

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049914.D
 Acq On : 26 Jul 2022 15:56
 Operator : SY/MD
 Sample : N3870-20DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ17DL

Quant Time: Jul 27 03:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

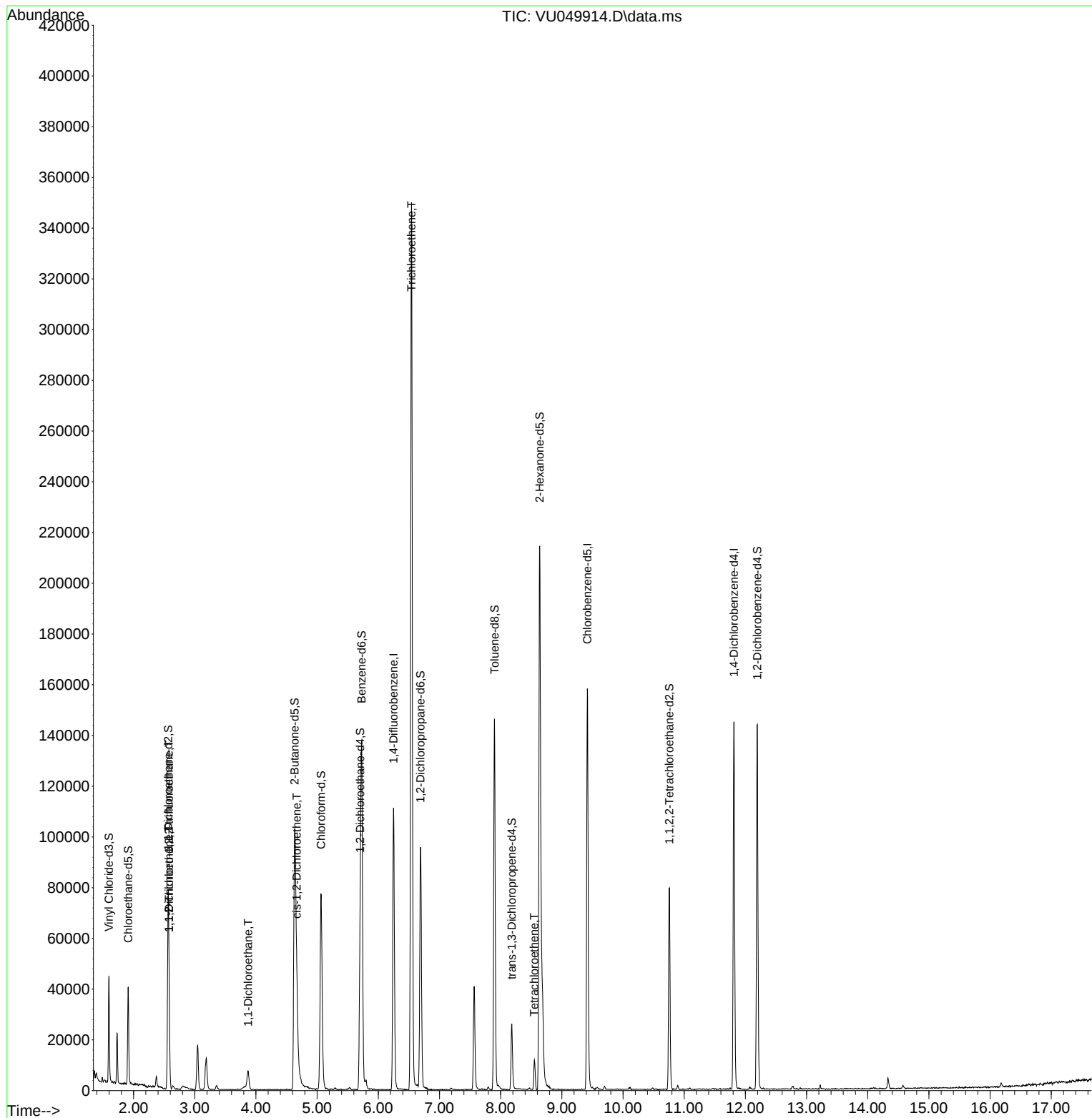
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29356	4.181	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.912	69	25820	4.394	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.800%	
11) 1,1-Dichloroethene-d2	2.565	65	12813	4.088	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.800%	
20) 2-Butanone-d5	4.633	46	136493	54.024	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.040%	
24) Chloroform-d	5.063	84	69870	4.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.703	65	40395	4.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.729	84	123528	4.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.690	67	46214	4.707	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.899	98	95705	3.853	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.182	79	14960	4.197	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.636	63	68274	48.336	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.680%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40520	4.915	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36275	4.555	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	8183	1.445	ug/L	98
12) 1,1-Dichloroethene	2.581	96	1175	0.205	ug/L	# 1
19) 1,1-Dichloroethane	3.874	63	7584	0.530	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	8516	1.110	ug/L	98
34) Trichloroethene	6.542	95	120744	16.455	ug/L	98
47) Tetrachloroethene	8.549	164	2617	0.518	ug/L	89

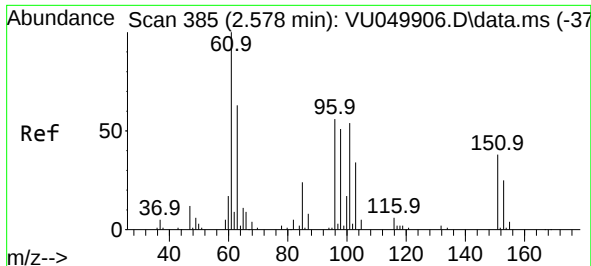
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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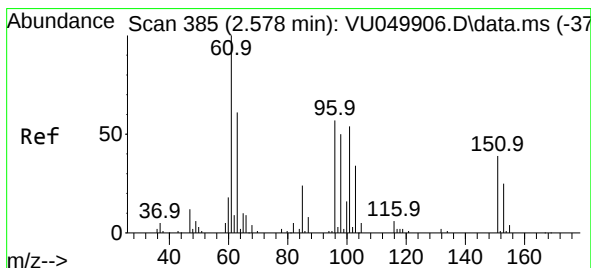
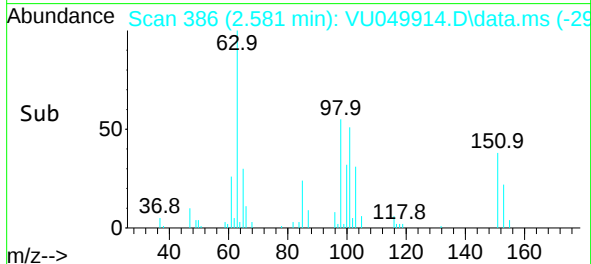
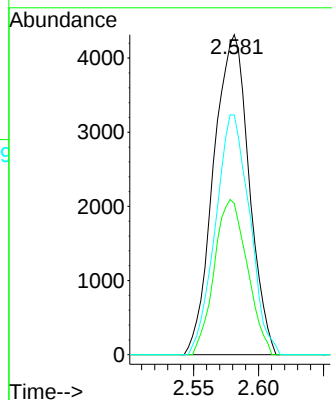
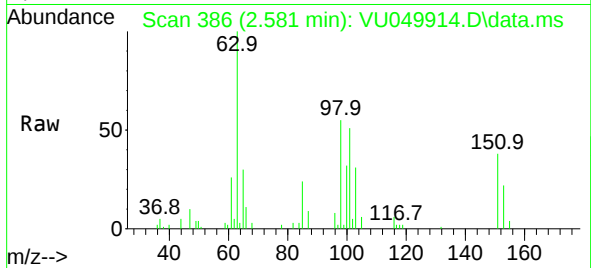




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.445 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU049914.D
Acq: 26 Jul 2022 15:56

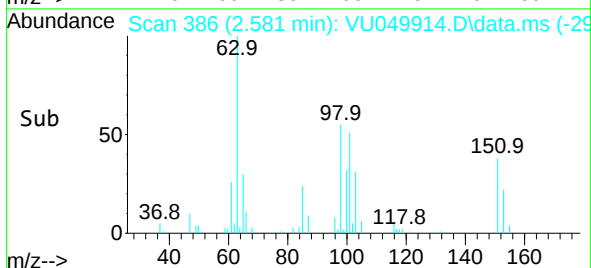
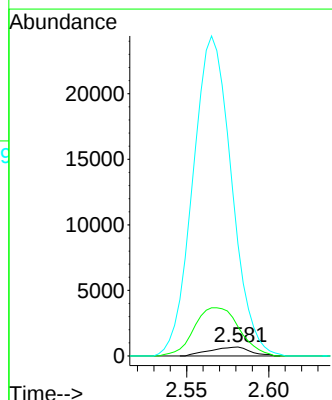
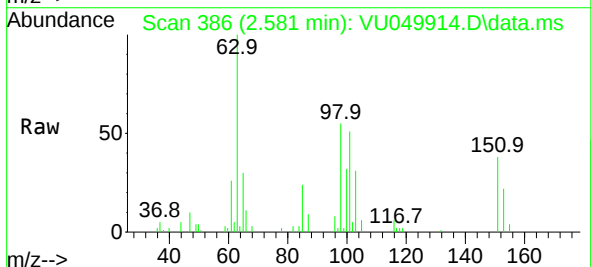
Instrument :
MSVOA_U
ClientSampleId :
GBJ17DL

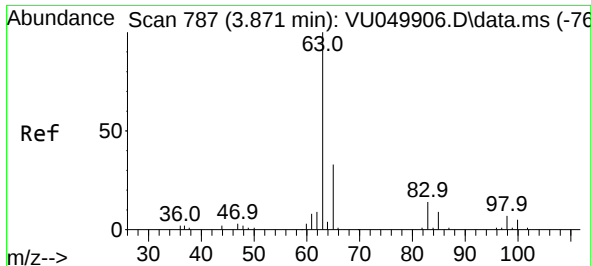
Tgt Ion:101 Resp: 8183
Ion Ratio Lower Upper
101 100
85 45.1 37.2 55.8
151 72.2 56.0 84.0



#12
1,1-Dichloroethene
Concen: 0.205 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU049914.D
Acq: 26 Jul 2022 15:56

Tgt Ion: 96 Resp: 1175
Ion Ratio Lower Upper
96 100
61 324.1 131.6 244.4#
63 1241.1 100.0 185.6#





#19

1,1-Dichloroethane

Concen: 0.530 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU049914.D

Acq: 26 Jul 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

GBJ17DL

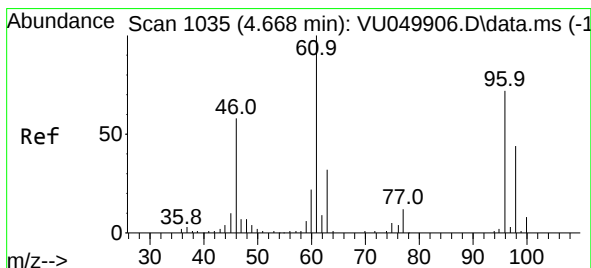
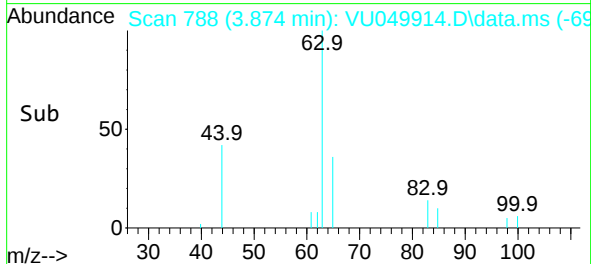
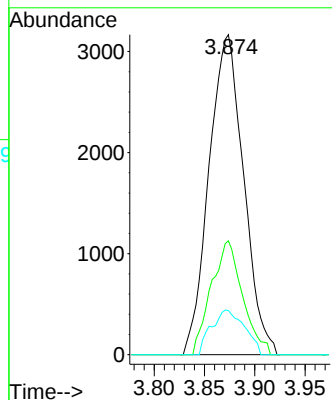
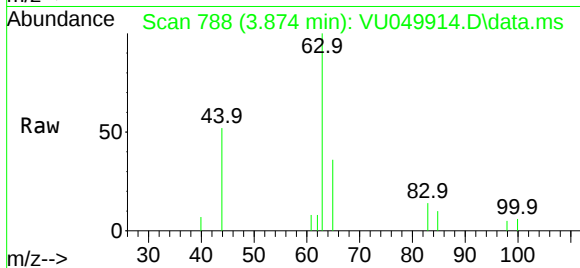
Tgt Ion: 63 Resp: 7584

Ion Ratio Lower Upper

63 100

65 35.6 22.5 41.9

83 13.8 8.3 15.5



#22

cis-1,2-Dichloroethene

Concen: 1.110 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU049914.D

Acq: 26 Jul 2022 15:56

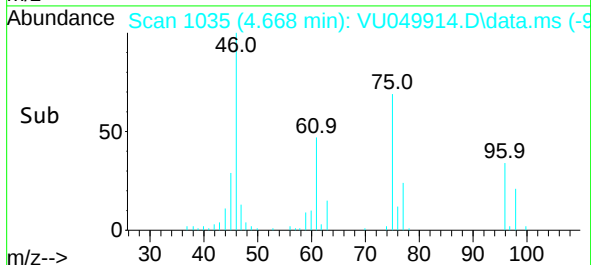
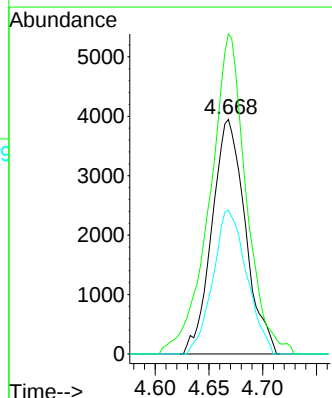
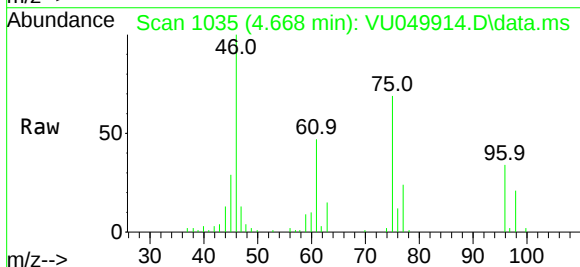
Tgt Ion: 96 Resp: 8516

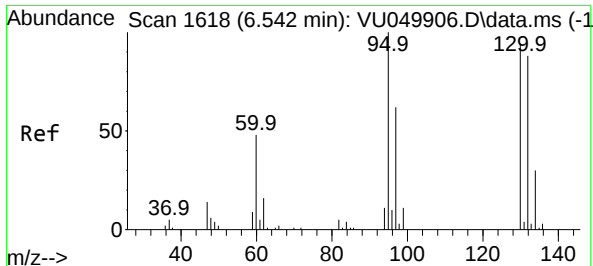
Ion Ratio Lower Upper

96 100

61 136.4 93.9 174.3

98 61.3 43.9 81.5





#34

Trichloroethene

Concen: 16.455 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049914.D

Acq: 26 Jul 2022 15:56

Instrument :

MSVOA_U

ClientSampleId :

GBJ17DL

Tgt Ion: 95 Resp: 120744

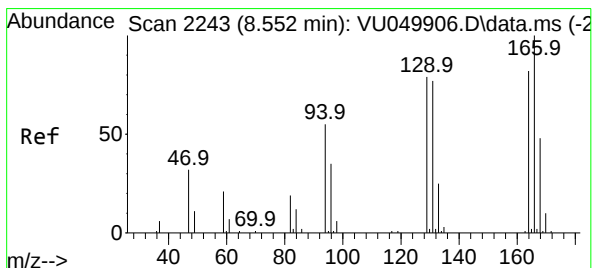
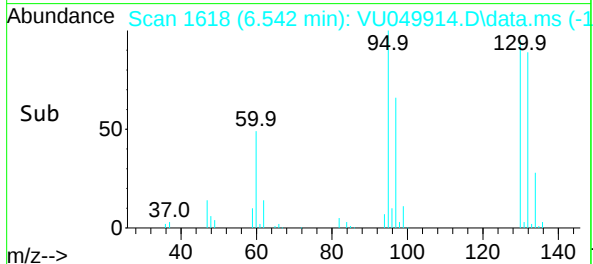
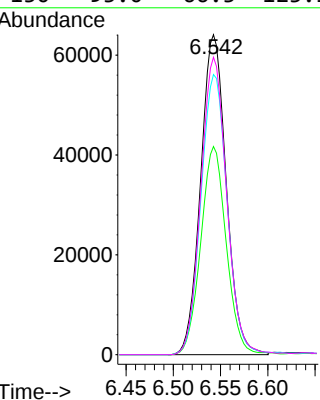
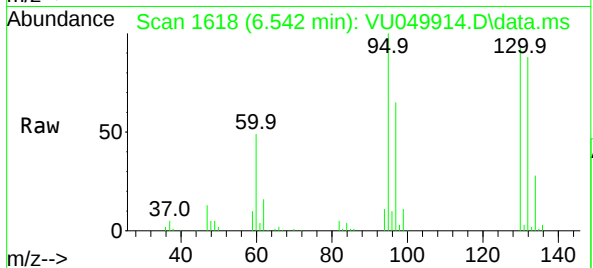
Ion Ratio Lower Upper

95 100

97 65.0 46.8 86.8

132 87.5 61.8 114.8

130 93.0 66.3 123.1



#47

Tetrachloroethene

Concen: 0.518 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU049914.D

Acq: 26 Jul 2022 15:56

Tgt Ion: 164 Resp: 2617

Ion Ratio Lower Upper

164 100

129 101.9 68.9 127.9

131 104.4 67.5 125.4

166 106.8 89.2 165.8

