

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
 Data File : VU058696.D
 Acq On : 15 Apr 2024 17:42
 Operator : MD/SY
 Sample : P2055-11DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

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

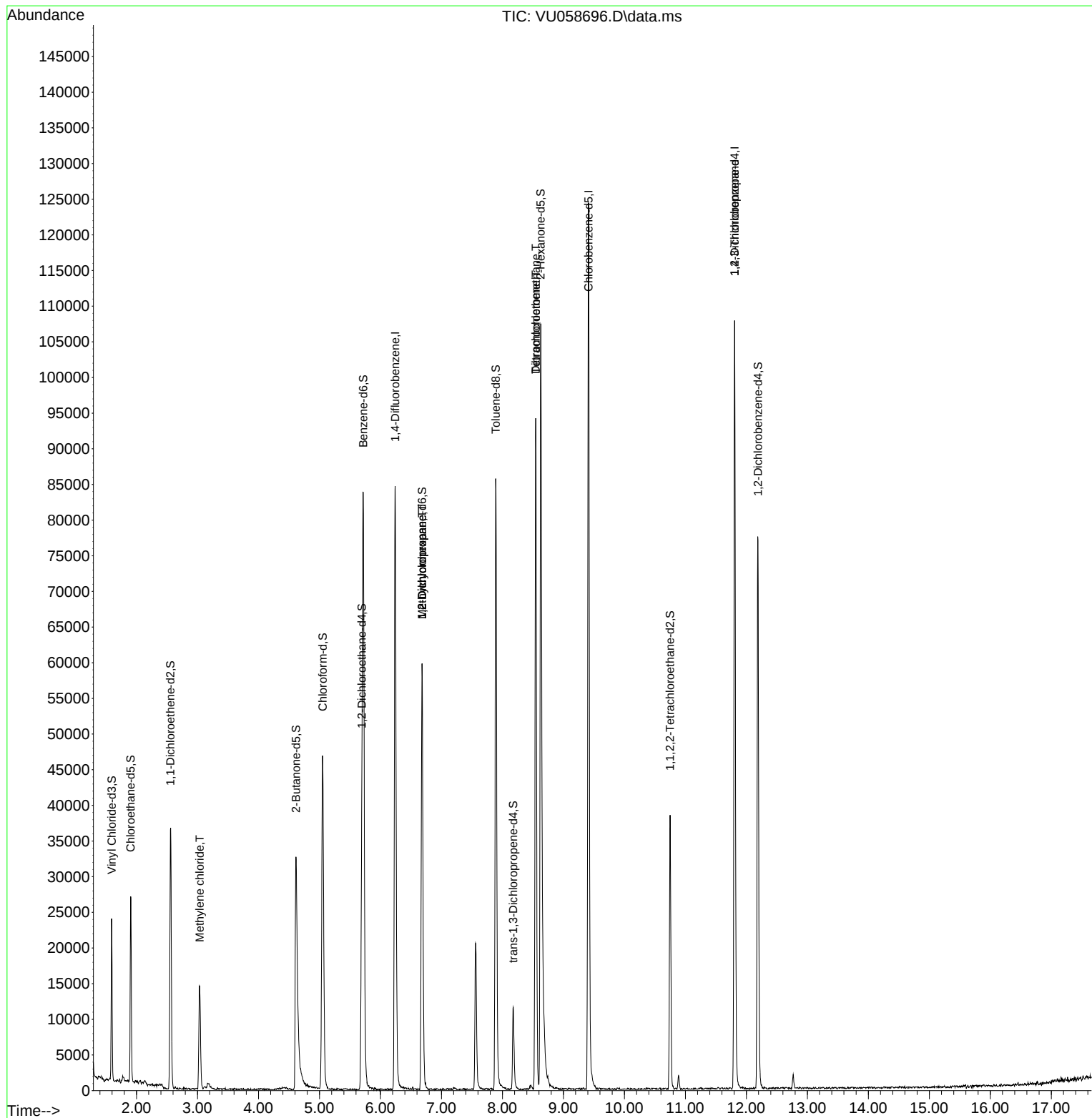
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28264	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15495	3.515	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.904	69	18045	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.557	65	7266	3.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.615	46	55438	59.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.360%
24) Chloroform-d	5.052	84	43358	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	23101	5.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.718	84	77251	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.682	67	28258	5.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	58194	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.177	79	7384	4.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.627	63	39180	54.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19689	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	20053	4.212	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	6571	1.049	ug/L	95
35) Methylcyclohexane	6.682	83	5982	0.655	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3253	0.514	ug/L #	90
47) Tetrachloroethene	8.547	164	19638	4.417	ug/L	97
49) Dibromochloromethane	8.547	129	18909	4.424	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	3863	1.340	ug/L #	71

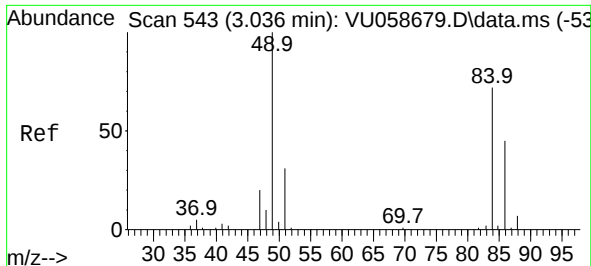
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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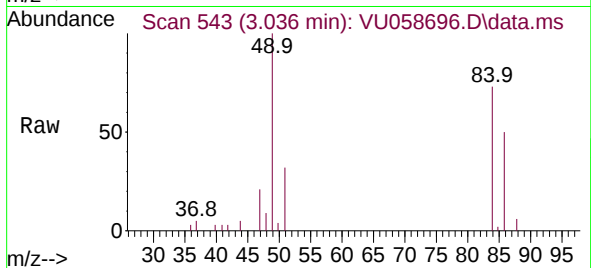
Quant Time: Apr 16 00:42:23 2024
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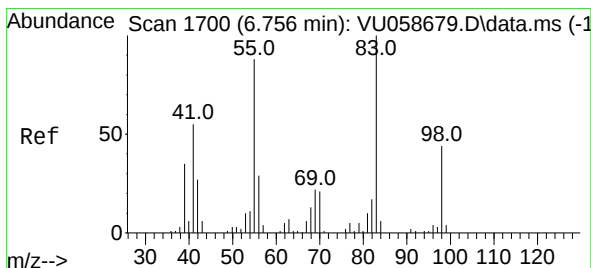
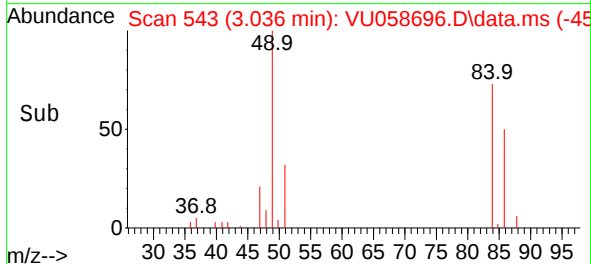
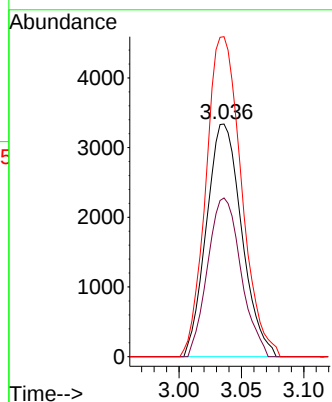


#16
Methylene chloride
Concen: 1.049 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU058696.D
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Instrument :
MSVOA_U
ClientSampleId :

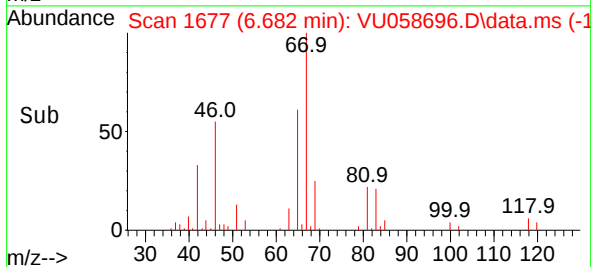
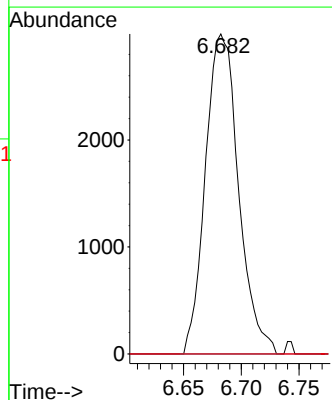
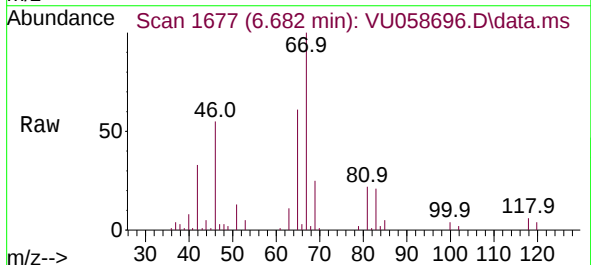


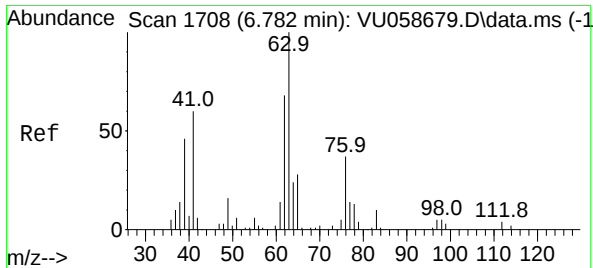
Tgt Ion: 84 Resp: 6571
Ion Ratio Lower Upper
84 100
86 68.2 44.3 82.3
49 142.9 96.0 178.2



#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058696.D
Acq: 15 Apr 2024 17:42

Tgt Ion: 83 Resp: 5982
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

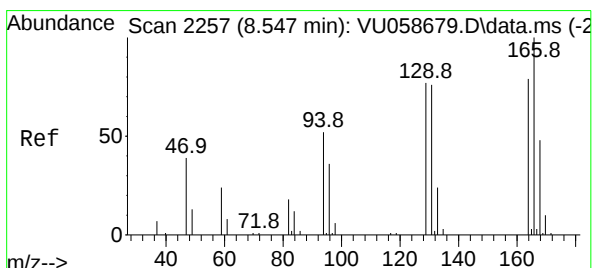
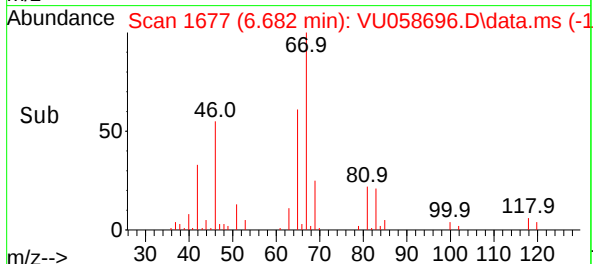
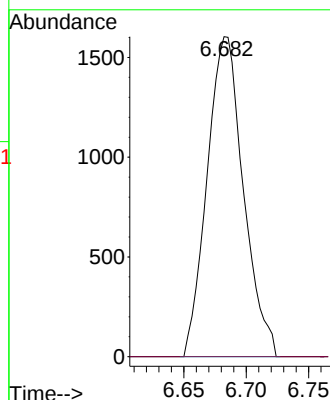
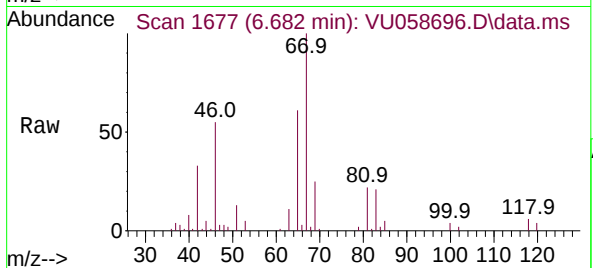




#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058696.D
Acq: 15 Apr 2024 17:42

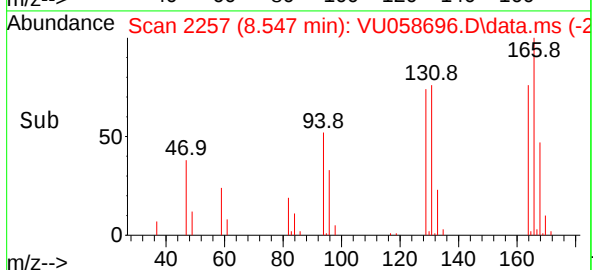
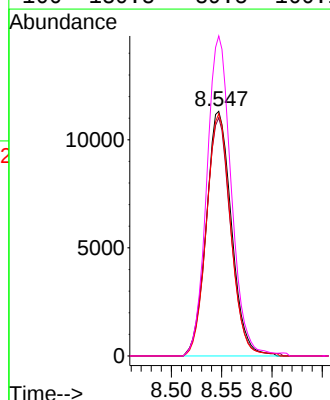
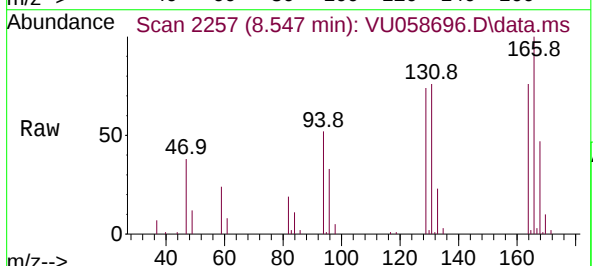
Instrument :
MSVOA_U
ClientSampleId :

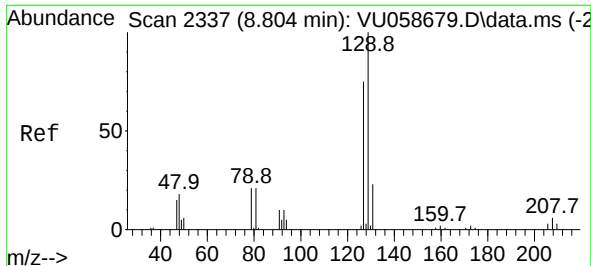
Tgt Ion: 63 Resp: 3253
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#47
Tetrachloroethene
Concen: 4.417 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058696.D
Acq: 15 Apr 2024 17:42

Tgt Ion:164 Resp: 19638
Ion Ratio Lower Upper
164 100
129 97.4 67.3 125.1
131 99.0 65.5 121.6
166 130.8 89.5 166.1





#49

Dibromochloromethane

Concen: 4.424 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058696.D

Acq: 15 Apr 2024 17:42

Instrument :

MSVOA_U

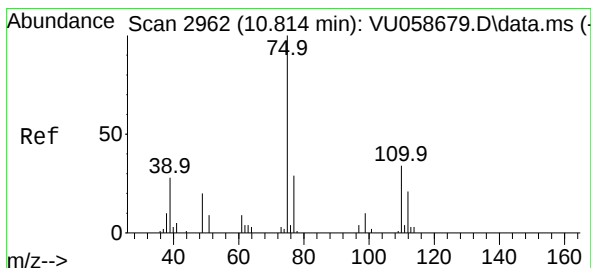
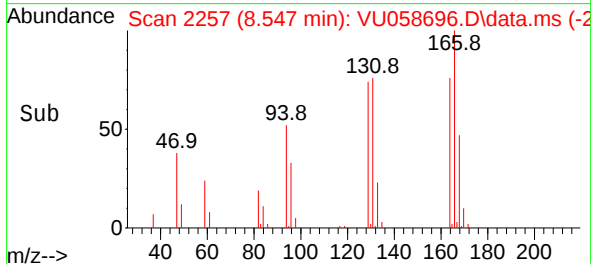
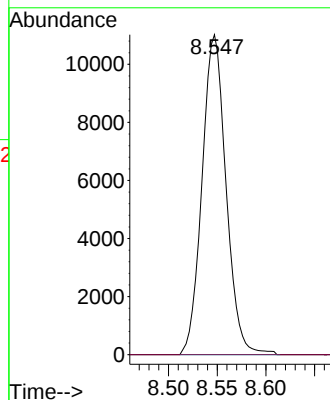
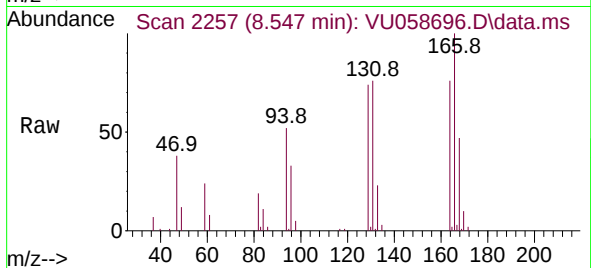
ClientSampleId :

Tgt Ion:129 Resp: 18909

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.340 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU058696.D

Acq: 15 Apr 2024 17:42

Tgt Ion: 75 Resp: 3863

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 31.6 25.1 37.7

