

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052119.D
 Acq On : 24 Nov 2022 05:41
 Operator : JC/MD
 Sample : N5770-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1G2

Quant Time: Nov 24 07:02:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

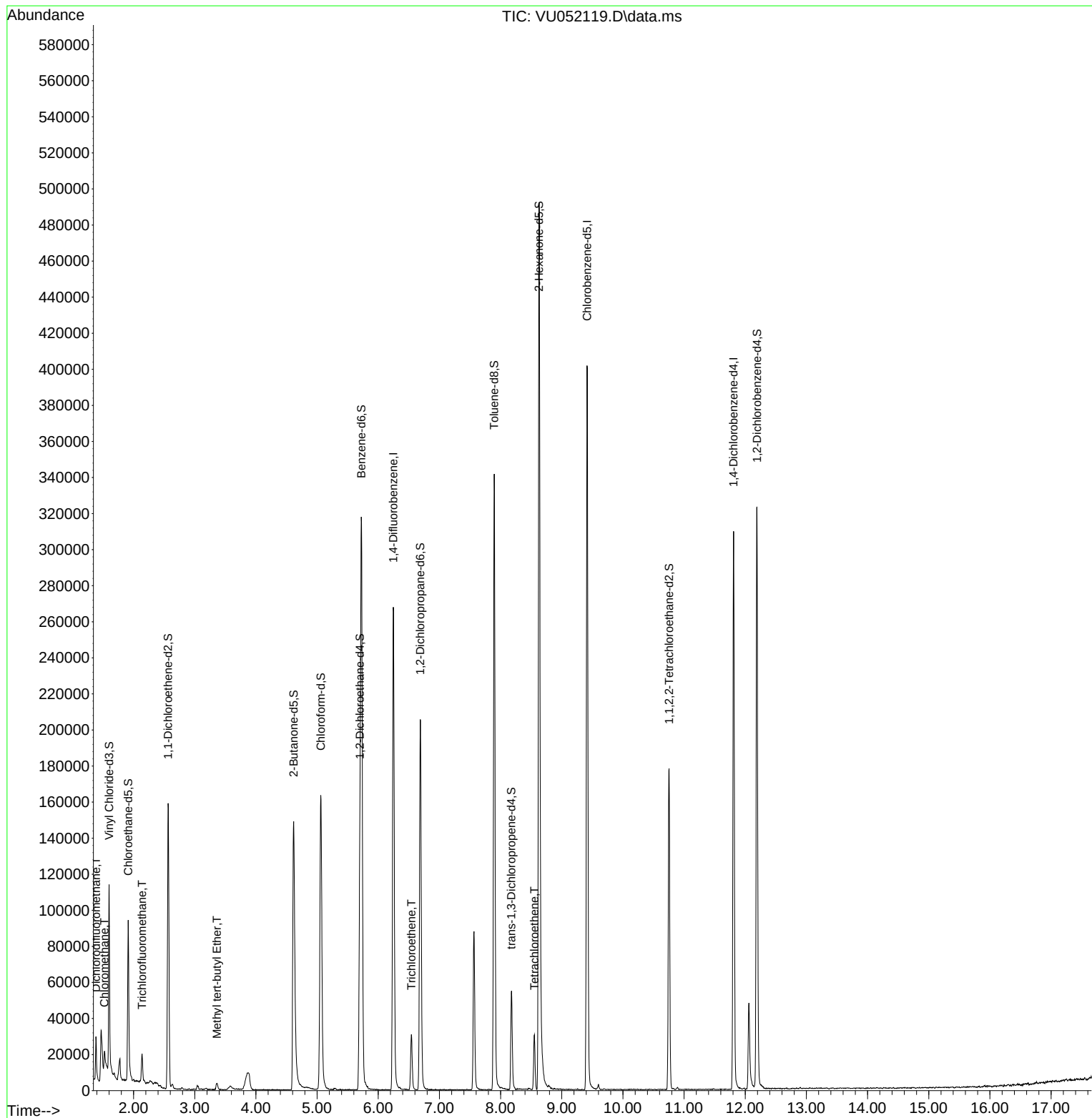
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	221913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	76161	3.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.912	69	73965	4.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.565	65	29417	3.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.616	46	216664	55.375	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	5.060	84	158267	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.700	65	80923	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	308367	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.687	67	104885	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	236392	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.176	79	31918	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.629	63	167147	50.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92643	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	91194	5.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	15325	0.796	ug/L	99
3) Chloromethane	1.523	50	7732	0.308	ug/L	96
9) Trichlorofluoromethane	2.137	101	9903	0.373	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	3937	0.109	ug/L	100
34) Trichloroethene	6.542	95	10830	0.571	ug/L	96
47) Tetrachloroethene	8.552	164	7010	0.482	ug/L	96

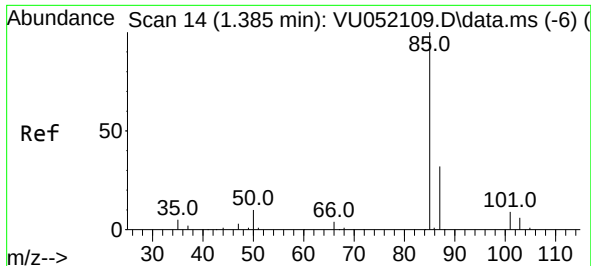
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

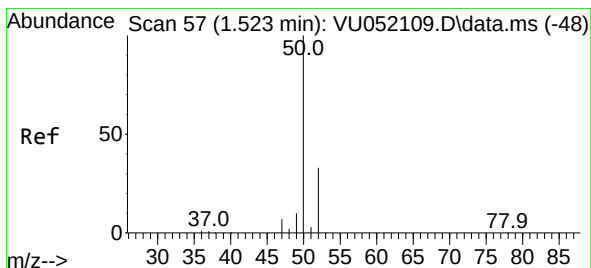
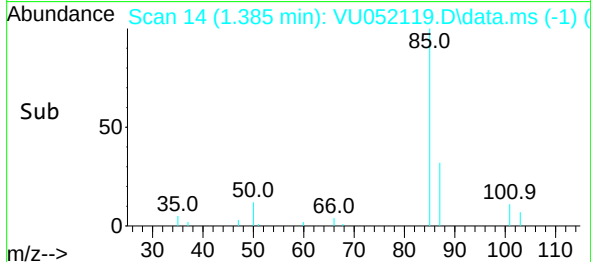
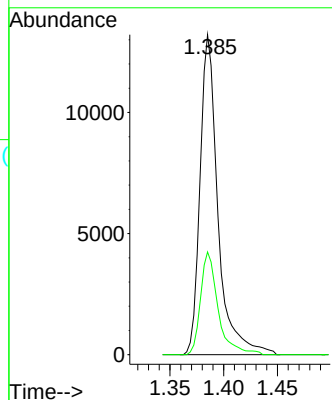
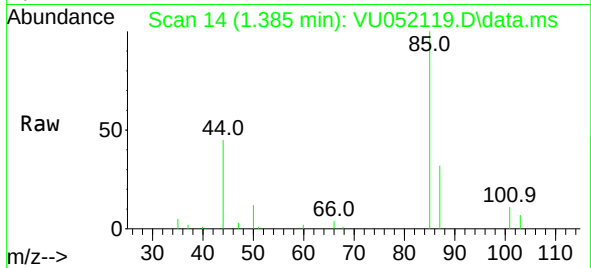




#2
Dichlorodifluoromethane
Concen: 0.796 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

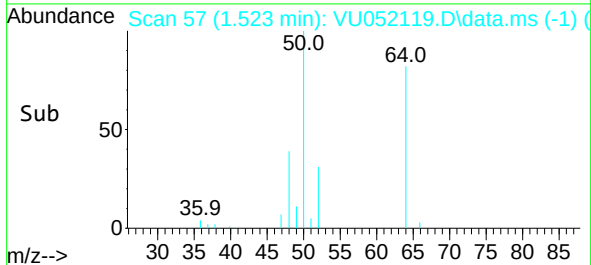
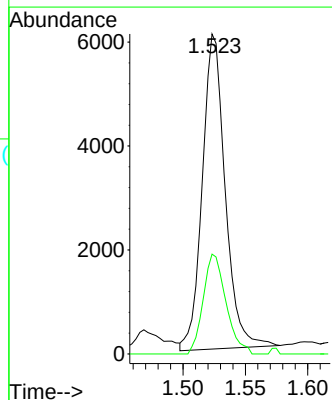
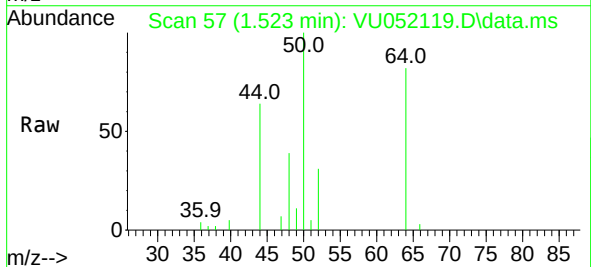
Instrument :
MSVOA_U
ClientSampleId :
BH1G2

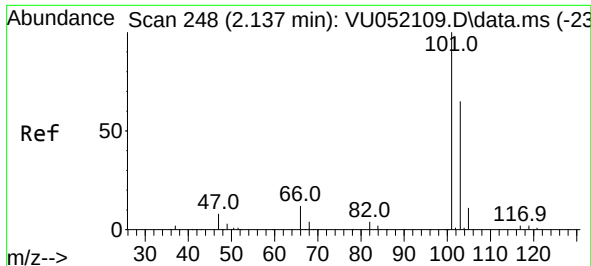
Tgt Ion: 85 Resp: 15325
Ion Ratio Lower Upper
85 100
87 31.5 25.8 38.8



#3
Chloromethane
Concen: 0.308 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

Tgt Ion: 50 Resp: 7732
Ion Ratio Lower Upper
50 100
52 31.2 23.4 43.4

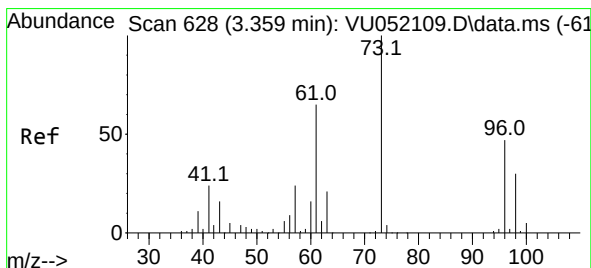
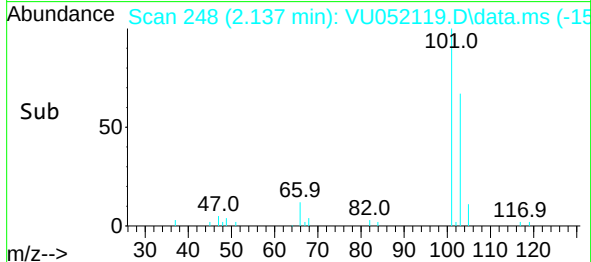
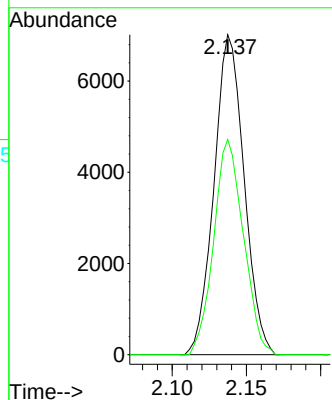
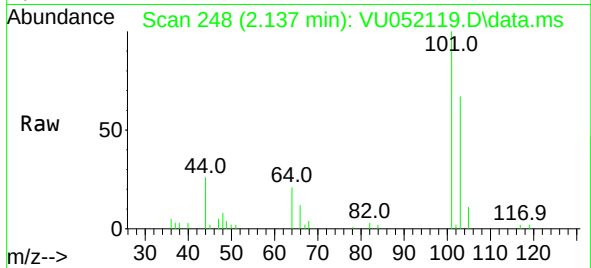




#9
 Trichlorofluoromethane
 Concen: 0.373 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU052119.D
 Acq: 24 Nov 2022 05:41

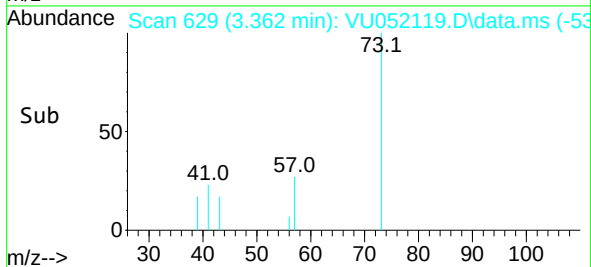
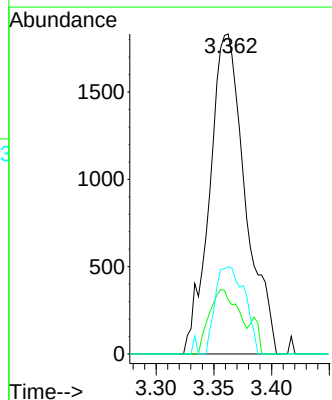
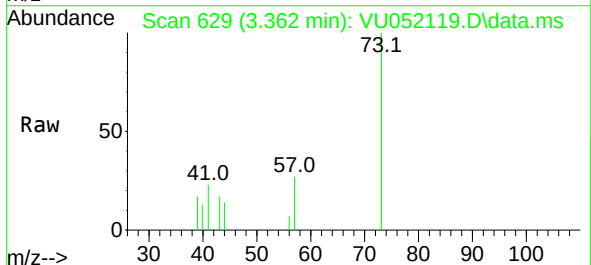
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1G2

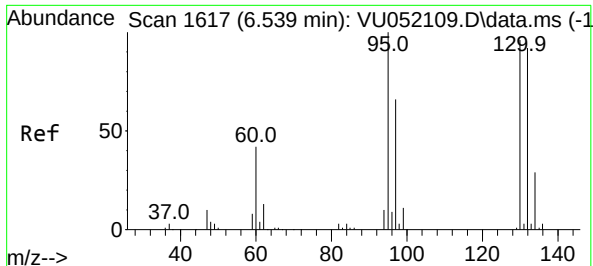
Tgt Ion:101 Resp: 9903
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.6 77.4



#17
 Methyl tert-butyl Ether
 Concen: 0.109 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. 0.003 min
 Lab File: VU052119.D
 Acq: 24 Nov 2022 05:41

Tgt Ion: 73 Resp: 3937
 Ion Ratio Lower Upper
 73 100
 43 16.3 13.2 19.8
 57 22.5 17.8 26.8

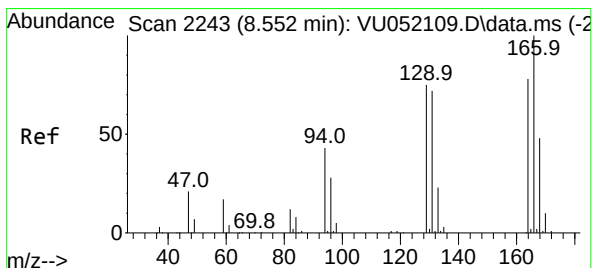
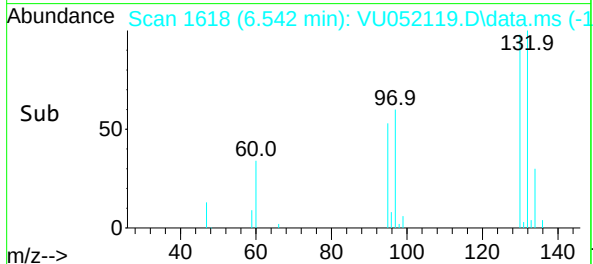
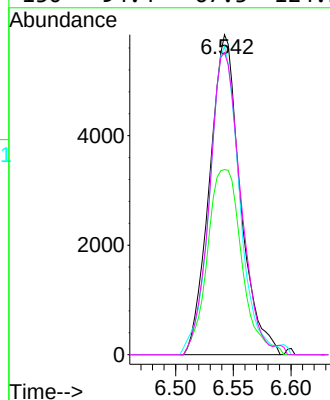
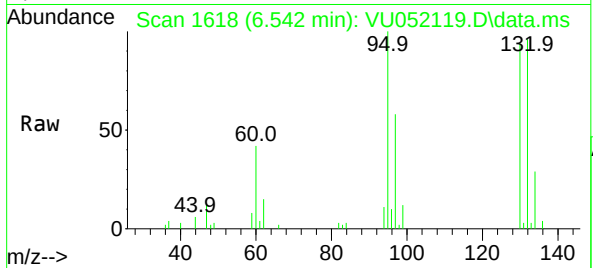




#34
Trichloroethene
Concen: 0.571 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

Instrument :
MSVOA_U
ClientSampleId :
BH1G2

Tgt Ion: 95 Resp: 10830
Ion Ratio Lower Upper
95 100
97 57.9 43.7 81.1
132 96.3 64.3 119.3
130 94.4 67.3 124.9



#47
Tetrachloroethene
Concen: 0.482 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052119.D
Acq: 24 Nov 2022 05:41

Tgt Ion:164 Resp: 7010
Ion Ratio Lower Upper
164 100
129 104.4 67.4 125.2
131 99.4 67.1 124.7
166 125.8 89.7 166.5

