

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060823\
 Data File : VW031437.D
 Acq On : 08 Jun 2023 10:22
 Operator : SY/MD
 Sample : 02992-05DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C02DL

Quant Time: Jun 09 05:09:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 05:07:24 2023
 Response via : Initial Calibration

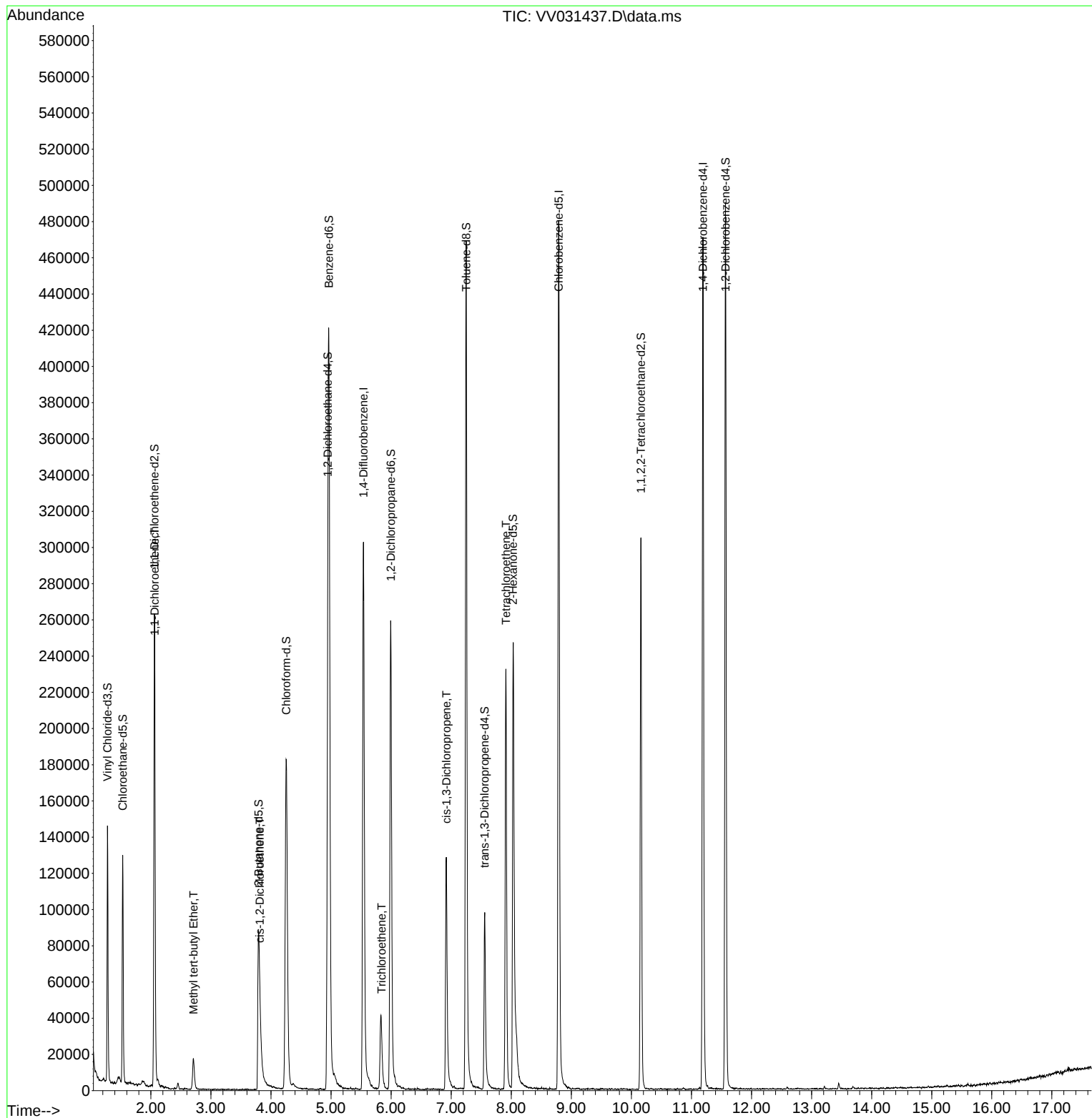
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	241882	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	251995	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	120765	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	93738	44.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.100%
7) Chloroethane-d5	1.532	69	81683	47.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.820%
11) 1,1-Dichloroethene-d2	2.060	65	46521	46.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.240%
21) 2-Butanone-d5	3.793	46	150508	97.859	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.860%
24) Chloroform-d	4.252	84	197661	48.828	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
26) 1,2-Dichloroethane-d4	4.947	65	136859	50.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.800%
32) Benzene-d6	4.963	84	352245	47.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
36) 1,2-Dichloropropane-d6	5.995	67	125837	48.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	7.249	98	309457	45.279	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	7.558	79	58627	45.006	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.020%
47) 2-Hexanone-d5	8.030	63	81433	83.606	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.610%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	145517	44.588	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.180%
66) 1,2-Dichlorobenzene-d4	11.567	152	118809	53.034	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.060%
Target Compounds						
12) 1,1-Dichloroethene	2.066	96	1151	1.193	ug/L	# 1
18) Methyl tert-butyl Ether	2.709	73	15166	2.697	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	1804	1.213	ug/L	76
34) Trichloroethene	5.844	95	5162	2.947	ug/L	88
39) cis-1,3-Dichloropropene	6.921	75	3506	1.173	ug/L	86
46) Tetrachloroethene	7.911	164	50394	44.313	ug/L	99

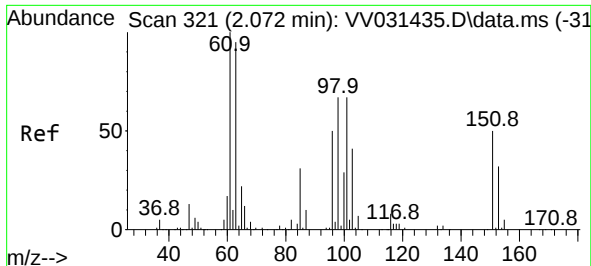
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 09 05:07:24 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.193 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031437.D

Acq: 08 Jun 2023 10:22

Instrument :

MSVOA_V

ClientSampleId :

F6C02DL

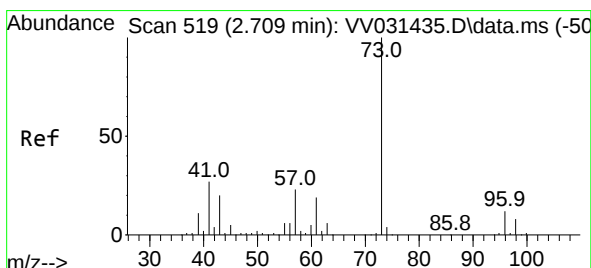
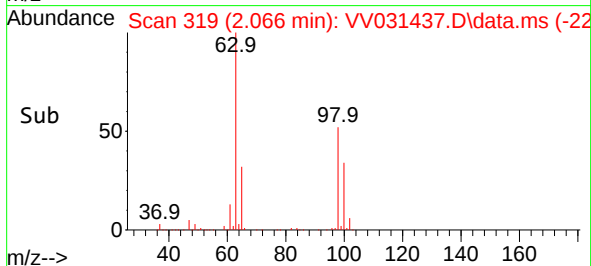
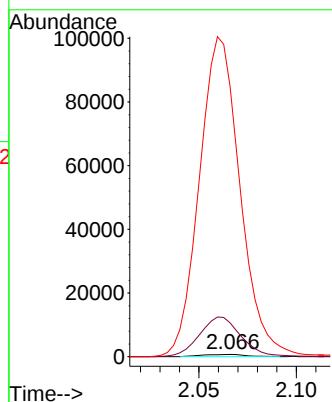
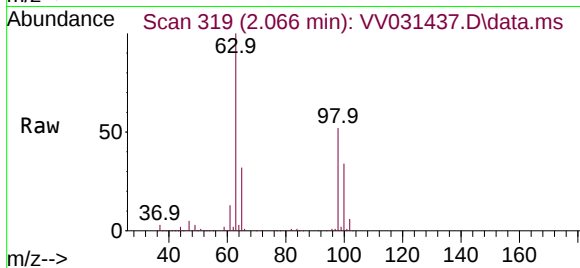
Tgt Ion: 96 Resp: 1151

Ion Ratio Lower Upper

96 100

61 1482.9 143.9 267.3#

63 11857.9 158.3 293.9#



#18

Methyl tert-butyl Ether

Concen: 2.697 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031437.D

Acq: 08 Jun 2023 10:22

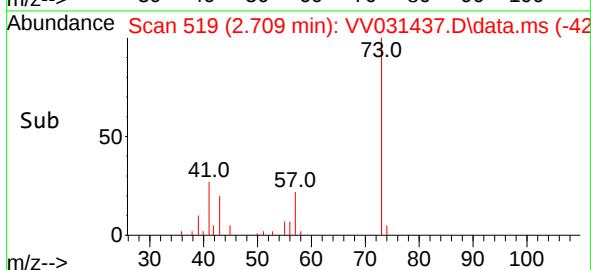
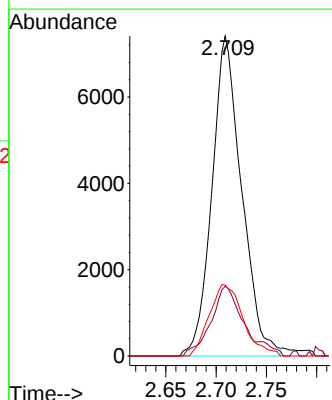
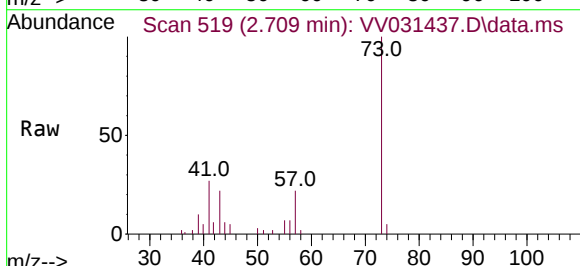
Tgt Ion: 73 Resp: 15166

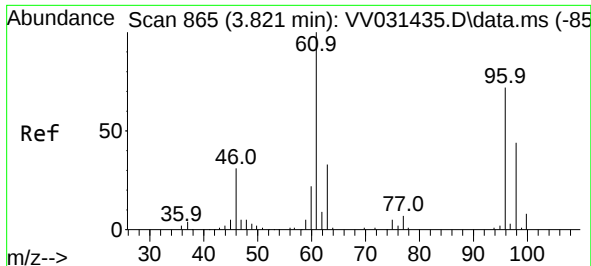
Ion Ratio Lower Upper

73 100

43 22.3 16.6 25.0

57 25.6 18.6 28.0

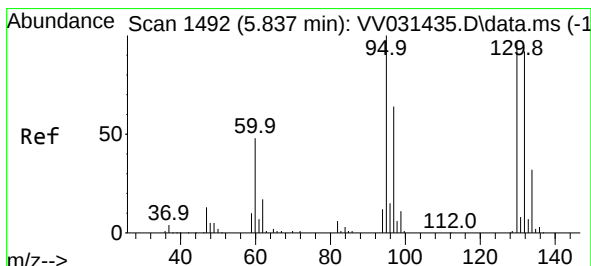
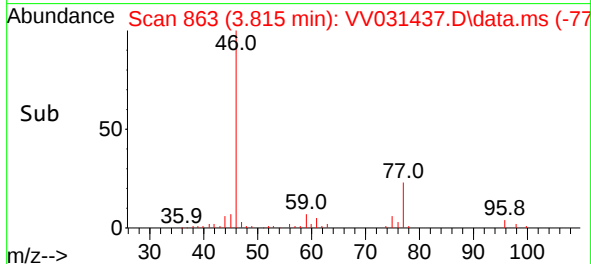
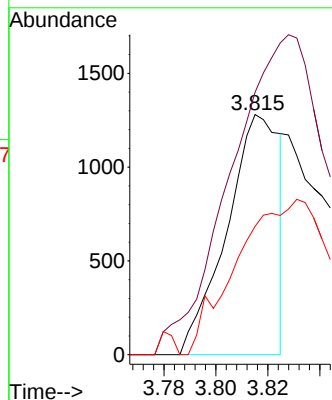
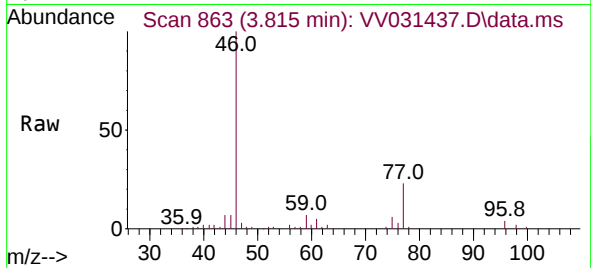




#20
cis-1,2-Dichloroethene
Concen: 1.213 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.006 min
Lab File: VV031437.D
Acq: 08 Jun 2023 10:22

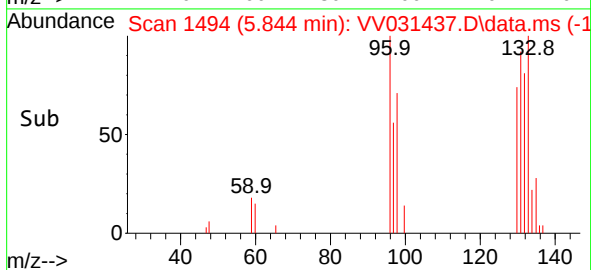
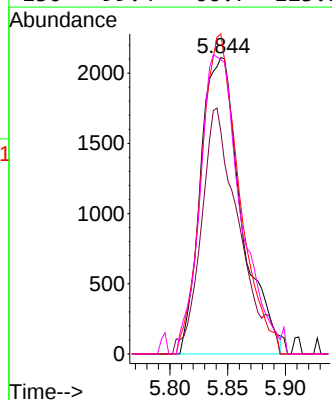
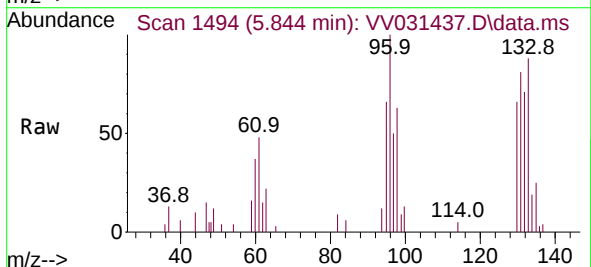
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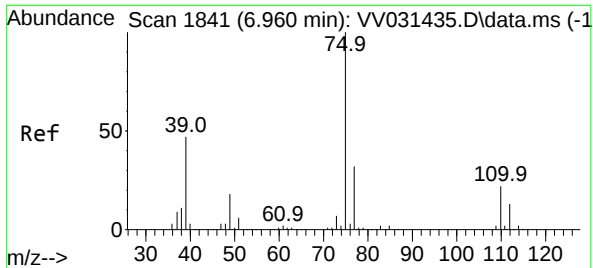
Tgt Ion: 96 Resp: 1804
Ion Ratio Lower Upper
96 100
61 109.3 101.6 188.6
98 53.4 44.4 82.4



#34
Trichloroethene
Concen: 2.947 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VV031437.D
Acq: 08 Jun 2023 10:22

Tgt Ion: 95 Resp: 5162
Ion Ratio Lower Upper
95 100
97 75.1 44.2 82.0
132 108.0 64.2 119.2
130 99.4 66.7 123.9





#39

cis-1,3-Dichloropropene

Concen: 1.173 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV031437.D

Acq: 08 Jun 2023 10:22

Instrument :

MSVOA_V

ClientSampleId :

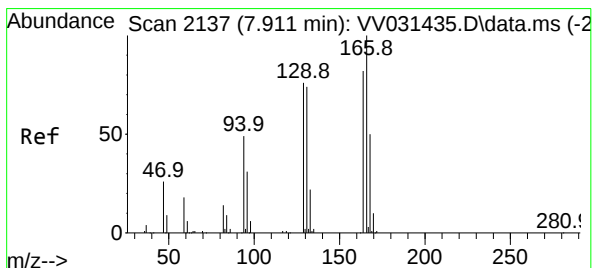
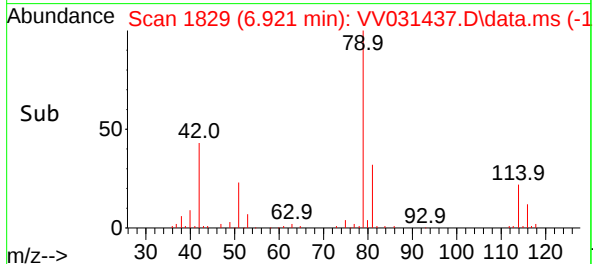
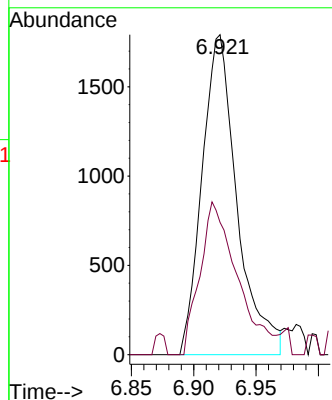
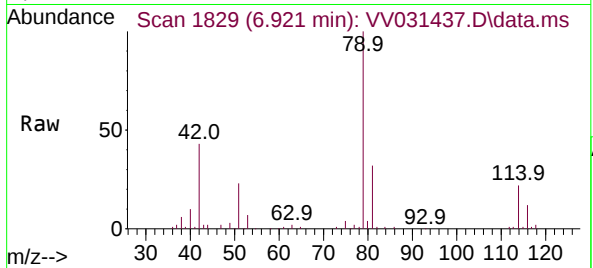
F6C02DL

Tgt Ion: 75 Resp: 3506

Ion Ratio Lower Upper

75 100

77 41.4 23.2 43.2



#46

Tetrachloroethene

Concen: 44.313 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031437.D

Acq: 08 Jun 2023 10:22

Tgt Ion:164 Resp: 50394

Ion Ratio Lower Upper

164 100

129 98.2 68.0 126.4

131 96.4 65.5 121.7

166 129.6 90.5 168.1

