

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056029.D
 Acq On : 31 Oct 2023 21:45
 Operator : MD/SY
 Sample : 05114-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:14:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

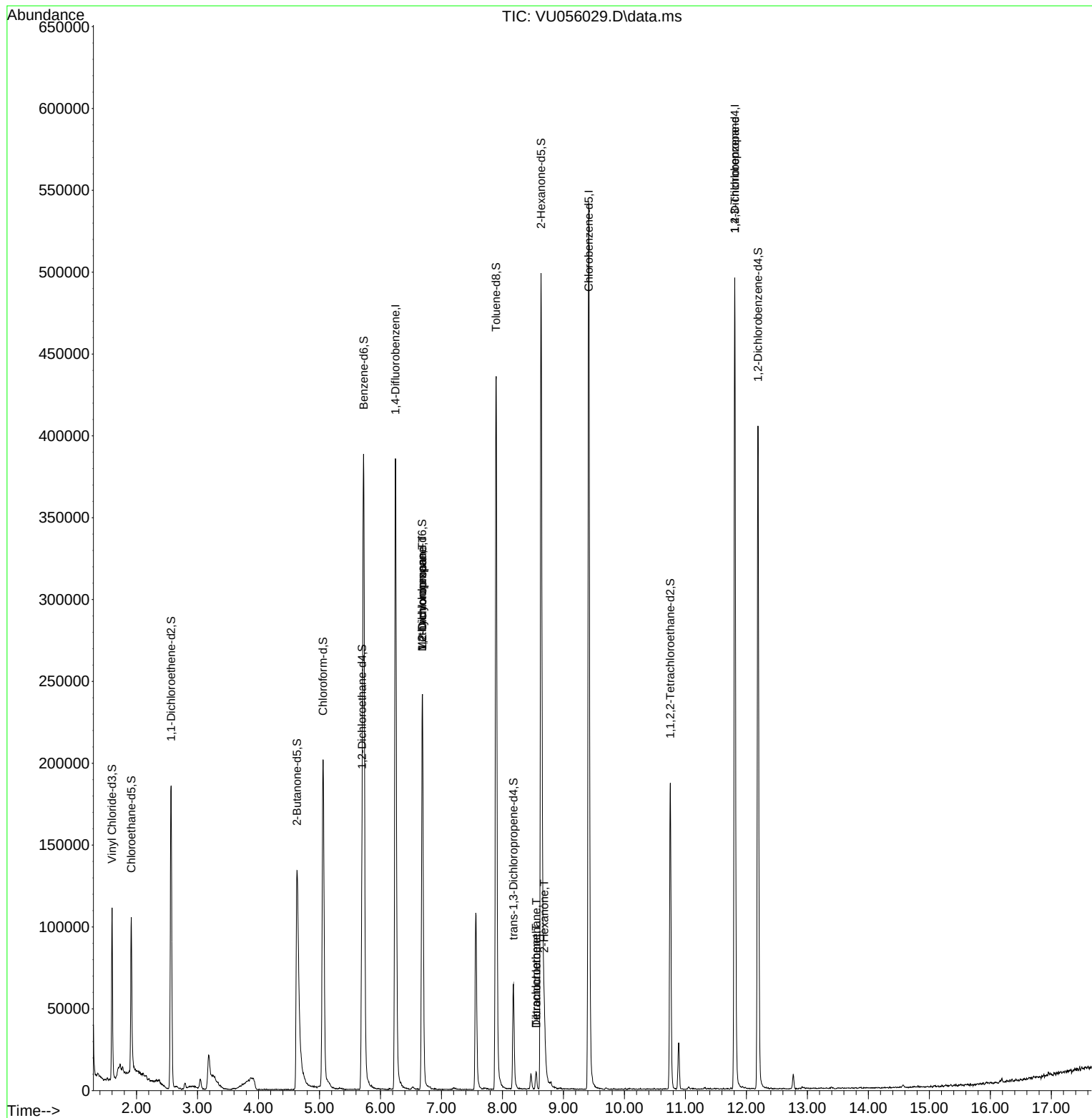
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	331176	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	330531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	141938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78164	2.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.914	69	74677	3.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.566	65	35273	3.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.631	46	236543	50.612	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.220%
24) Chloroform-d	5.058	84	199283	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.698	65	98040	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.724	84	383654	3.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.685	67	126205	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.897	98	315163	3.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.180	79	41288	3.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.634	63	179773	62.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98439	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	113493	4.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	28787	1.045	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	13250	0.684	ug/L #	89
47) Tetrachloroethene	8.553	164	2375	0.166	ug/L	89
48) 2-Hexanone	8.685	43	16915	2.304	ug/L #	87
49) Dibromochloromethane	8.557	129	2275	0.152	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	15857	1.627	ug/L #	66

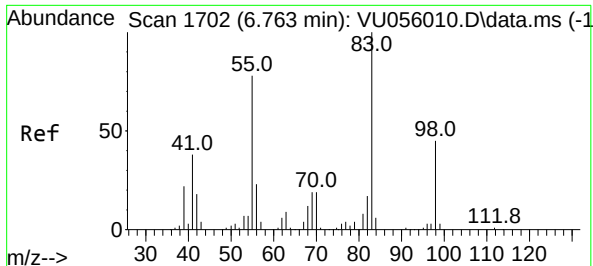
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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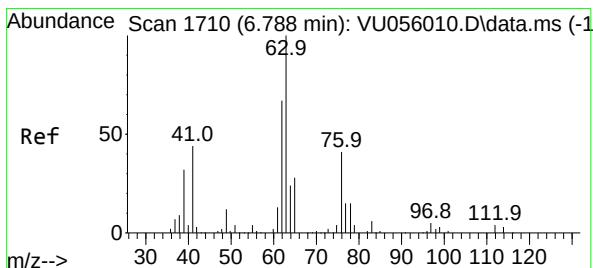
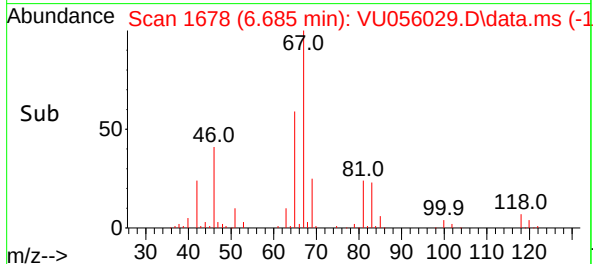
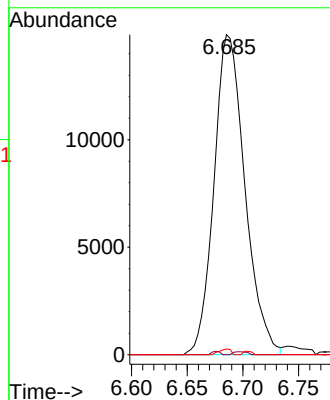
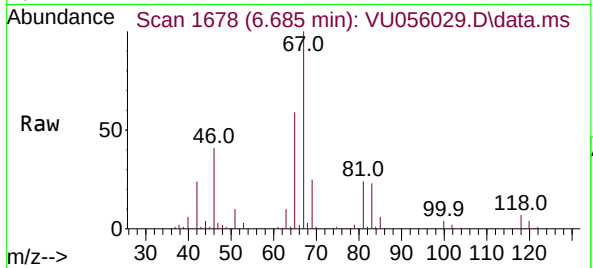




#35
Methylcyclohexane
Concen: 1.045 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056029.D
Acq: 31 Oct 2023 21:45

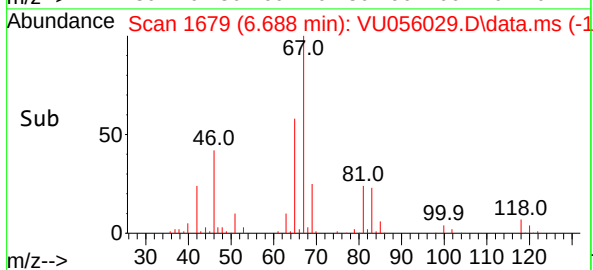
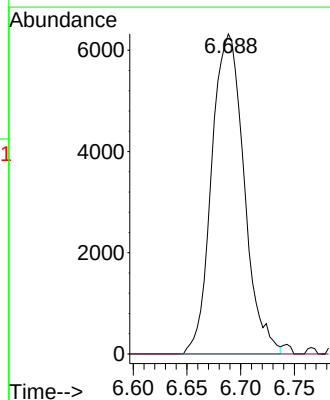
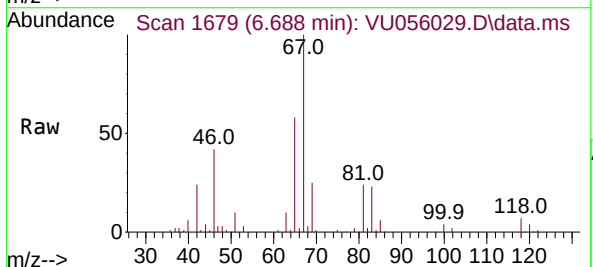
Instrument :
MSVOA_U
ClientSampleId :

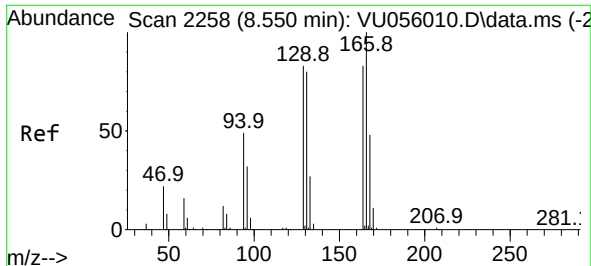
Tgt Ion	83	Resp	28787
Ion Ratio	Lower	Upper	
83	100		
55	0.3	62.4	93.6#
98	0.7	37.4	56.2#



#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056029.D
Acq: 31 Oct 2023 21:45

Tgt Ion	63	Resp	13250
Ion Ratio	Lower	Upper	
63	100		
112	0.2	3.1	4.7#





#47

Tetrachloroethene

Concen: 0.166 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

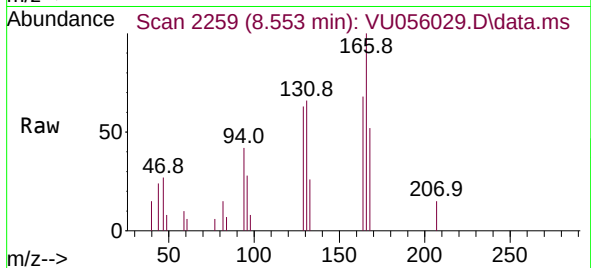
Lab File: VU056029.D

Acq: 31 Oct 2023 21:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2375

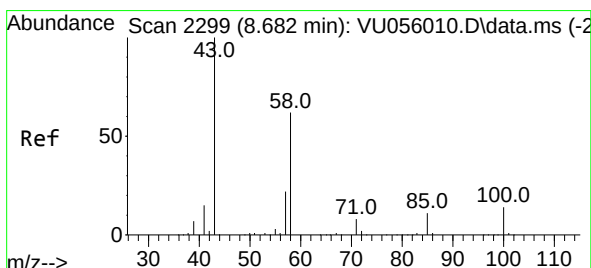
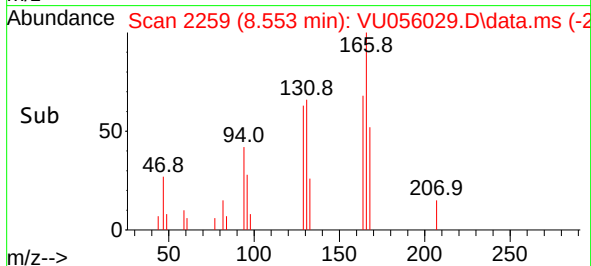
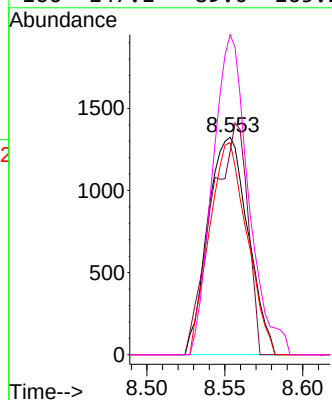
Ion Ratio Lower Upper

164 100

129 93.4 72.2 134.0

131 97.4 70.8 131.6

166 147.1 89.0 165.2



#48

2-Hexanone

Concen: 2.304 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU056029.D

Acq: 31 Oct 2023 21:45

Tgt Ion: 43 Resp: 16915

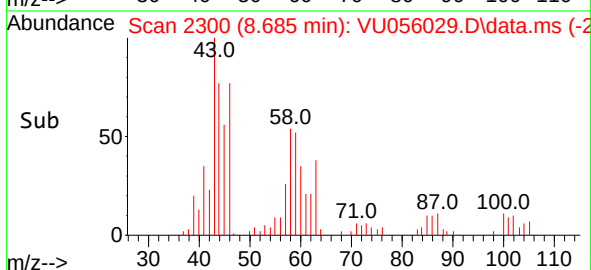
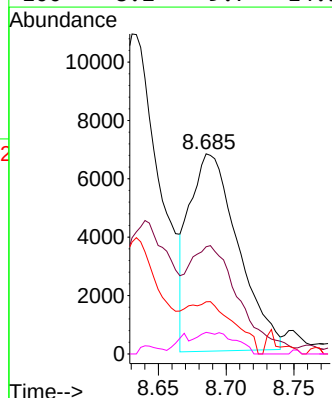
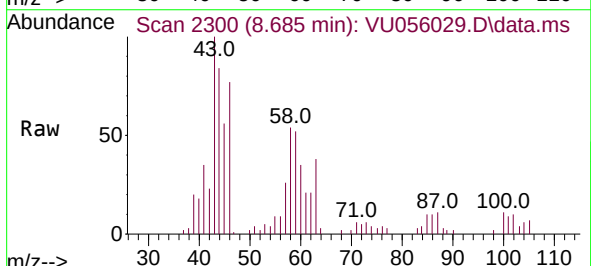
Ion Ratio Lower Upper

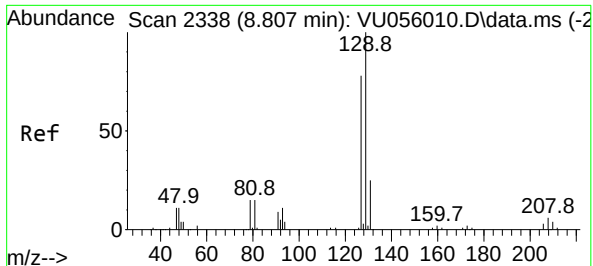
43 100

58 50.2 49.5 74.3

57 25.7 16.9 25.3#

100 8.2 9.7 14.5#





#49

Dibromochloromethane

Concen: 0.152 ug/L

RT: 8.557 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU056029.D

Acq: 31 Oct 2023 21:45

Instrument :

MSVOA_U

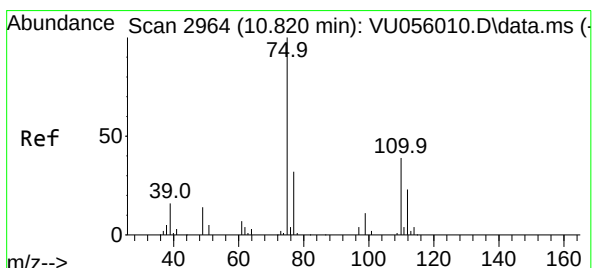
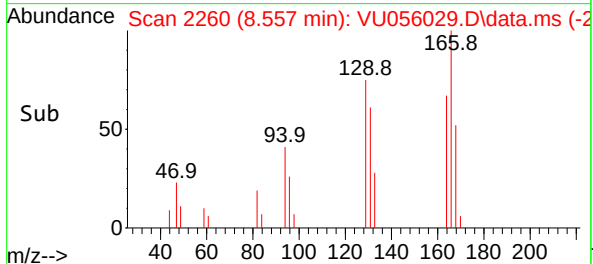
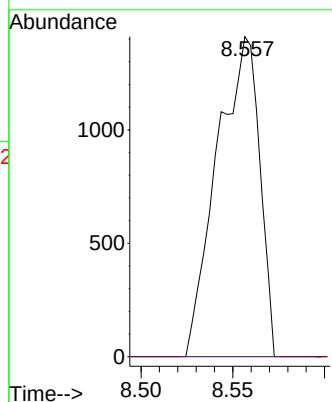
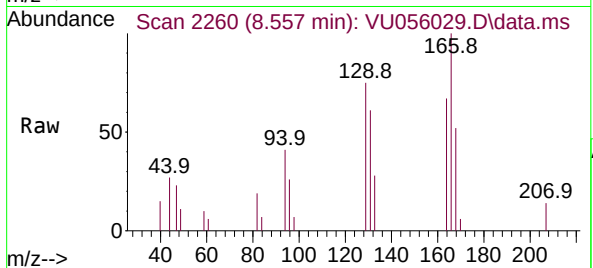
ClientSampleId :

Tgt Ion:129 Resp: 2275

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.627 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU056029.D

Acq: 31 Oct 2023 21:45

Tgt Ion: 75 Resp: 15857

Ion Ratio Lower Upper

75 100

110 2.3 29.0 43.6#

77 33.3 24.5 36.7

