

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058494.D
 Acq On : 09 Apr 2024 01:39
 Operator : MD/SY
 Sample : P2013-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 05:53:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

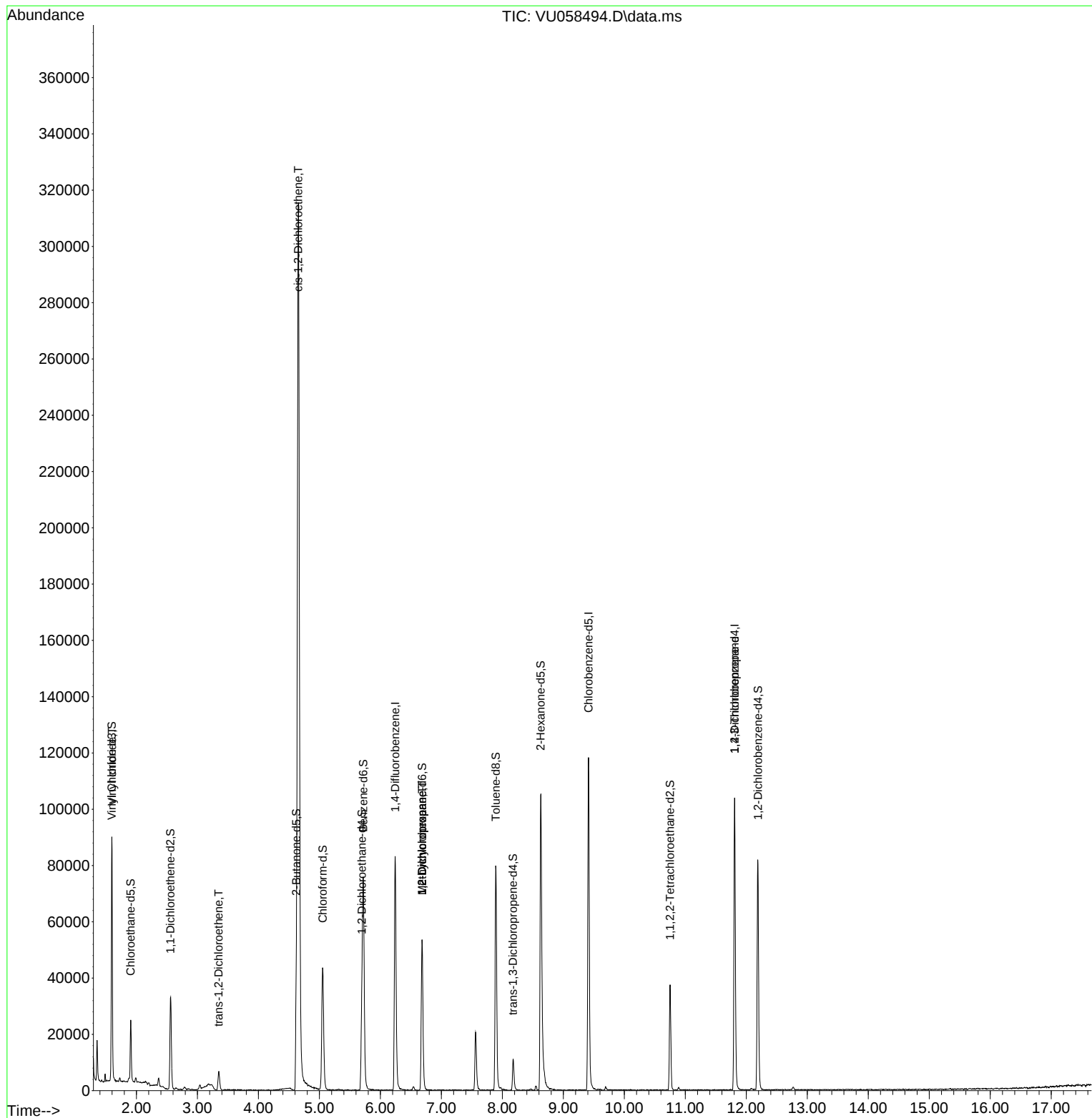
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	65484	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27445	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13602	3.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.904	69	14589	3.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.557	65	6560	3.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.621	46	54826	60.008	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.020%
24) Chloroform-d	5.052	84	40977	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	20419	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.718	84	68982	4.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	25843	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	54164	3.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.174	79	6842	4.082	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.628	63	36737	53.136	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19678	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	21423	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	44631	6.690	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	2374	0.488	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	154256	28.241	ug/L	96
35) Methylcyclohexane	6.682	83	5657	0.642	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2701	0.443	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3865	1.380	ug/L #	70

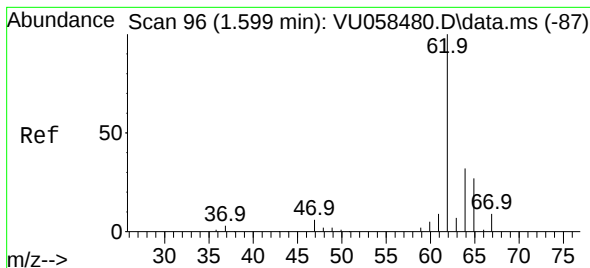
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.690 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

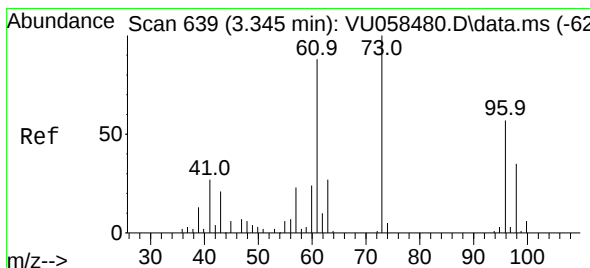
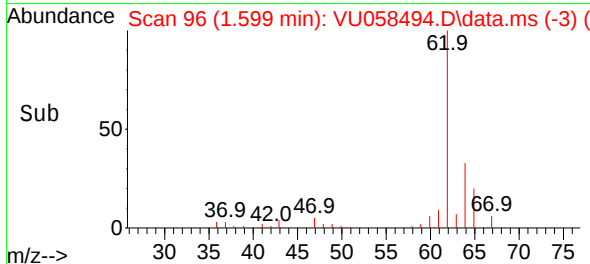
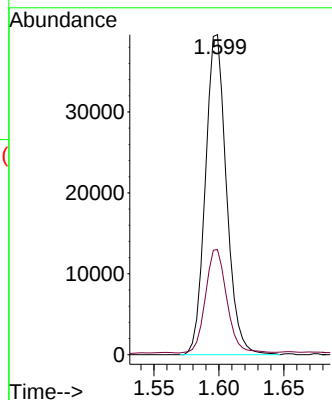
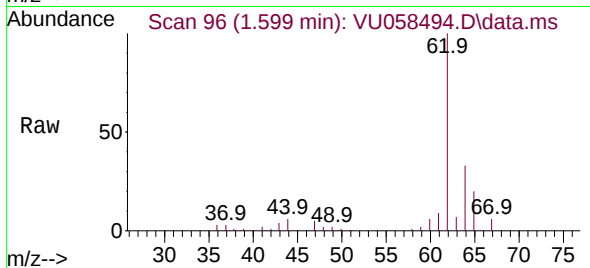
ClientSampleId :

Tgt Ion: 62 Resp: 44631

Ion Ratio Lower Upper

62 100

64 32.9 22.6 42.0



#18

trans-1,2-Dichloroethene

Concen: 0.488 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU058494.D

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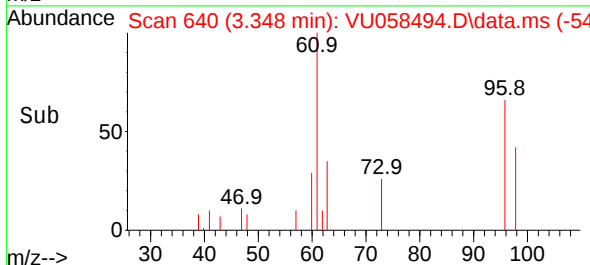
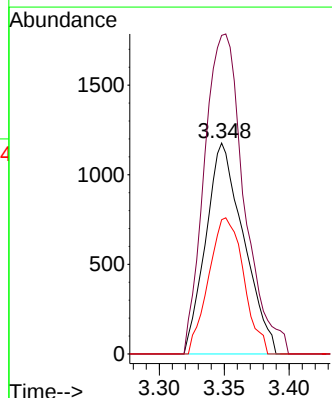
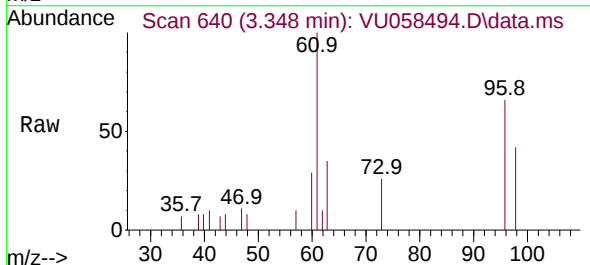
Tgt Ion: 96 Resp: 2374

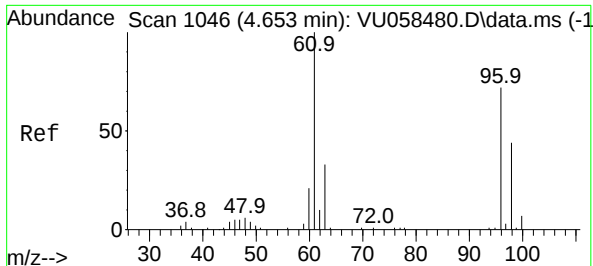
Ion Ratio Lower Upper

96 100

61 151.1 107.6 199.8

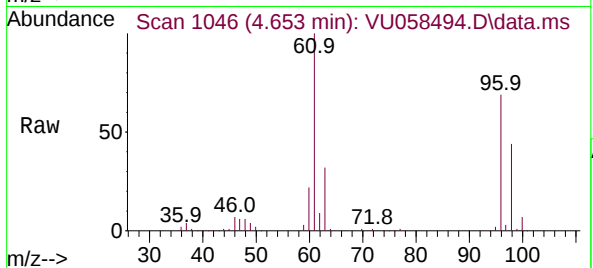
98 63.6 45.1 83.7



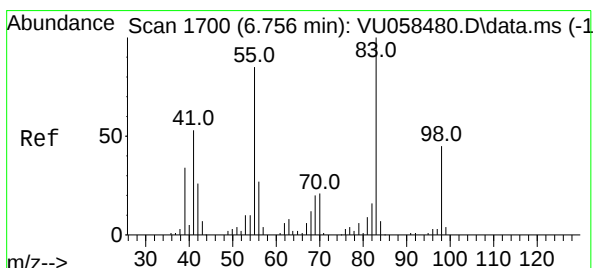
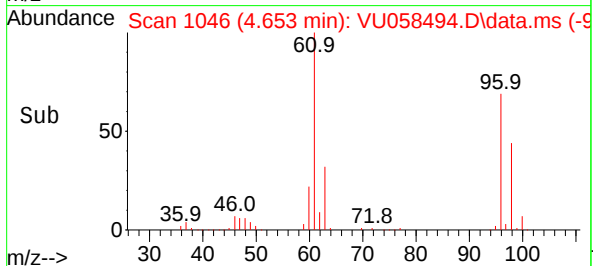
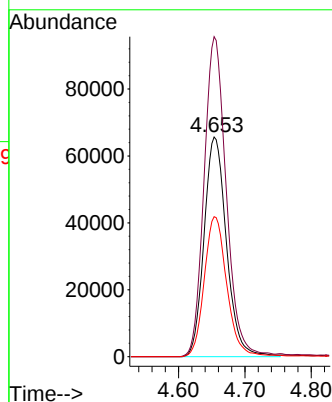


#22
 cis-1,2-Dichloroethene
 Concen: 28.241 ug/L
 RT: 4.653 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU058494.D
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Instrument :
 MSVOA_U
 ClientSampleId :

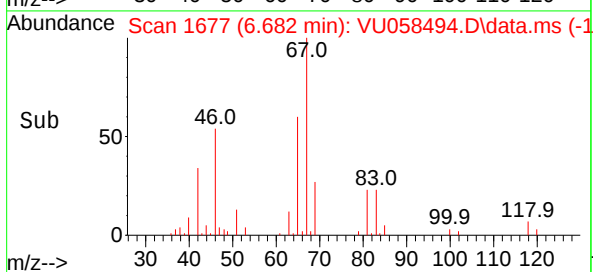
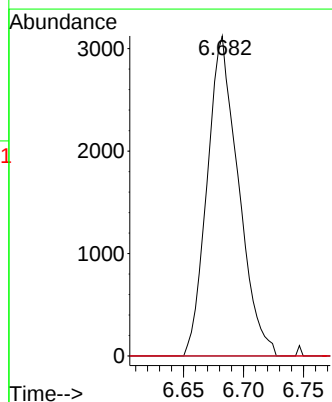
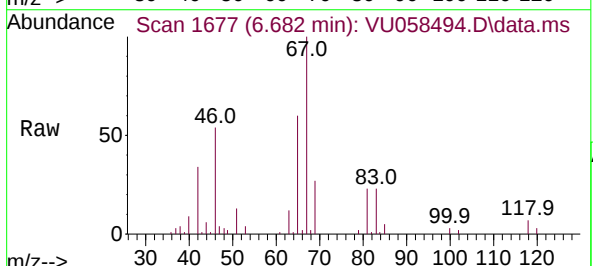


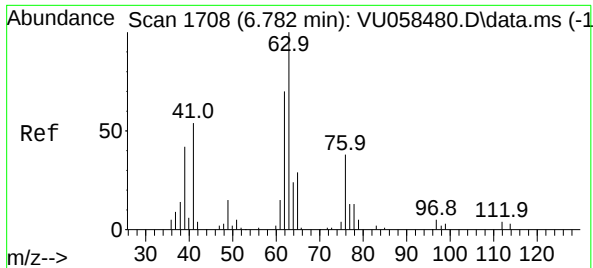
Tgt Ion: 96 Resp: 154256
 Ion Ratio Lower Upper
 96 100
 61 145.6 98.1 182.3
 98 63.7 43.6 81.0



#35
 Methylcyclohexane
 Concen: 0.642 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058494.D
 Acq: 09 Apr 2024 01:39

Tgt Ion: 83 Resp: 5657
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.4#
 98 0.0 34.6 52.0#

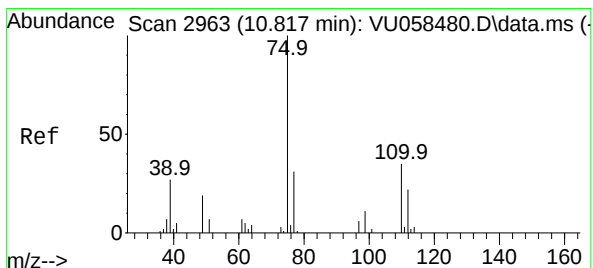
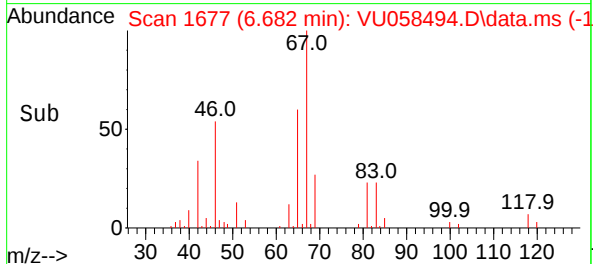
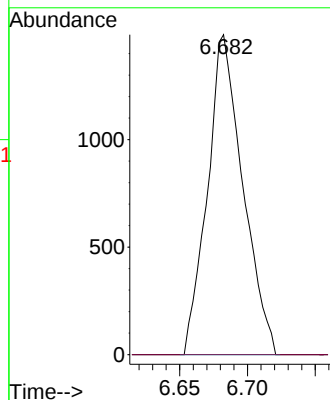
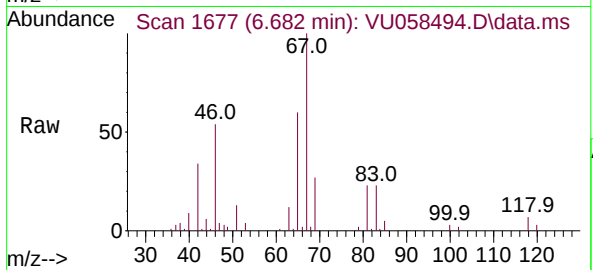




#37
1,2-Dichloropropane
Concen: 0.443 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058494.D
Acq: 09 Apr 2024 01:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2701
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.380 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058494.D
Acq: 09 Apr 2024 01:39

Tgt Ion: 75 Resp: 3865
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.3 25.1 37.7

