

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045840.D
 Acq On : 17 Nov 2021 15:13
 Operator : SY/MD
 Sample : M4686-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG201

Quant Time: Nov 18 02:20:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

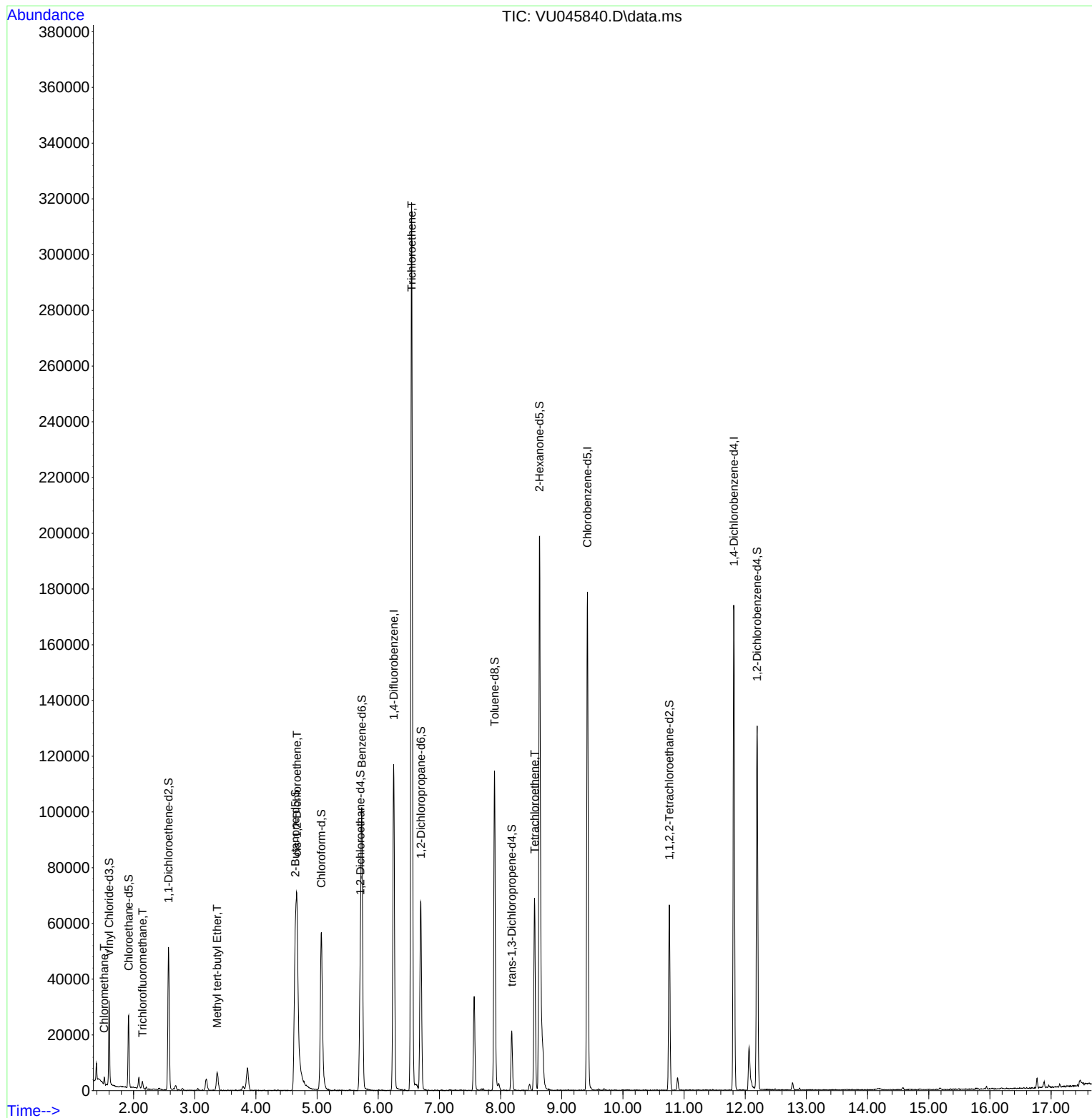
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20459	2.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.400%
7) Chloroethane-d5	1.919	69	19216	3.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.571	65	9600	3.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.645	46	108133	53.703	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.400%
24) Chloroform-d	5.070	84	48274	3.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.706	65	29841	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.732	84	93213	3.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.400%#
36) 1,2-Dichloropropane-d6	6.697	67	33000	3.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.902	98	78605	3.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	8.182	79	12982	3.725	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.636	63	71665	45.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32720	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	33592	4.381	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1530	0.187	ug/L	84
9) Trichlorofluoromethane	2.147	101	1890	0.178	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	6300	0.412	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	16758	2.456	ug/L	98
34) Trichloroethene	6.546	95	108647	15.273	ug/L	99
47) Tetrachloroethene	8.555	164	15301	3.072	ug/L	96

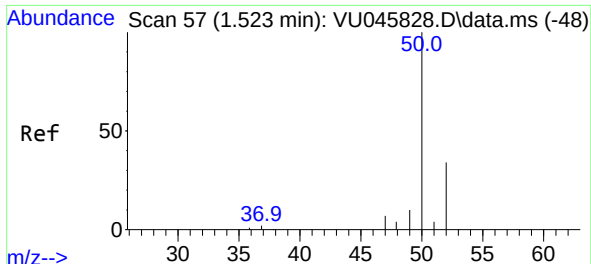
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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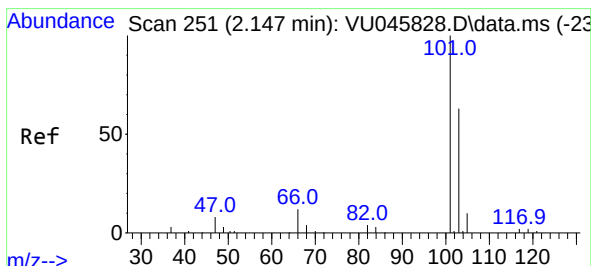
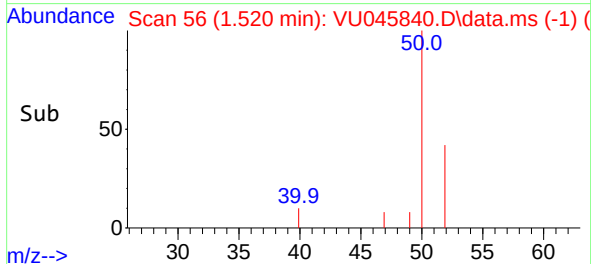
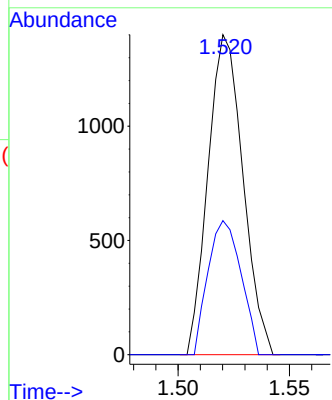
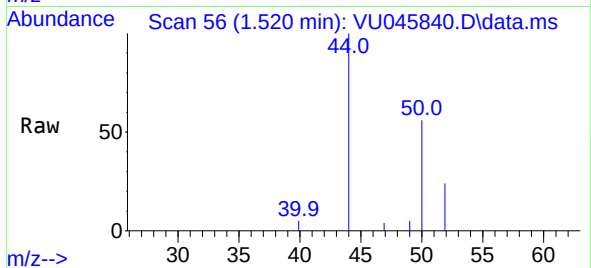




#3
Chloromethane
Concen: 0.187 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045840.D
Acq: 17 Nov 2021 15:13

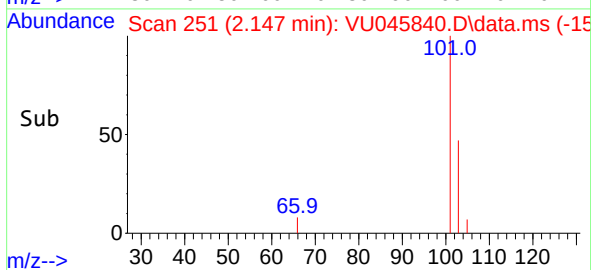
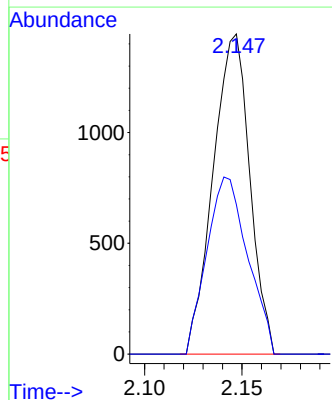
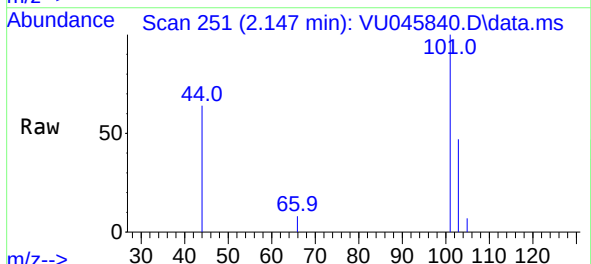
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MSVOA_U
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BG201

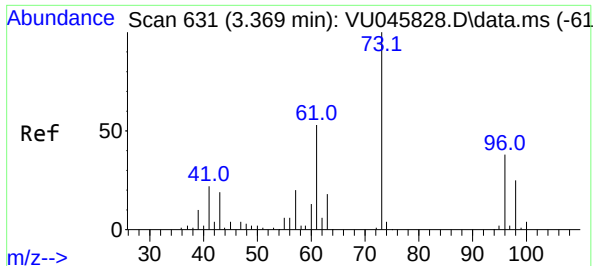
Tgt Ion: 50 Resp: 1530
Ion Ratio Lower Upper
50 100
52 41.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.178 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU045840.D
Acq: 17 Nov 2021 15:13

Tgt Ion: 101 Resp: 1890
Ion Ratio Lower Upper
101 100
103 61.8 51.5 77.3

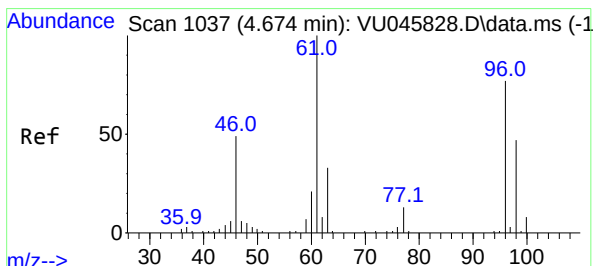
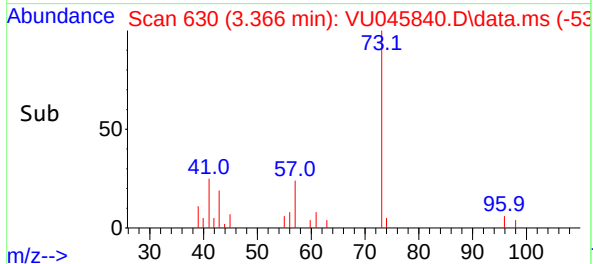
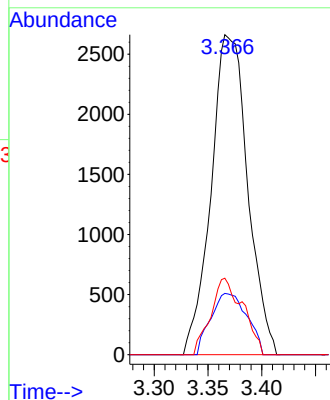
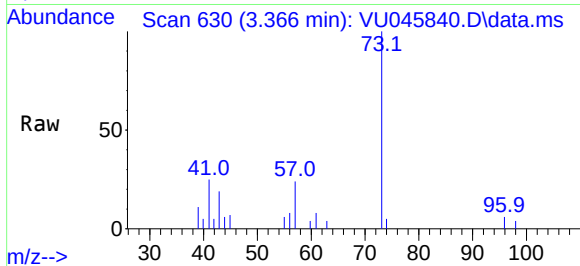




#17
Methyl tert-butyl Ether
Concen: 0.412 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045840.D
Acq: 17 Nov 2021 15:13

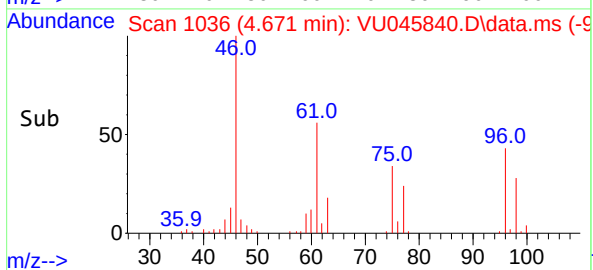
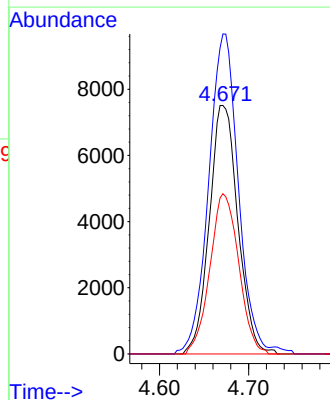
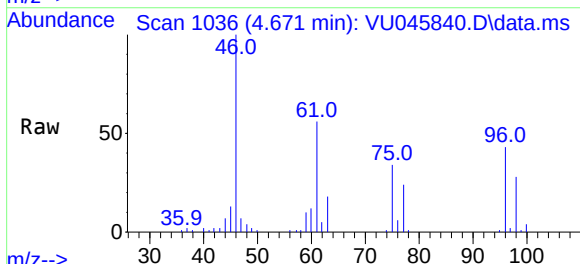
Instrument :
MSVOA_U
ClientSampleId :
BG201

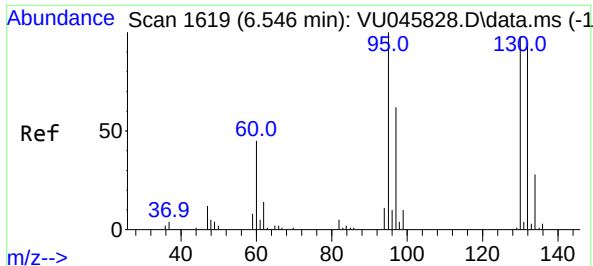
Tgt Ion: 73	Resp: 6300
Ion Ratio	Lower Upper
73 100	
43 19.0	14.8 22.2
57 21.0	17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 2.456 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045840.D
Acq: 17 Nov 2021 15:13

Tgt Ion: 96	Resp: 16758
Ion Ratio	Lower Upper
96 100	
61 128.8	88.5 164.3
98 64.5	44.4 82.5



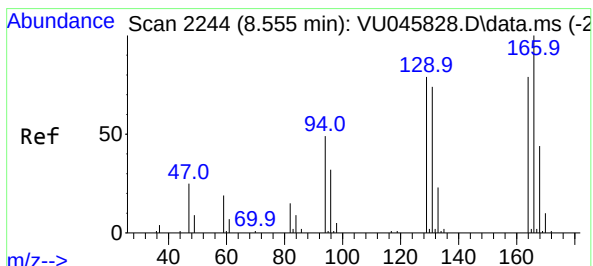
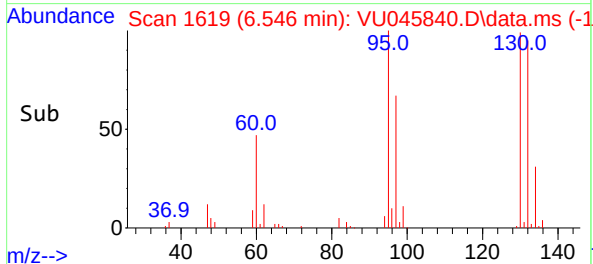
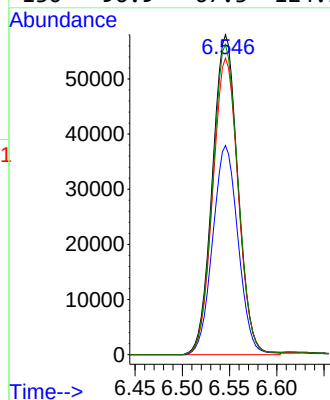
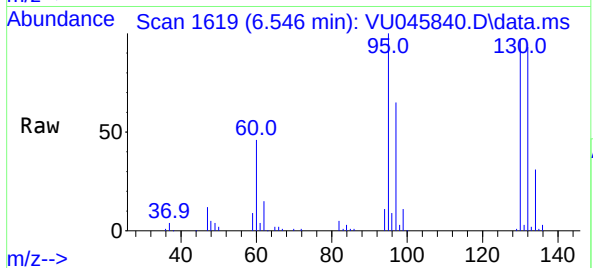


#34
Trichloroethene
Concen: 15.273 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045840.D
Acq: 17 Nov 2021 15:13

Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 108647

Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.5	86.5
132	92.7	65.1	120.9
130	96.9	67.3	124.9



#47
Tetrachloroethene
Concen: 3.072 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045840.D
Acq: 17 Nov 2021 15:13

Tgt Ion: 164 Resp: 15301

Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.8	133.4
131	96.3	68.5	127.3
166	127.4	94.1	174.8

