

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022943.D
 Acq On : 20 Oct 2021 20:05
 Operator : SY/MD
 Sample : M4137-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA2DL

Quant Time: Oct 21 02:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

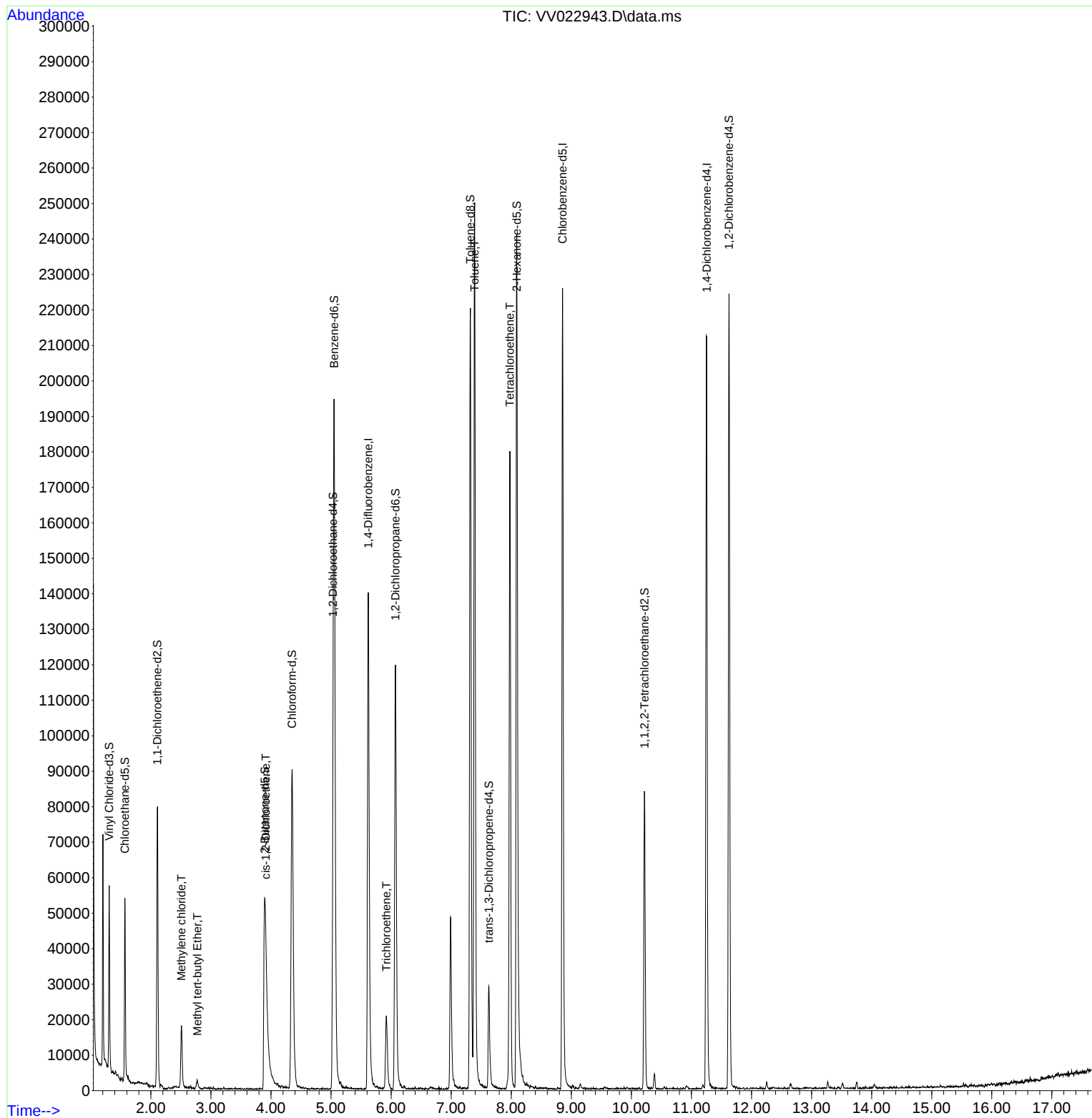
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126245	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59253	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30173	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.568	69	30330	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.108	63	39946	2.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.80%#
20) 2-Butanone-d5	3.896	46	109988	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.349	84	94833	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.034	65	43546	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.053	84	179435	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.072	67	58807	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.320	98	151181	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloroprop...	7.628	79	17573	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.091	63	83731	56.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.54%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	41051	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	60031	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						Qvalue
16) Methylene chloride	2.510	84	7331	0.71	ug/L	90
17) Methyl tert-butyl Ether	2.773	73	1691	0.09	ug/L #	72
22) cis-1,2-Dichloroethene	3.912	96	2396	0.28	ug/L	98
34) Trichloroethene	5.921	95	7309	0.79	ug/L	88
42) Toluene	7.391	91	181051	5.25	ug/L	99
47) Tetrachloroethene	7.979	164	42612	5.70	ug/L	96

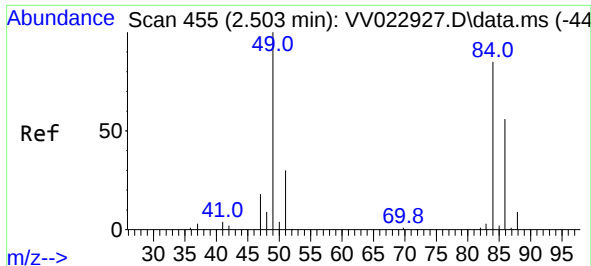
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

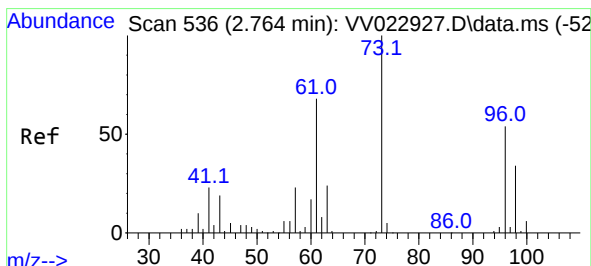
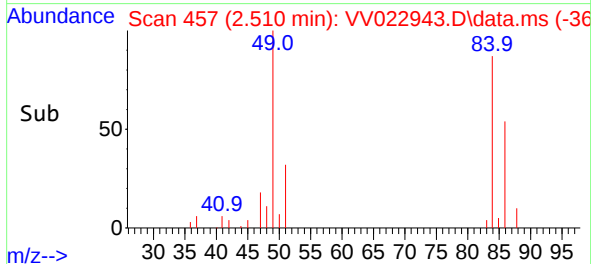
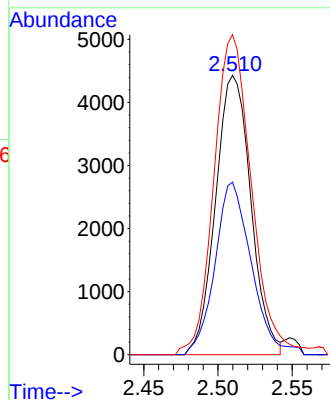
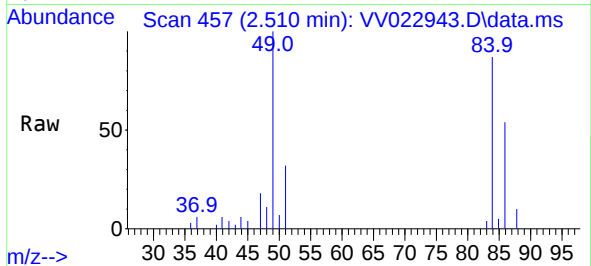




#16
Methylene chloride
Concen: 0.71 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

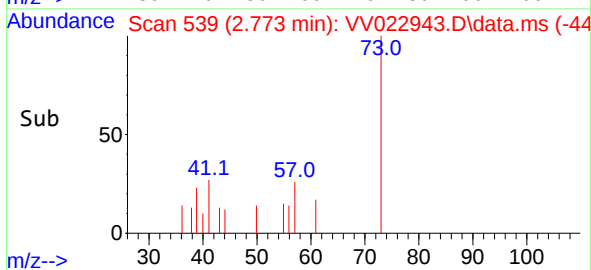
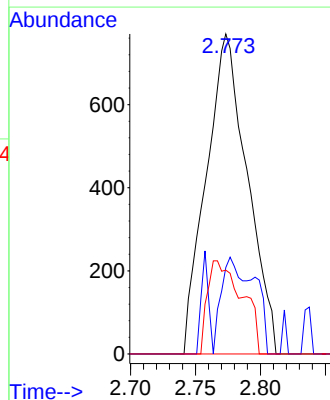
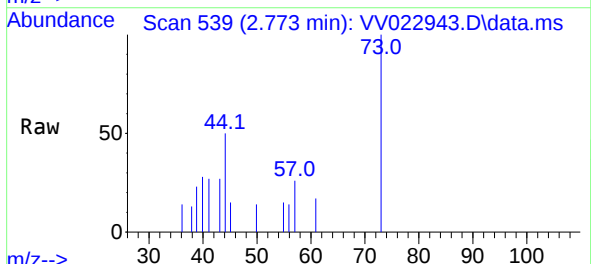
Instrument :
MSVOA_V
ClientSampleId :
BFGA2DL

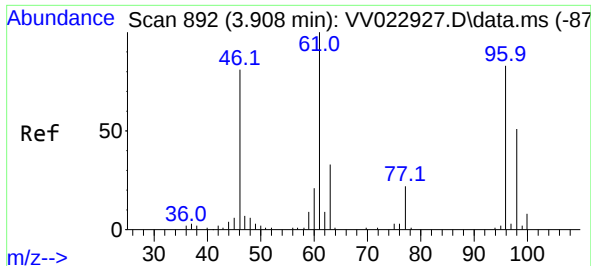
Tgt Ion: 84 Resp: 7331
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.2
49 114.6 90.3 167.7



#17
Methyl tert-butyl Ether
Concen: 0.09 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Tgt Ion: 73 Resp: 1691
Ion Ratio Lower Upper
73 100
43 16.5 17.1 25.7#
57 0.0 17.2 25.8#



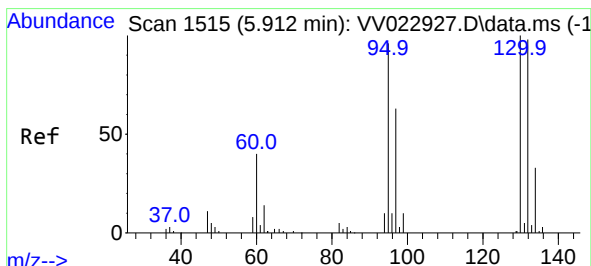
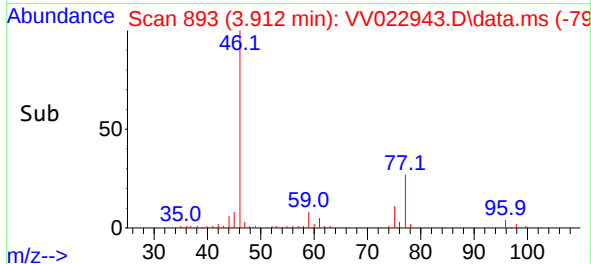
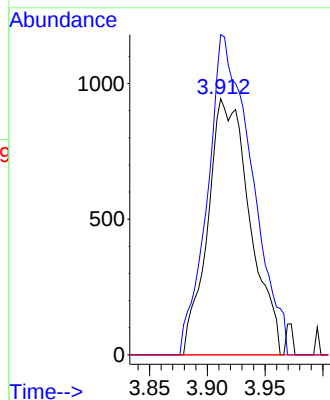
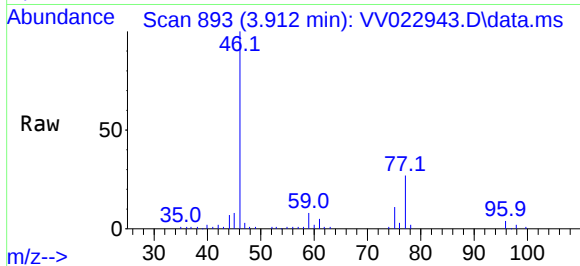


#22
cis-1,2-Dichloroethene
Concen: 0.28 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Instrument :
MSVOA_V
ClientSampleId :
BFGA2DL

Tgt Ion: 96 Resp: 2396

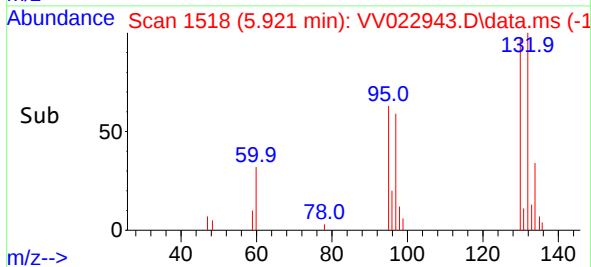
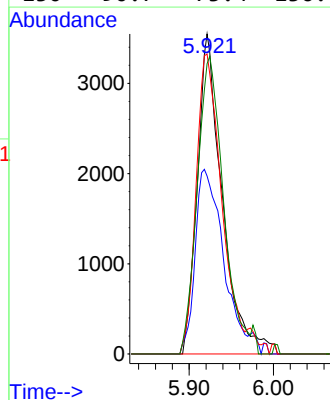
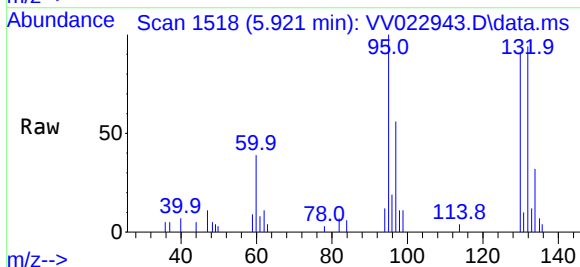
Ion	Ratio	Lower	Upper
96	100		
61	125.0	86.0	159.6
68	0.0	0.0	0.0

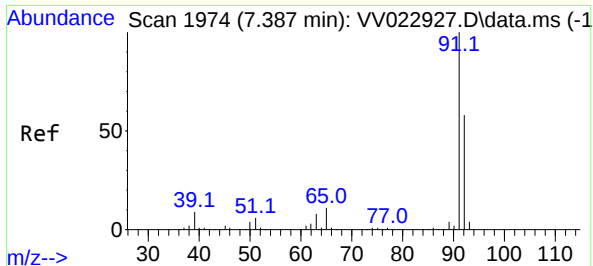


#34
Trichloroethene
Concen: 0.79 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Tgt Ion: 95 Resp: 7309

Ion	Ratio	Lower	Upper
95	100		
97	55.6	45.8	85.2
132	93.7	72.2	134.0
130	90.7	73.4	136.4

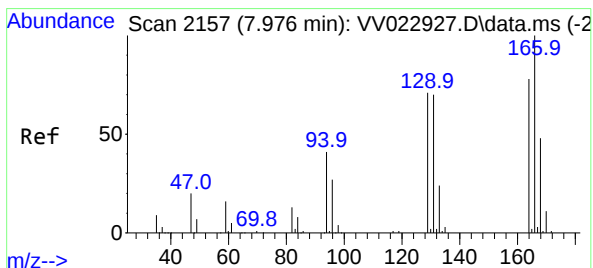
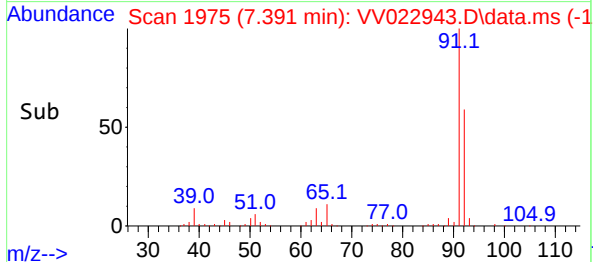
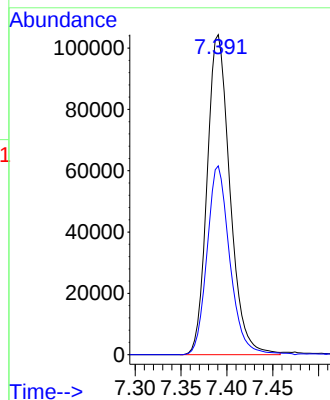
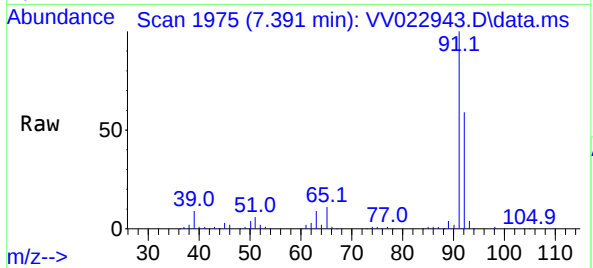




#42
Toluene
Concen: 5.25 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Instrument :
MSVOA_V
ClientSampleID :
BFGA2DL

Tgt Ion: 91 Resp: 181051
Ion Ratio Lower Upper
91 100
92 59.0 40.7 75.7



#47
Tetrachloroethene
Concen: 5.70 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Tgt Ion: 164 Resp: 42612
Ion Ratio Lower Upper
164 100
129 90.1 65.0 120.6
131 86.0 62.2 115.4
166 121.8 89.2 165.8

