

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026985.D
 Acq On : 27 Jul 2022 05:23
 Operator : SY/MD
 Sample : N3880-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUG3

Quant Time: Jul 27 07:04:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

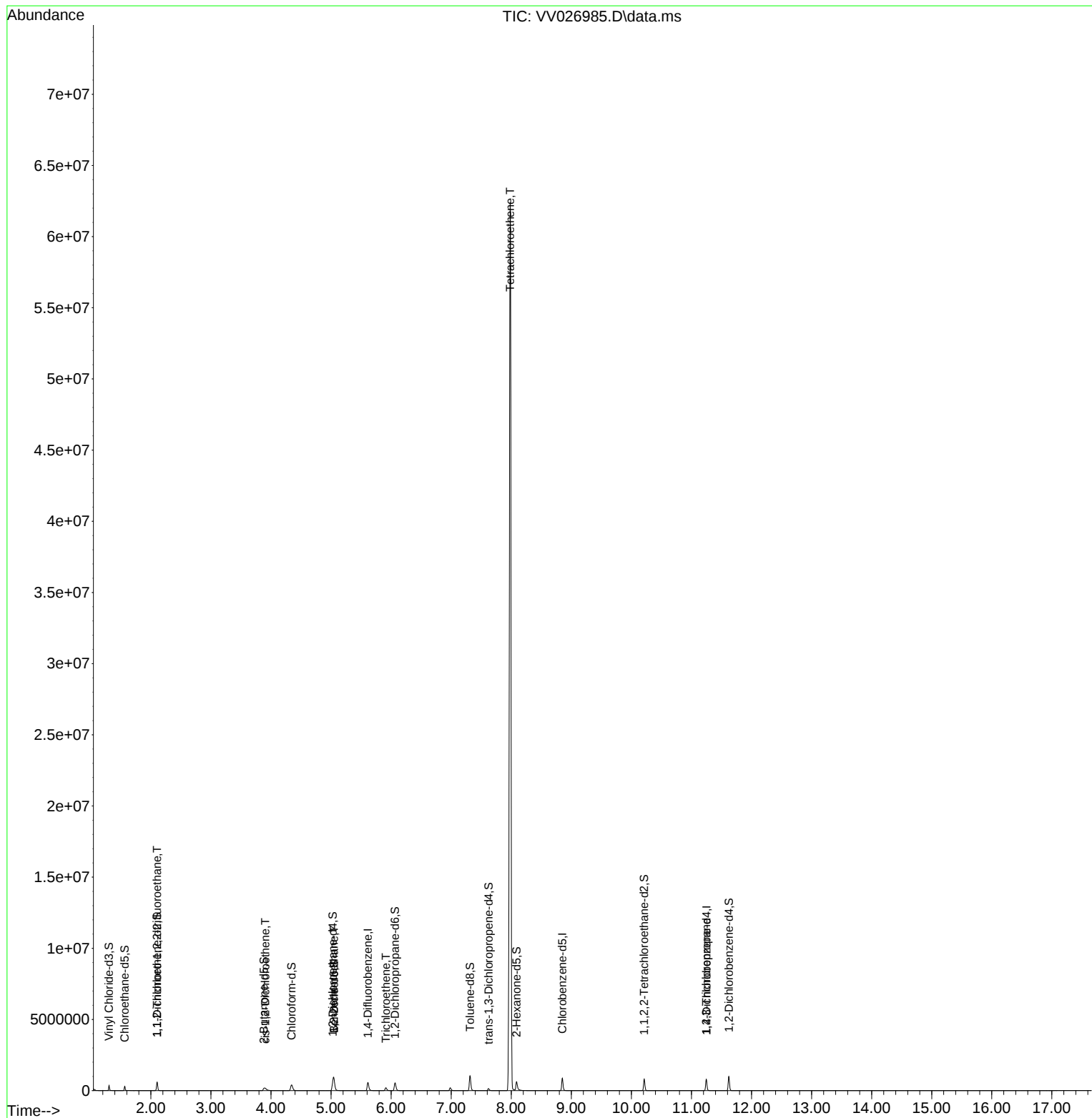
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	515988	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	507134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	218762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	227639	52.601	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.200%			
7) Chloroethane-d5	1.564	69	192396	54.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.900%			
11) 1,1-Dichloroethene-d2	2.105	63	310042	39.822	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.640%			
21) 2-Butanone-d5	3.883	46	301996	103.529	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.530%			
24) Chloroform-d	4.342	84	440956	51.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.540%			
26) 1,2-Dichloroethane-d4	5.027	65	264465	54.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.560%			
32) Benzene-d6	5.047	84	885493	57.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.520%			
36) 1,2-Dichloropropane-d6	6.066	67	284858	57.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.320%			
41) Toluene-d8	7.313	98	729605	54.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.800%			
43) trans-1,3-Dichloroprop...	7.622	79	92253	44.567	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.140%			
47) 2-Hexanone-d5	8.088	63	223063	103.701	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.700%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	389997	51.967	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.940%			
66) 1,2-Dichlorobenzene-d4	11.622	152	263845	64.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 128.580%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3094	0.724	ug/L #	22
20) cis-1,2-Dichloroethene	3.905	96	40270	9.064	ug/L	93
27) 1,2-Dichloroethane	5.047	62	4319	0.739	ug/L	98
34) Trichloroethene	5.912	95	75859	18.101	ug/L	98
46) Tetrachloroethene	7.982	164	15246794	4663.715	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	24088	5.487	ug/L #	66

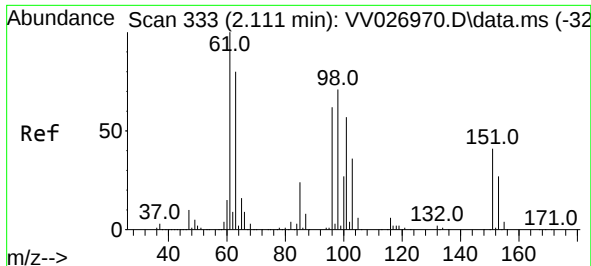
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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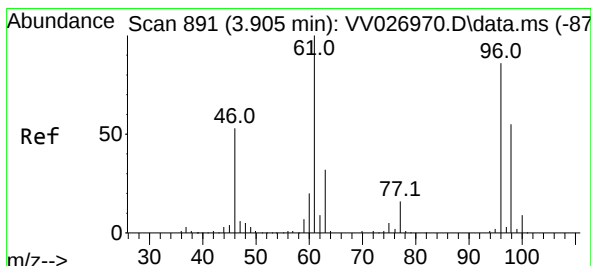
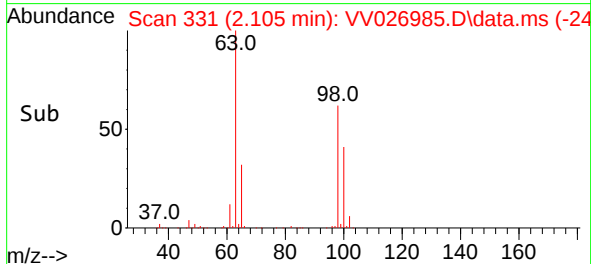
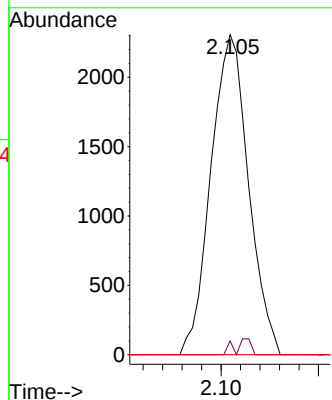
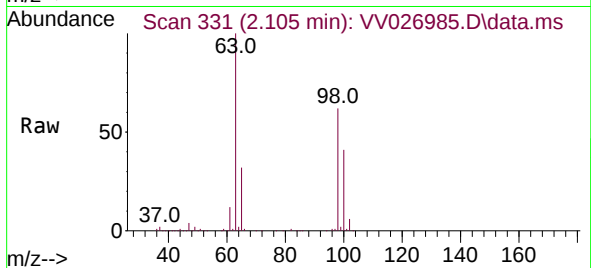




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.724 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV026985.D
Acq: 27 Jul 2022 05:23

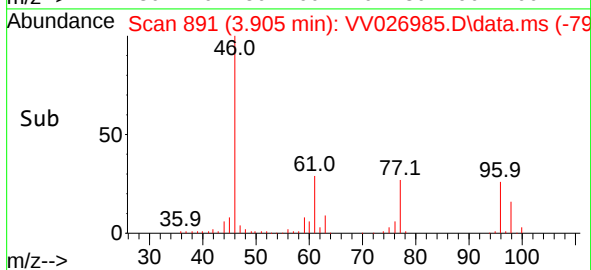
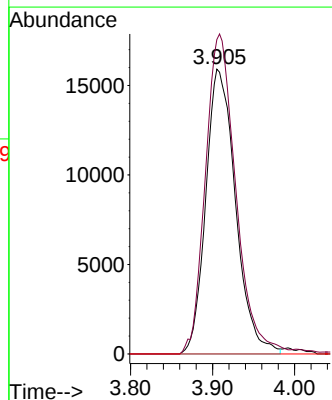
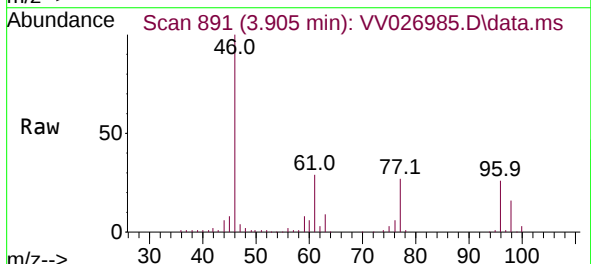
Instrument :
MSVOA_V
ClientSampleId :
DBUG3

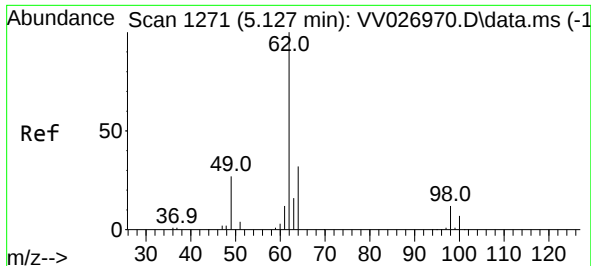
Tgt Ion:101 Resp: 3094
Ion Ratio Lower Upper
101 100
85 0.6 33.1 49.7#
151 0.0 57.1 85.7#



#20
cis-1,2-Dichloroethene
Concen: 9.064 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV026985.D
Acq: 27 Jul 2022 05:23

Tgt Ion: 96 Resp: 40270
Ion Ratio Lower Upper
96 100
61 110.4 83.0 154.1
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.739 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV026985.D

Acq: 27 Jul 2022 05:23

Instrument :

MSVOA_V

ClientSampleId :

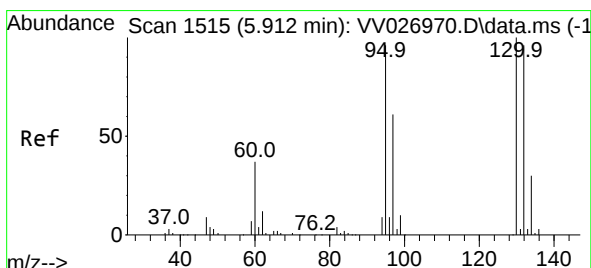
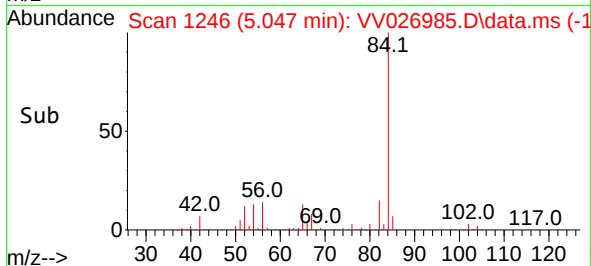
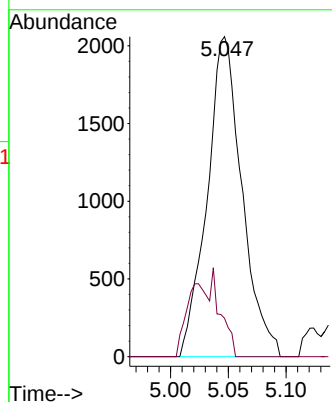
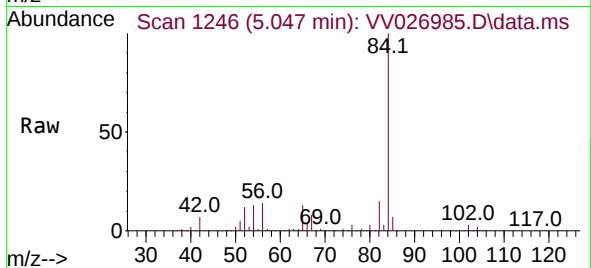
DBUG3

Tgt Ion: 62 Resp: 4319

Ion Ratio Lower Upper

62 100

98 12.0 8.9 13.3



#34

Trichloroethene

Concen: 18.101 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV026985.D

Acq: 27 Jul 2022 05:23

Tgt Ion: 95 Resp: 75859

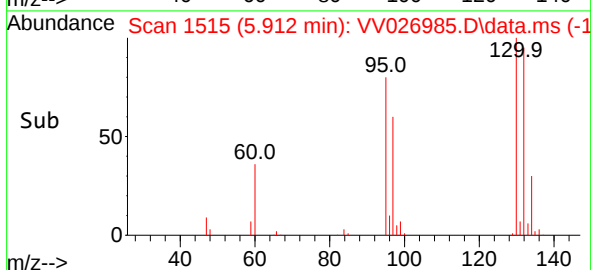
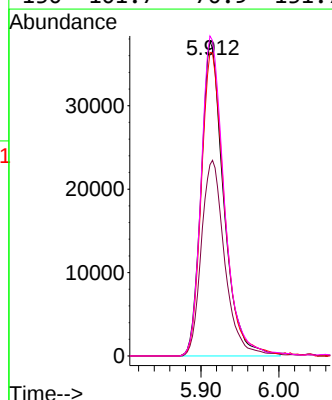
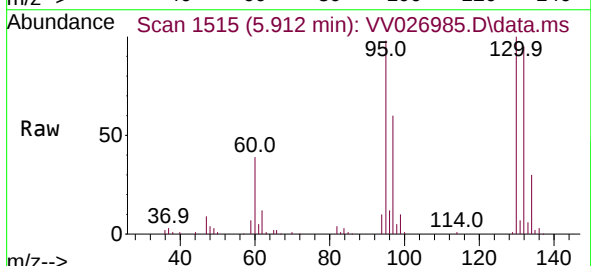
Ion Ratio Lower Upper

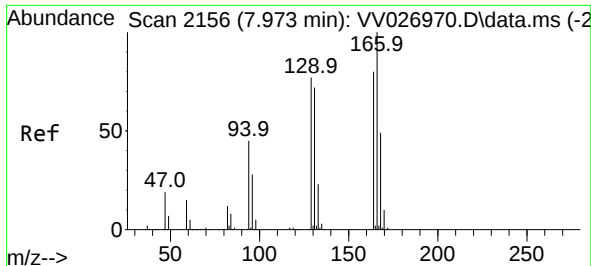
95 100

97 60.8 45.9 85.3

132 96.5 68.1 126.5

130 101.7 70.9 131.7

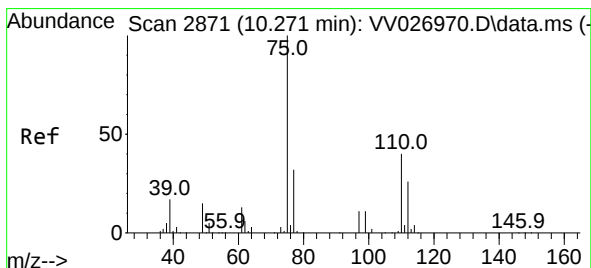
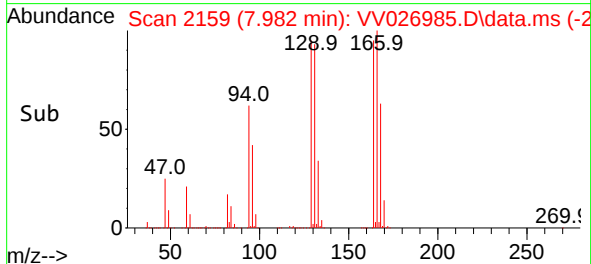
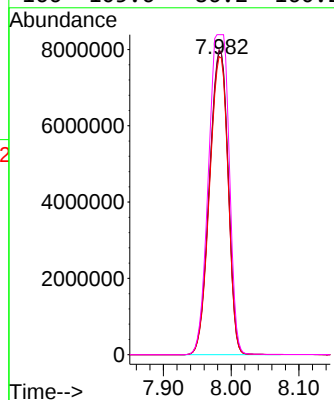
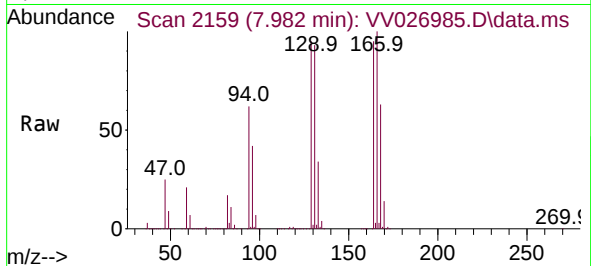




#46
Tetrachloroethene
Concen: 4663.715 ug/L
RT: 7.982 min Scan# 2156
Delta R.T. 0.010 min
Lab File: VV026985.D
Acq: 27 Jul 2022 05:23

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Tgt Ion:164 Resp:15246794
Ion Ratio Lower Upper
164 100
129 100.6 66.3 123.1
131 98.3 63.1 117.3
166 105.6 86.2 160.2



#61
1,2,3-Trichloropropane
Concen: 5.487 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026985.D
Acq: 27 Jul 2022 05:23

Tgt Ion: 75 Resp: 24088
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
110 2.3 31.7 47.5#

