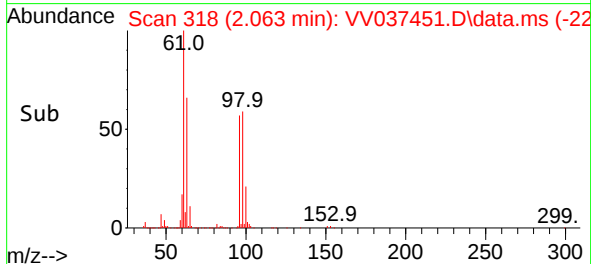
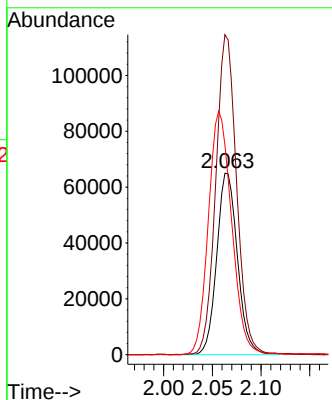
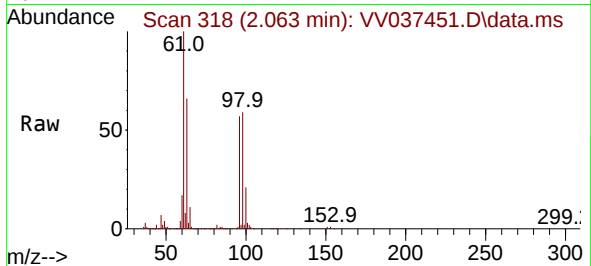




#12
1,1-Dichloroethene
Concen: 4.806 ug/L
RT: 2.063 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037451.D
Acq: 20 Sep 2024 23:43

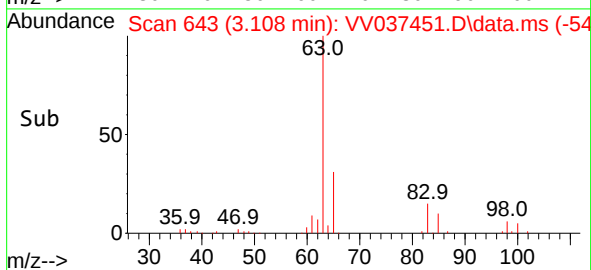
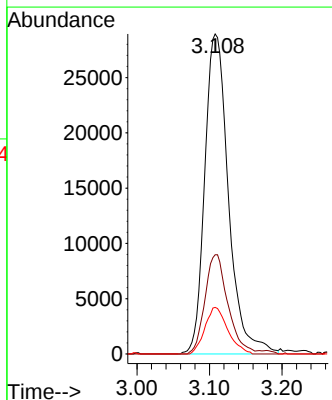
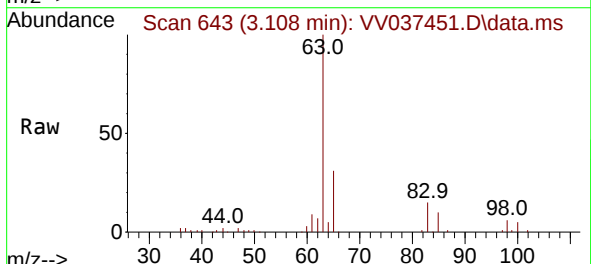
Instrument :
MSVOA_V
ClientSampleId :
C0B30

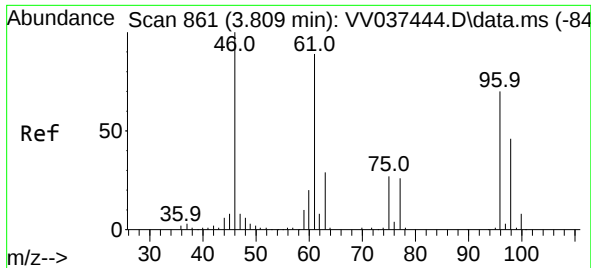
Tgt Ion: 96 Resp: 96157
Ion Ratio Lower Upper
96 100
61 176.3 119.9 222.7
63 115.6 81.4 151.2



#19
1,1-Dichloroethane
Concen: 1.640 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV037451.D
Acq: 20 Sep 2024 23:43

Tgt Ion: 63 Resp: 65945
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.7
83 14.5 8.9 16.5

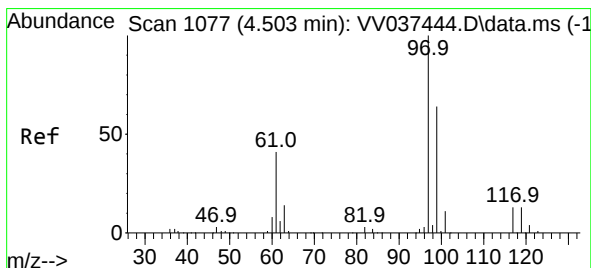
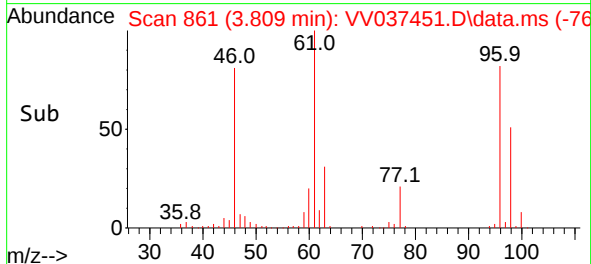
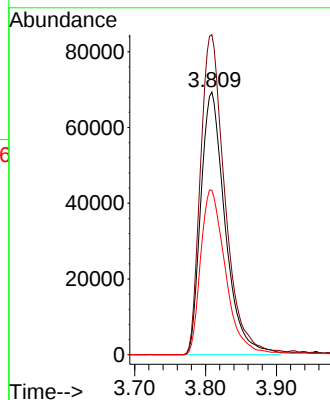
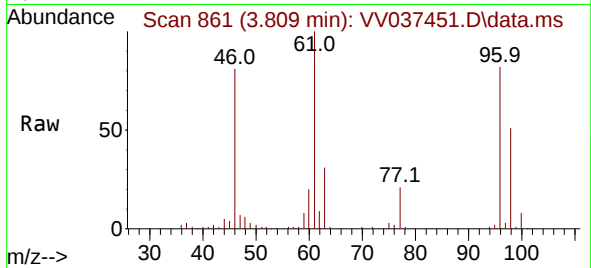




#22
 cis-1,2-Dichloroethene
 Concen: 7.265 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037451.D
 Acq: 20 Sep 2024 23:43

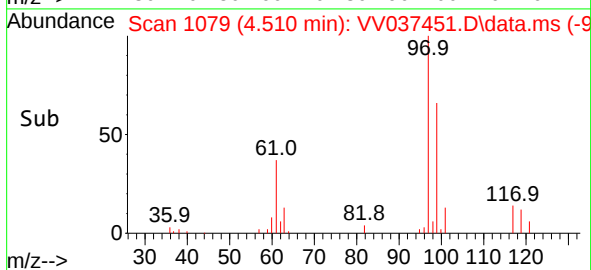
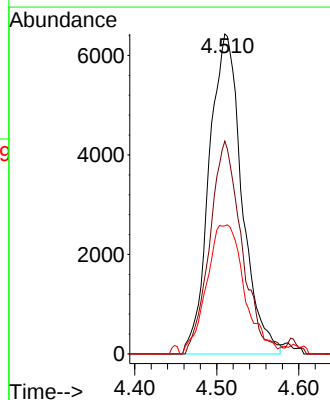
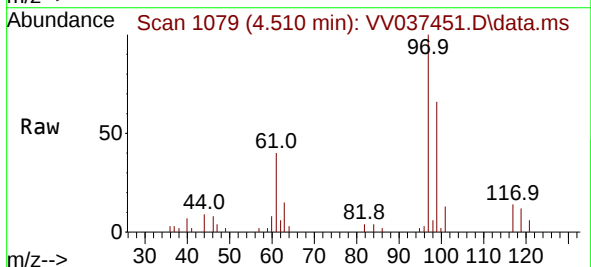
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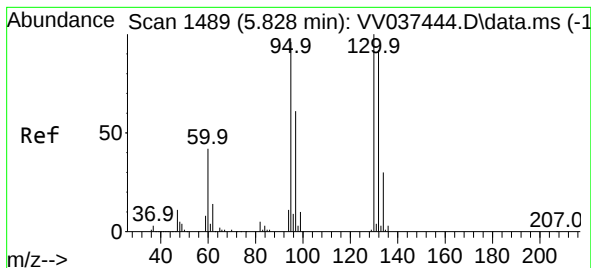
Tgt Ion: 96 Resp: 165328
 Ion Ratio Lower Upper
 96 100
 61 121.8 87.6 162.6
 98 62.6 44.9 83.5



#29
 1,1,1-Trichloroethane
 Concen: 0.502 ug/L
 RT: 4.510 min Scan# 1079
 Delta R.T. 0.006 min
 Lab File: VV037451.D
 Acq: 20 Sep 2024 23:43

Tgt Ion: 97 Resp: 17815
 Ion Ratio Lower Upper
 97 100
 99 65.4 50.0 75.0
 61 46.5 34.3 51.5





#34

Trichloroethene

Concen: 10.354 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

Instrument :

MSVOA_V

ClientSampleId :

C0B30

Tgt Ion: 95 Resp: 251720

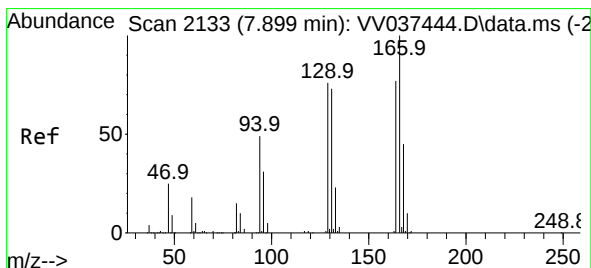
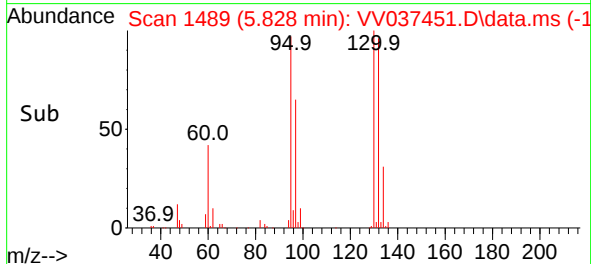
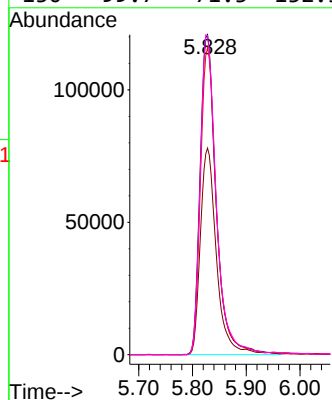
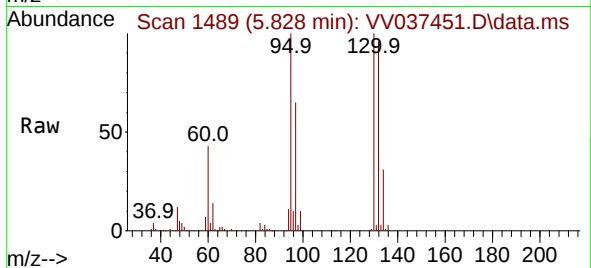
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.5

132 95.9 65.5 121.7

130 99.7 71.3 132.3



#47

Tetrachloroethene

Concen: 8.670 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

Tgt Ion: 164 Resp: 150871

Ion Ratio Lower Upper

164 100

129 99.5 69.2 128.4

131 93.7 66.6 123.8

166 126.5 88.8 165.0

