

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121224\
 Data File : VU062291.D
 Acq On : 12 Dec 2024 16:30
 Operator : MD/SY
 Sample : P5228-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E29R6

Quant Time: Dec 13 00:18:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

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

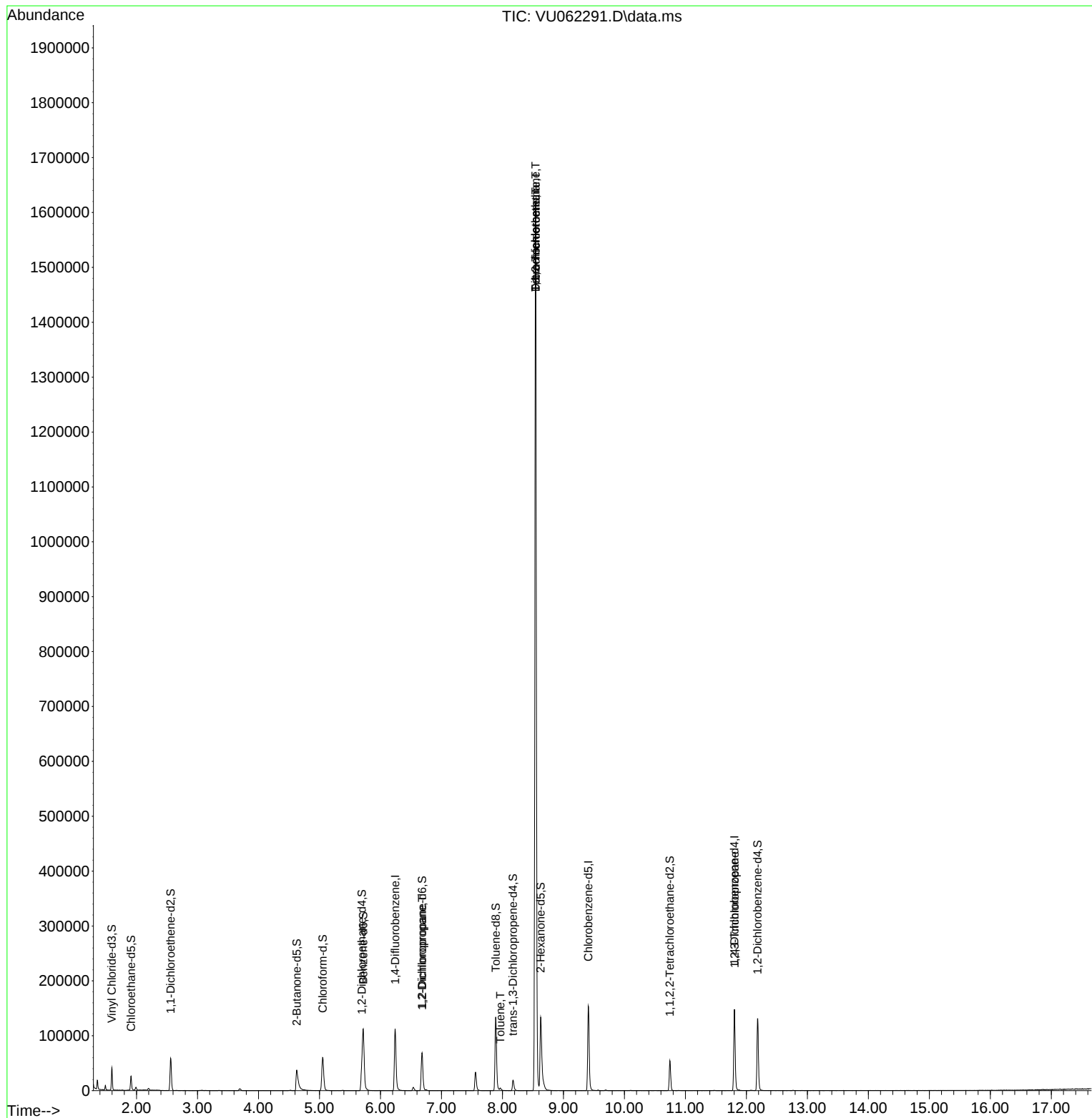
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95787	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42180	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21463	3.322	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.911	69	18888	4.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	11186	3.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.627	46	57140	46.147	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.300%
24) Chloroform-d	5.052	84	61181	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.695	65	32863	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.717	84	107803	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	32977	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	94493	3.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.174	79	13297	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.627	63	47999	48.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26834	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	37018	4.763	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.685	63	3922	0.574	ug/L #	87
42) Toluene	7.965	91	3637	0.120	ug/L	99
45) 1,1,2-Trichloroethane	8.544	97	3627	0.703	ug/L #	29
47) Tetrachloroethene	8.544	164	360602	58.769	ug/L	96
49) Dibromochloromethane	8.544	129	354506	56.890	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	4235	1.086	ug/L #	69

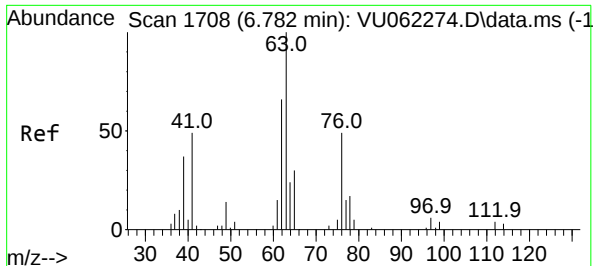
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU062291.D

Acq: 12 Dec 2024 16:30

Instrument :

MSVOA_U

ClientSampleId :

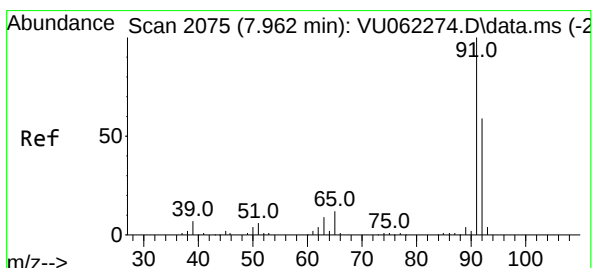
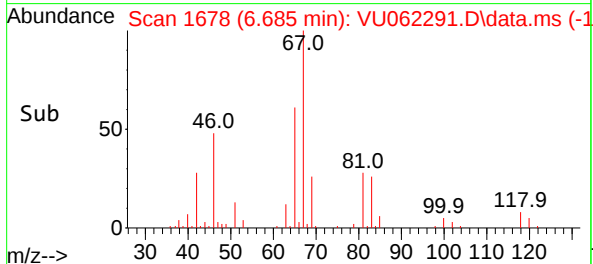
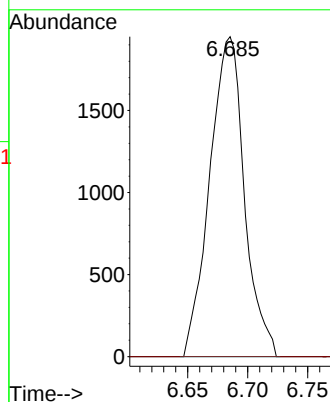
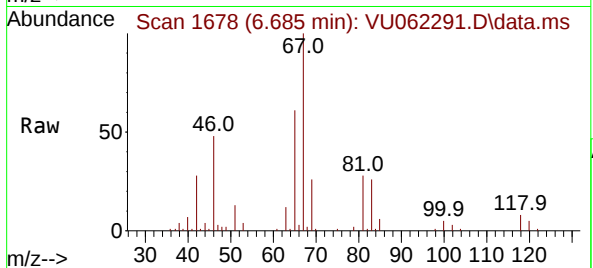
E29R6

Tgt Ion: 63 Resp: 3922

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 0.120 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU062291.D

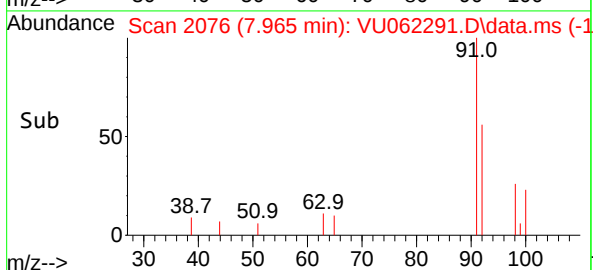
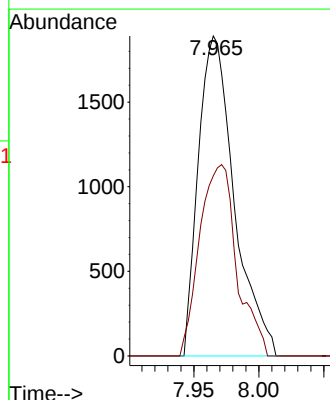
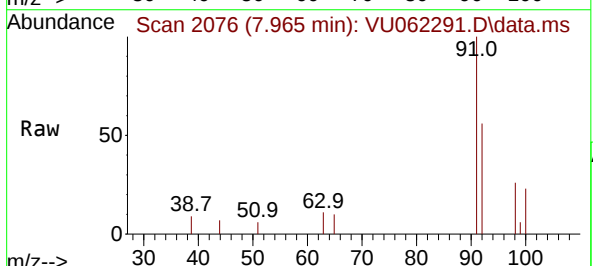
Acq: 12 Dec 2024 16:30

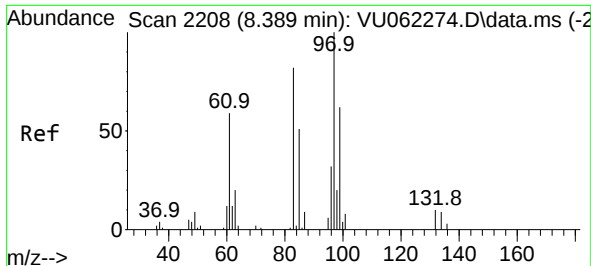
Tgt Ion: 91 Resp: 3637

Ion Ratio Lower Upper

91 100

92 56.3 39.0 72.4





#45

1,1,2-Trichloroethane

Concen: 0.703 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.154 min

Lab File: VU062291.D

Acq: 12 Dec 2024 16:30

Instrument :

MSVOA_U

ClientSampleId :

E29R6

Tgt Ion: 97 Resp: 3627

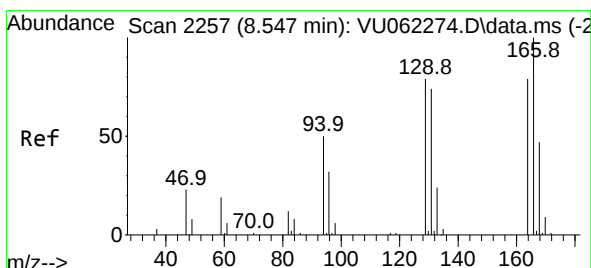
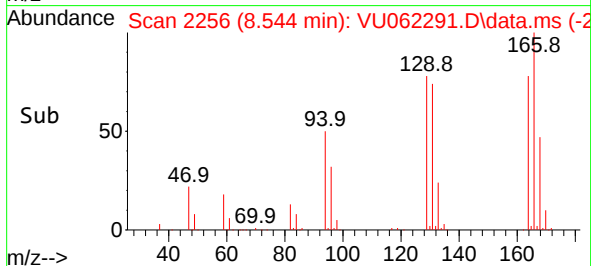
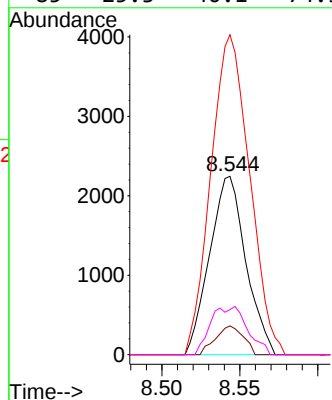
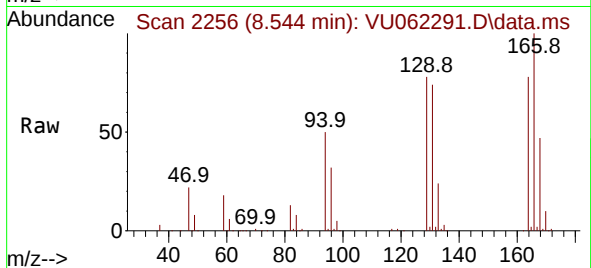
Ion Ratio Lower Upper

97 100

99 16.1 43.0 79.8#

83 179.3 61.7 114.5#

85 25.3 40.1 74.5#



#47

Tetrachloroethene

Concen: 58.769 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU062291.D

Acq: 12 Dec 2024 16:30

Tgt Ion:164 Resp: 360602

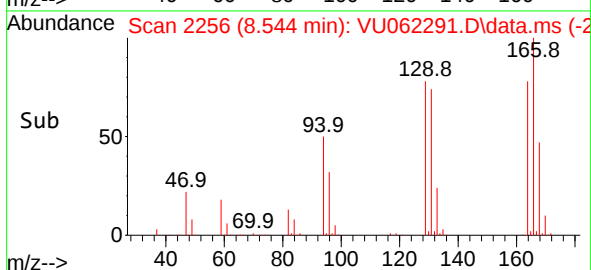
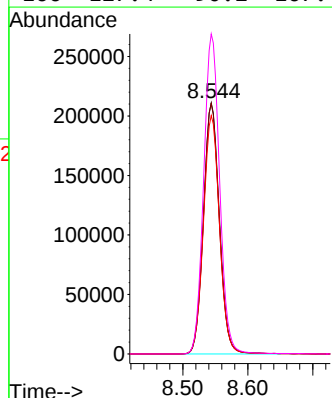
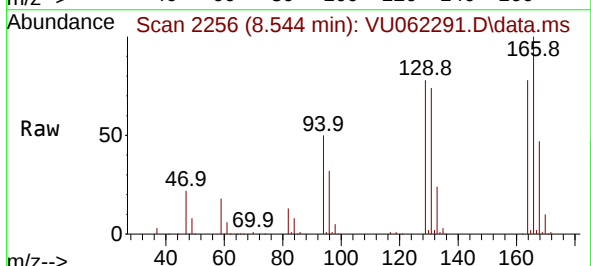
Ion Ratio Lower Upper

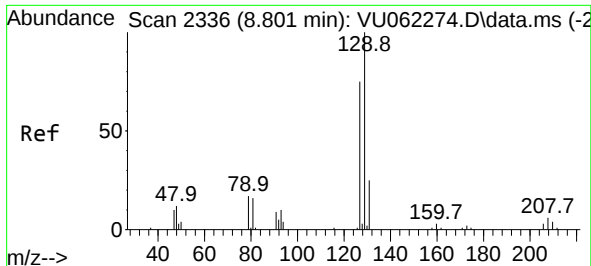
164 100

129 99.7 73.2 136.0

131 94.9 72.3 134.3

166 127.4 90.2 167.4

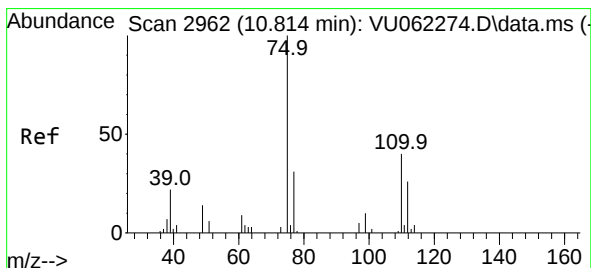
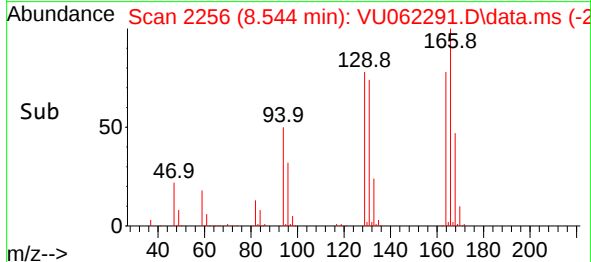
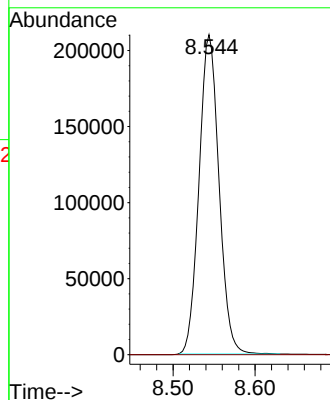
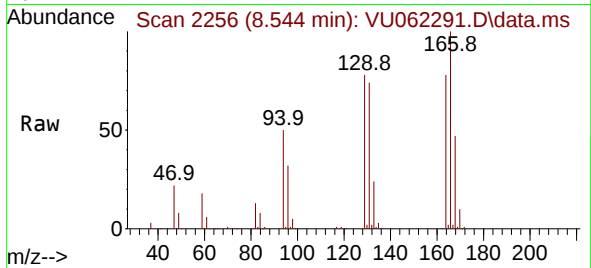




#49
Dibromochloromethane
Concen: 56.890 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU062291.D
Acq: 12 Dec 2024 16:30

Instrument :
MSVOA_U
ClientSampleId :
E29R6

Tgt Ion:129 Resp: 354506
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#



#61
1,2,3-Trichloropropane
Concen: 1.086 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU062291.D
Acq: 12 Dec 2024 16:30

Tgt Ion: 75 Resp: 4235
Ion Ratio Lower Upper
75 100
110 1.5 28.9 43.3#
77 33.2 26.5 39.7

