

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062483.D
 Acq On : 19 Dec 2024 18:24
 Operator : MD/SY
 Sample : P5305-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:41:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

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

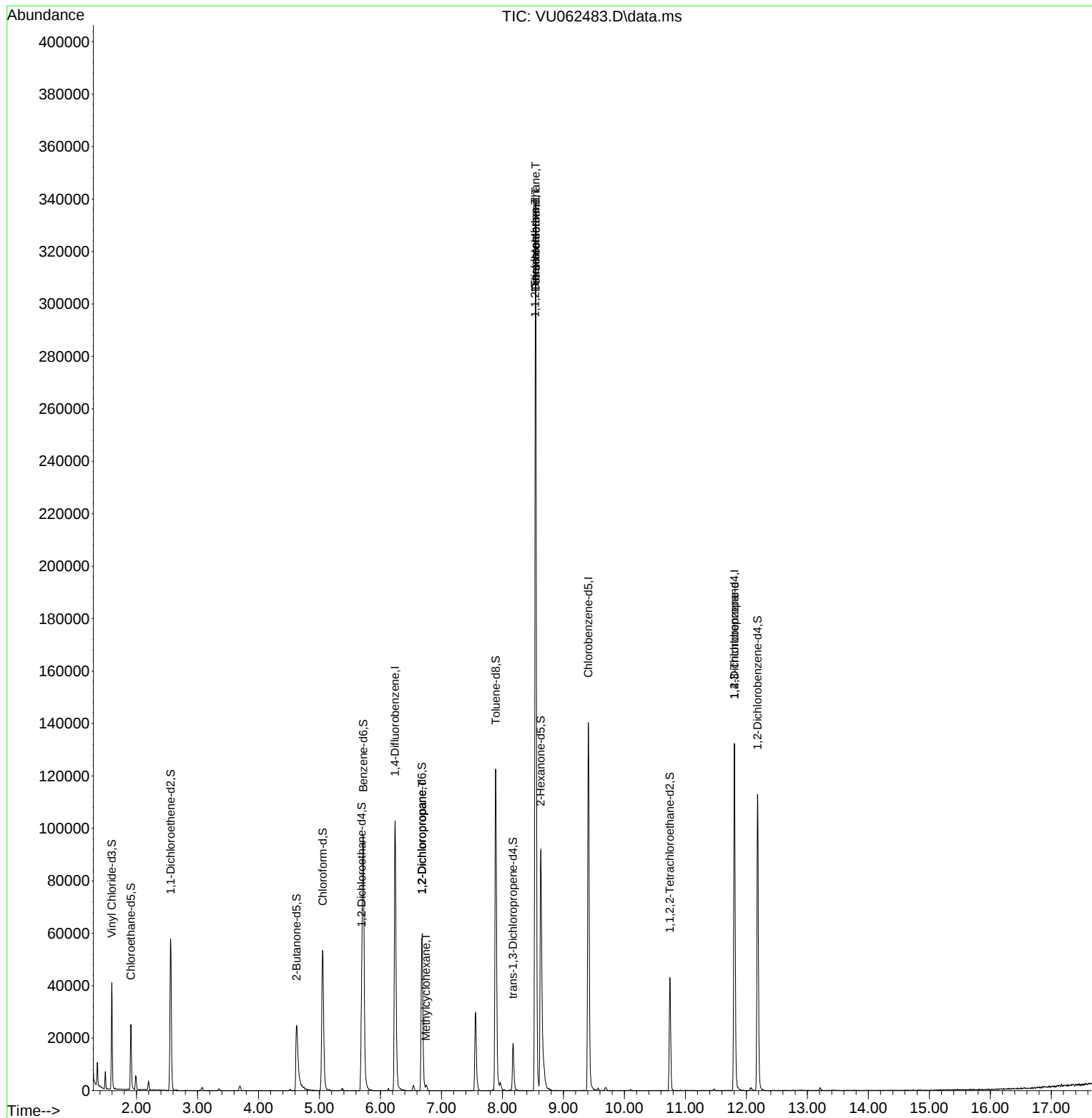
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85070	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22015	3.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.907	69	17449	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	11207	4.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.624	46	39264	35.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.400%
24) Chloroform-d	5.052	84	53114	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.692	65	29318	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.718	84	93146	3.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.679	67	26271	3.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.891	98	88706	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.174	79	11868	4.023	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.627	63	31652	35.568	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20714	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	31851	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.746	83	1080	0.102	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3555	0.579	ug/L #	87
45) 1,1,2-Trichloroethane	8.537	97	689	0.149	ug/L #	2
47) Tetrachloroethene	8.544	164	74796	13.570	ug/L	94
49) Dibromochloromethane	8.544	129	73455	13.123	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3803	1.083	ug/L #	66

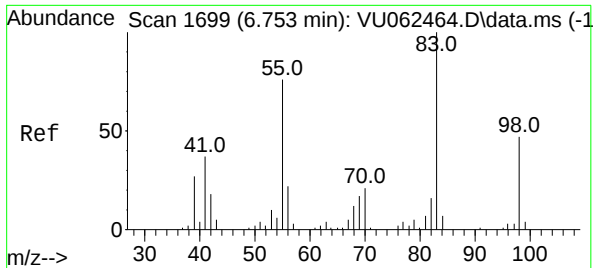
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 00:36:00 2024
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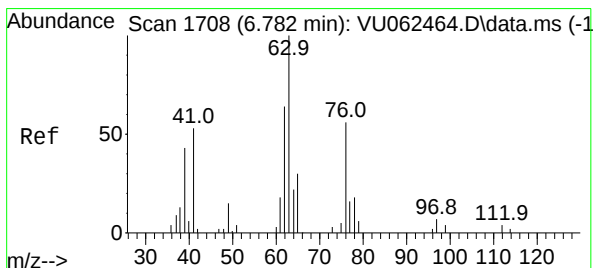
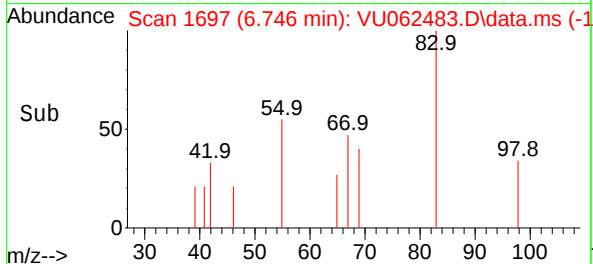
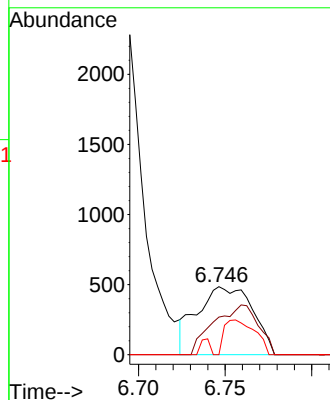
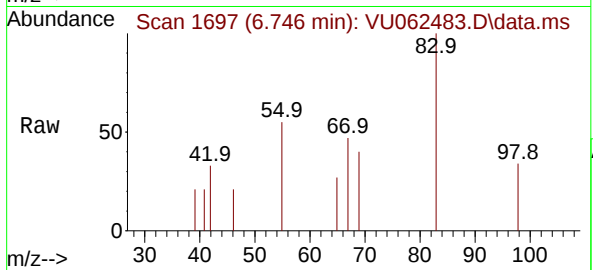




#35
Methylcyclohexane
Concen: 0.102 ug/L
RT: 6.746 min Scan# 1699
Delta R.T. -0.007 min
Lab File: VU062483.D
Acq: 19 Dec 2024 18:24

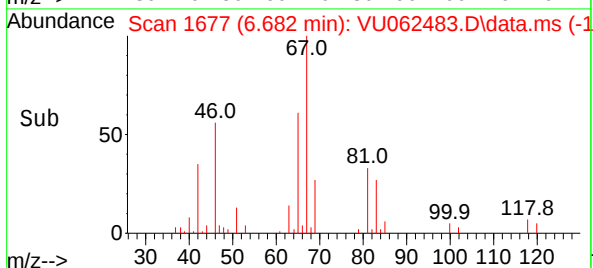
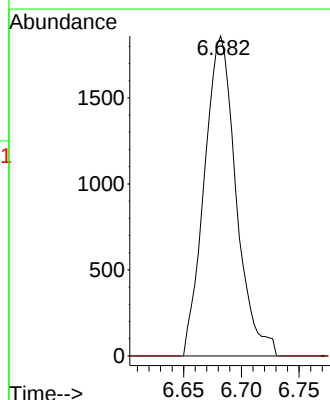
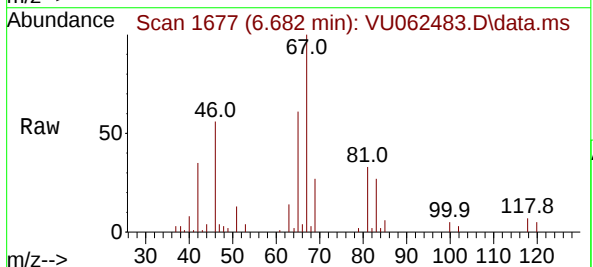
Instrument :
MSVOA_U
ClientSampleId :

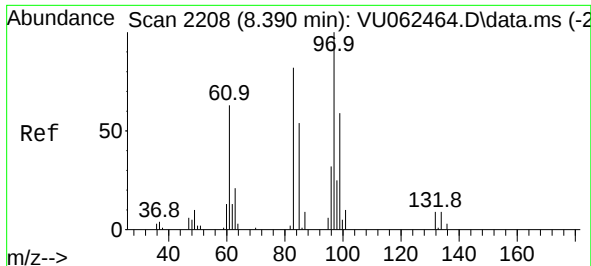
Tgt Ion: 83 Resp: 1080
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 3.9 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062483.D
Acq: 19 Dec 2024 18:24

Tgt Ion: 63 Resp: 3555
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#45

1,1,2-Trichloroethane

Concen: 0.149 ug/L

RT: 8.537 min Scan# 2254

Delta R.T. 0.148 min

Lab File: VU062483.D

Acq: 19 Dec 2024 18:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 689

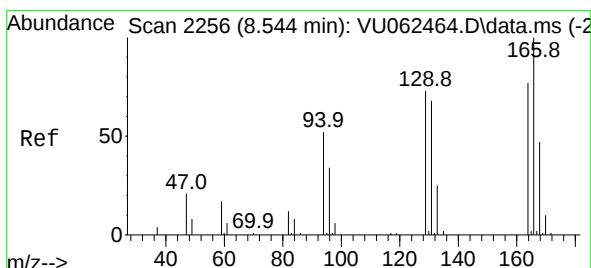
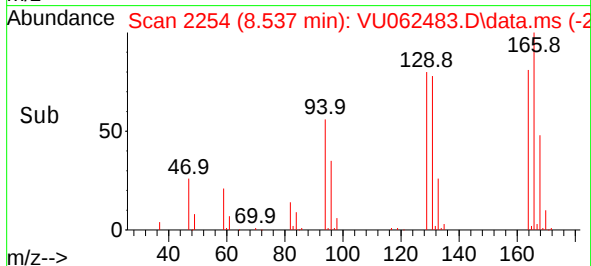
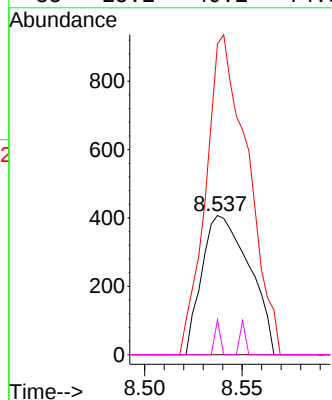
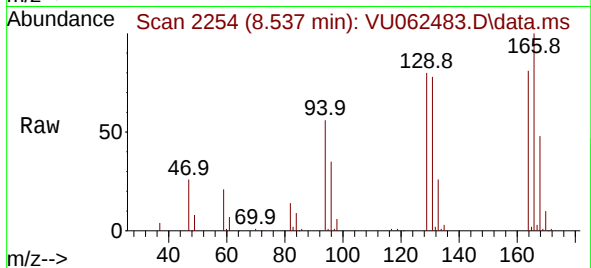
Ion Ratio Lower Upper

97 100

99 0.0 43.0 79.8#

83 223.3 61.7 114.5#

85 25.1 40.1 74.5#



#47

Tetrachloroethene

Concen: 13.570 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062483.D

Acq: 19 Dec 2024 18:24

Tgt Ion:164 Resp: 74796

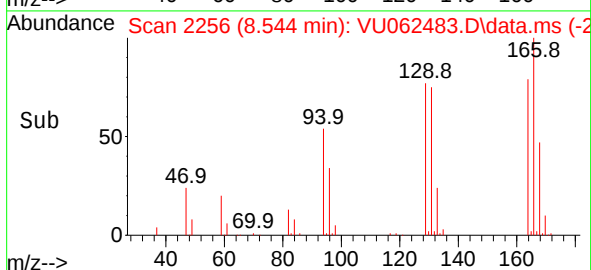
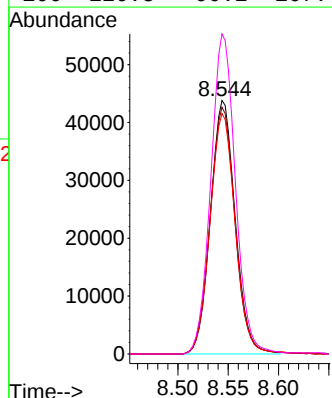
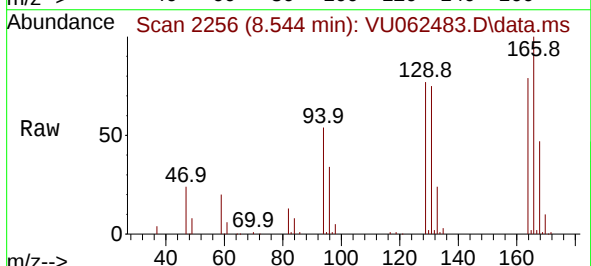
Ion Ratio Lower Upper

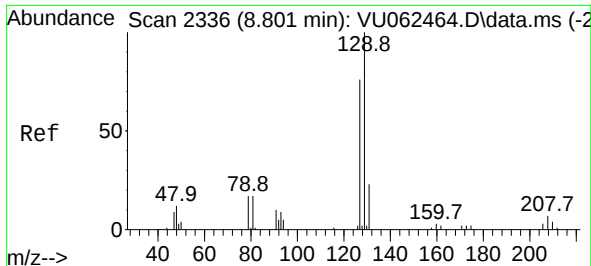
164 100

129 97.4 73.2 136.0

131 94.9 72.3 134.3

166 126.3 90.2 167.4





#49

Dibromochloromethane

Concen: 13.123 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062483.D

Acq: 19 Dec 2024 18:24

Instrument :

MSVOA_U

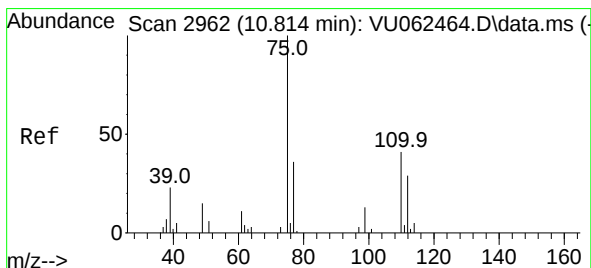
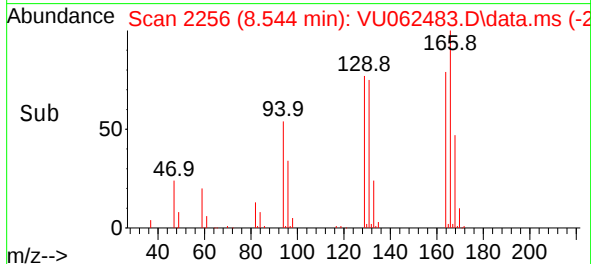
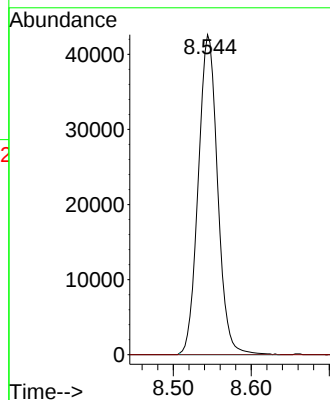
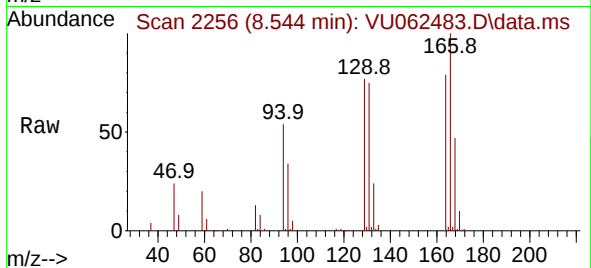
ClientSampleId :

Tgt Ion:129 Resp: 73455

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.083 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062483.D

Acq: 19 Dec 2024 18:24

Tgt Ion: 75 Resp: 3803

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 35.9 26.5 39.7

