

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102424\
 Data File : VU061210.D
 Acq On : 24 Oct 2024 19:50
 Operator : MD/SY
 Sample : P4533-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 02:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 25 02:35:03 2024
 Response via : Initial Calibration

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

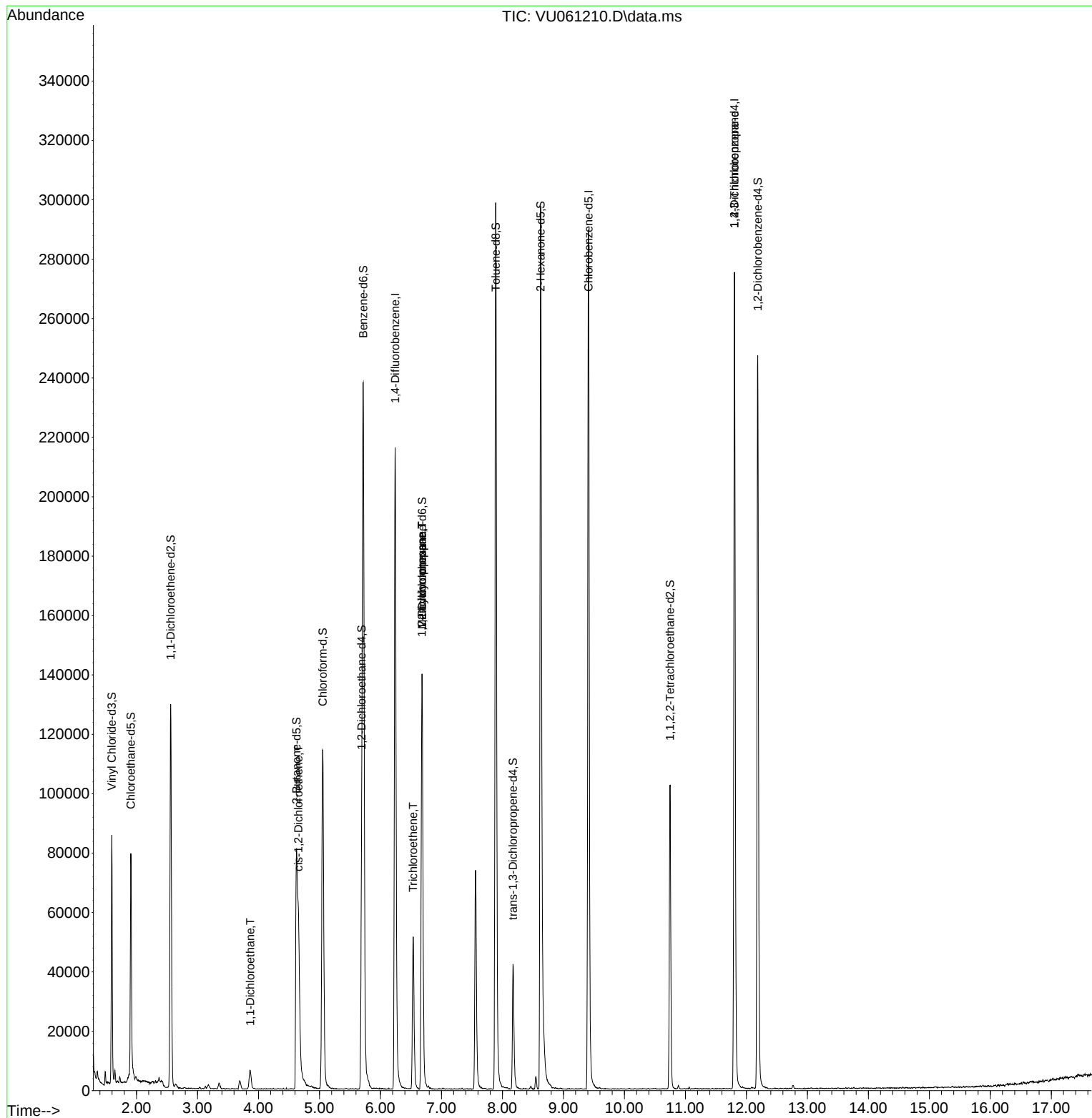
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52739	4.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	51743	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.560	65	24244	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.624	46	124226	47.778	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.560%
24) Chloroform-d	5.055	84	109674	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	59772	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.718	84	233195	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.682	67	68503	4.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	213047	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.174	79	26441	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	112780	47.214	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51143	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	67200	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.866	63	8355	0.359	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	19992	1.420	ug/L	98
34) Trichloroethene	6.537	95	18312	1.291	ug/L	98
35) Methylcyclohexane	6.682	83	16357	0.724	ug/L #	28
37) 1,2-Dichloropropane	6.679	63	7669	0.580	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	9253	1.221	ug/L #	67

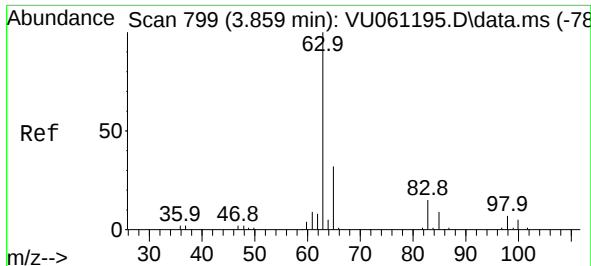
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 25 02:35:03 2024
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#19

1,1-Dichloroethane

Concen: 0.359 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU061210.D

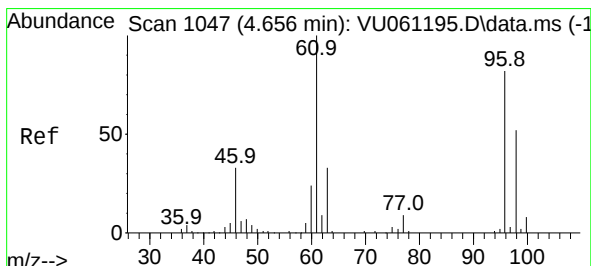
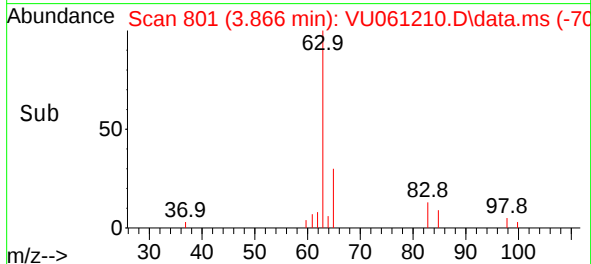
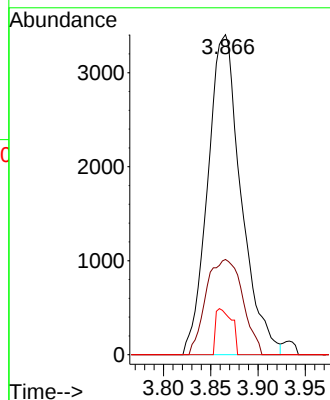
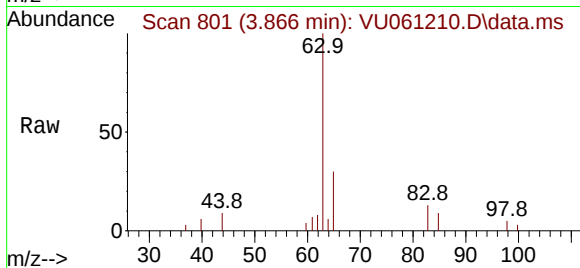
Acq: 24 Oct 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 8355
Ion Ratio	Lower Upper
63	100
65	29.8 23.0 42.6
83	12.8 9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 1.420 ug/L

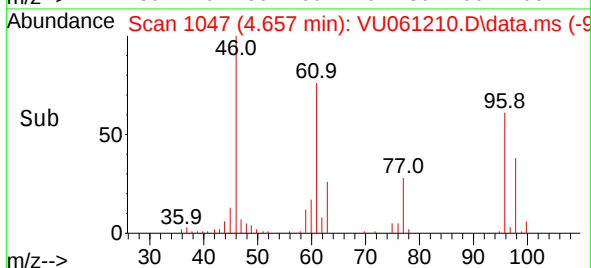
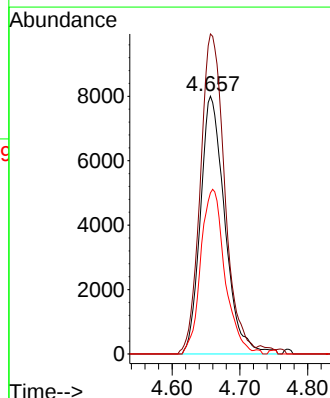
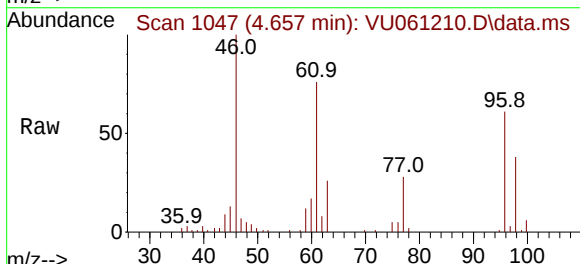
RT: 4.657 min Scan# 1047

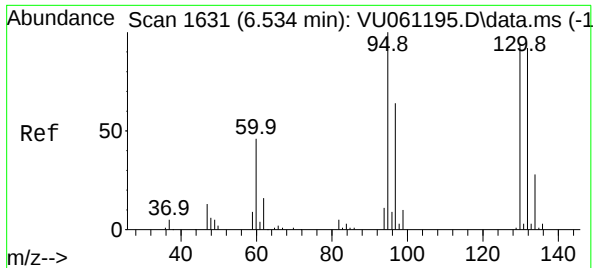
Delta R.T. 0.000 min

Lab File: VU061210.D

Acq: 24 Oct 2024 19:50

Tgt Ion: 96	Resp: 19992
Ion Ratio	Lower Upper
96	100
61	124.1 88.1 163.5
98	62.5 45.0 83.6

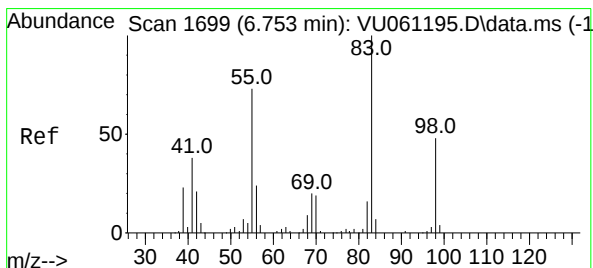
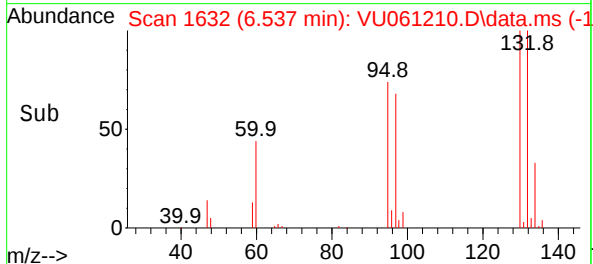
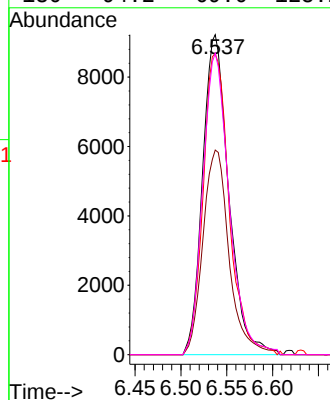
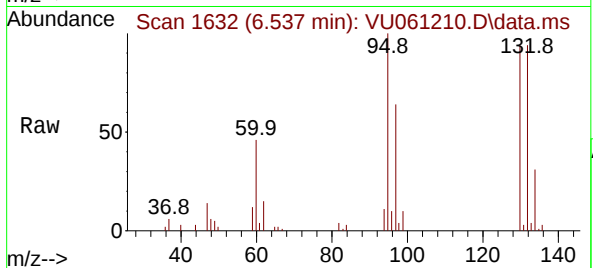




#34
Trichloroethene
Concen: 1.291 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VU061210.D
Acq: 24 Oct 2024 19:50

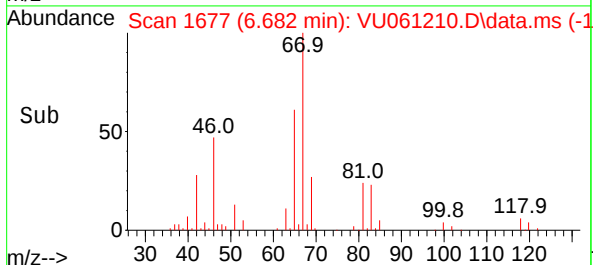
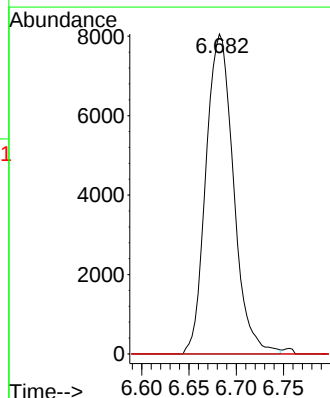
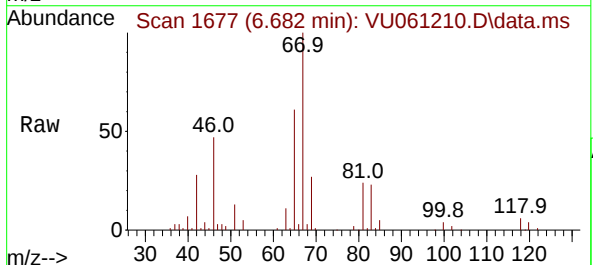
Instrument :
MSVOA_U
ClientSampleId :

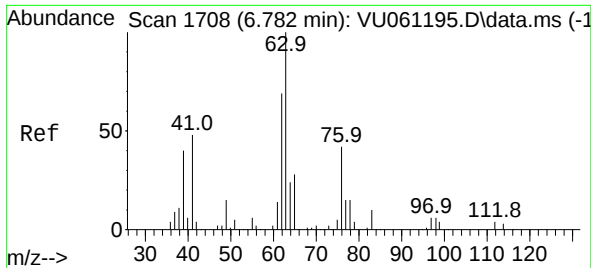
Tgt Ion: 95 Resp: 18312
Ion Ratio Lower Upper
95 100
97 64.0 46.1 85.7
132 94.1 66.1 122.7
130 94.2 69.0 128.2



#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061210.D
Acq: 24 Oct 2024 19:50

Tgt Ion: 83 Resp: 16357
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 10.8 35.9 53.9#

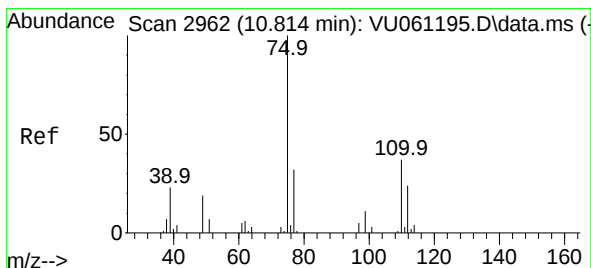
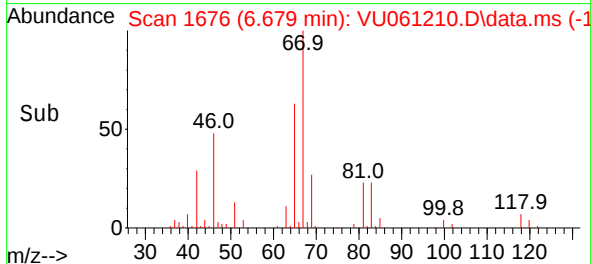
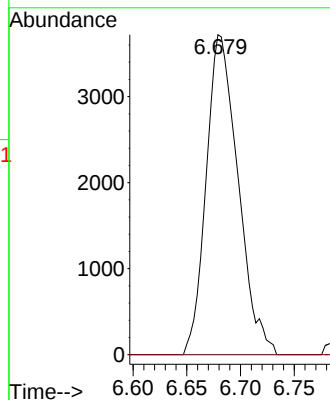
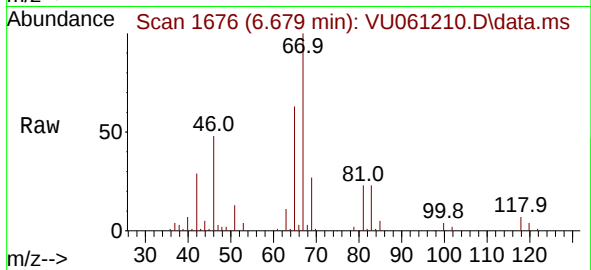




#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061210.D
Acq: 24 Oct 2024 19:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7669
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.221 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061210.D
Acq: 24 Oct 2024 19:50

Tgt Ion: 75 Resp: 9253
Ion Ratio Lower Upper
75 100
110 1.5 28.8 43.2#
77 34.5 25.7 38.5

