

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120723\
 Data File : VV033143.D
 Acq On : 07 Dec 2023 13:53
 Operator : SY/MD
 Sample : 05644-02DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:38:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 2023
 Response via : Initial Calibration

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

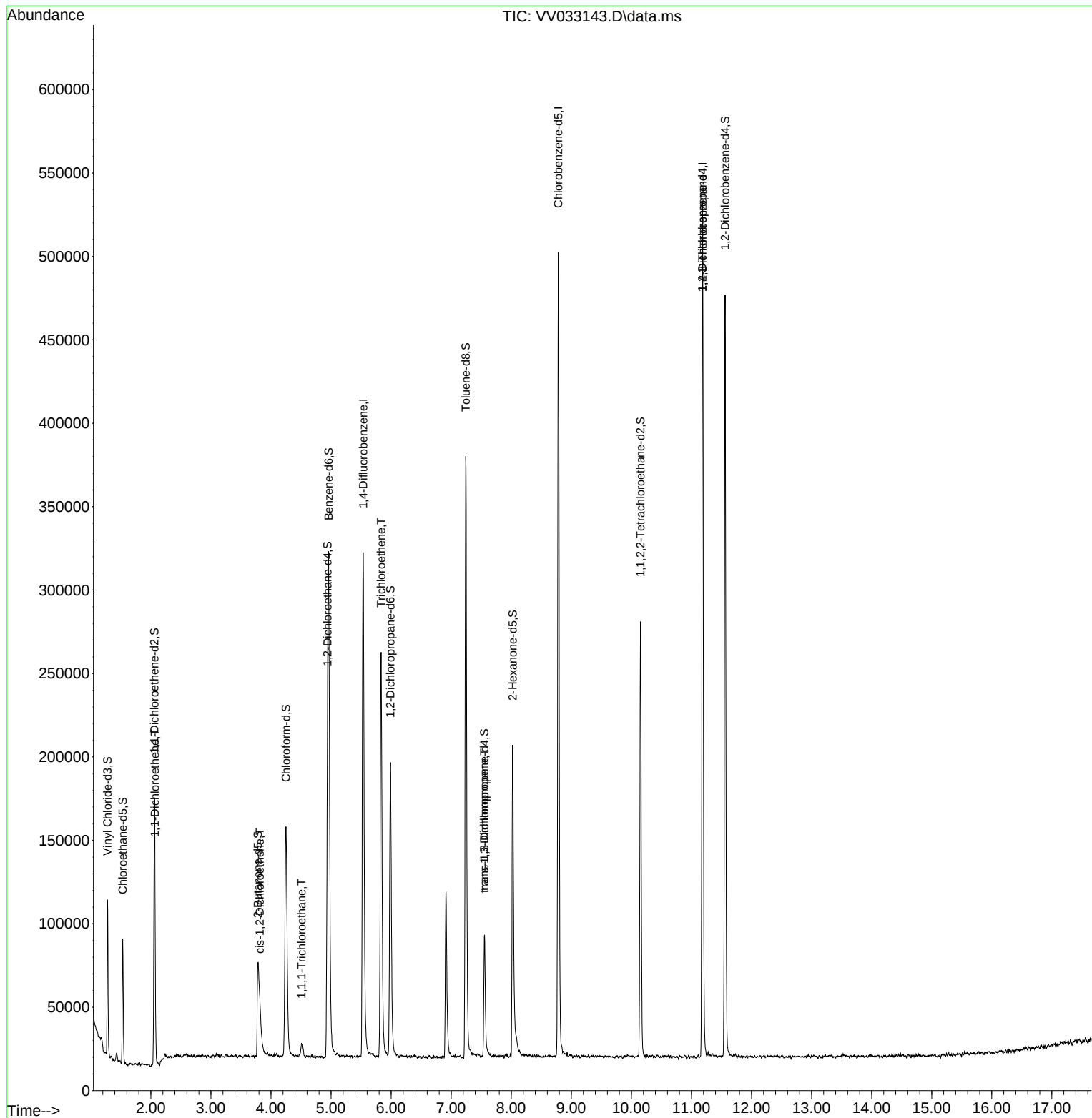
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	283381	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	285110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56686	33.462	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	66.920%	
7) Chloroethane-d5	1.532	69	44962	38.092	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	76.180%	
11) 1,1-Dichloroethene-d2	2.060	65	23572	36.576	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.160%	
21) 2-Butanone-d5	3.783	46	81861	97.291	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.290%	
24) Chloroform-d	4.249	84	151888	42.249	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.500%	
26) 1,2-Dichloroethane-d4	4.941	65	99367	44.456	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.920%	
32) Benzene-d6	4.960	84	277539	41.622	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.240%	
36) 1,2-Dichloropropane-d6	5.989	67	77916	43.458	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.920%	
41) Toluene-d8	7.243	98	253962	39.925	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.860%#	
43) trans-1,3-Dichloroprop...	7.555	79	44004	38.814	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.620%	
47) 2-Hexanone-d5	8.024	63	63346	87.948	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.950%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112544	44.158	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.320%	
66) 1,2-Dichlorobenzene-d4	11.561	152	121697	47.638	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.280%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	4993	3.514	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	8639	4.365	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	3046	0.864	ug/L #	5
34) Trichloroethene	5.834	95	80960	37.508	ug/L	97
44) trans-1,3-Dichloropropene	7.551	75	2538	0.827	ug/L	99
61) 1,2,3-Trichloropropane	11.185	75	13449	7.512	ug/L #	59

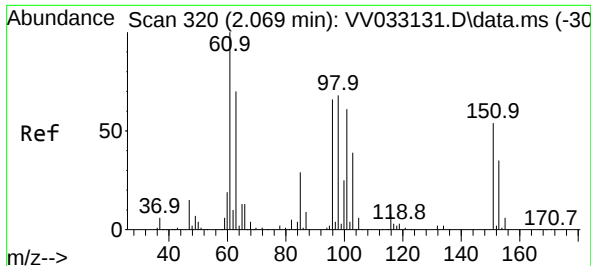
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 08 01:34:57 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.514 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

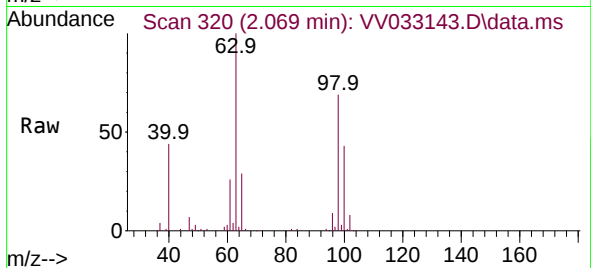
Lab File: VV033143.D

Acq: 07 Dec 2023 13:53

Instrument :

MSVOA_V

ClientSampleId :



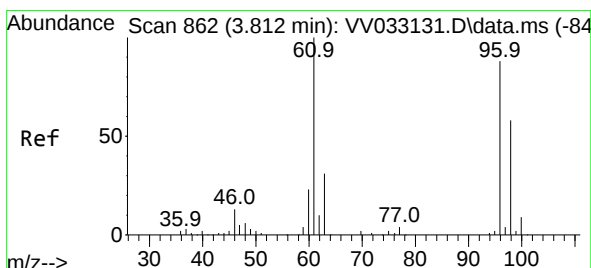
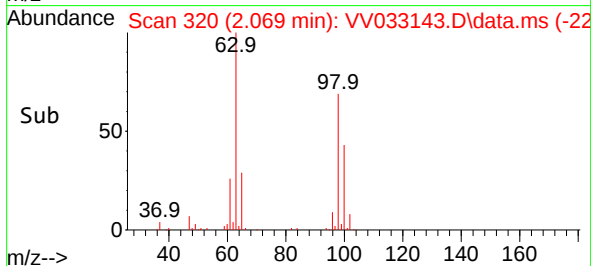
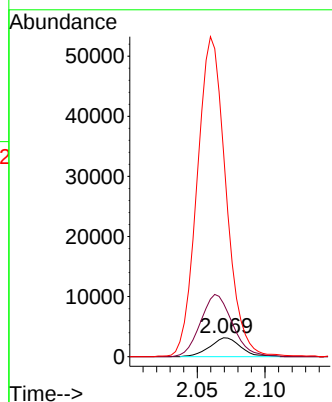
Tgt Ion: 96 Resp: 4993

Ion Ratio Lower Upper

96 100

61 280.5 109.1 202.7#

63 1078.3 85.3 158.3#



#20

cis-1,2-Dichloroethene

Concen: 4.365 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033143.D

Acq: 07 Dec 2023 13:53

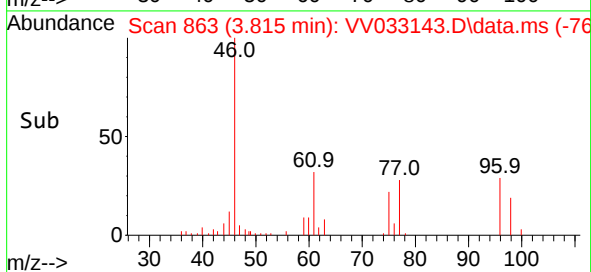
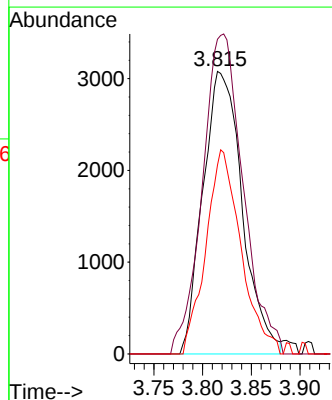
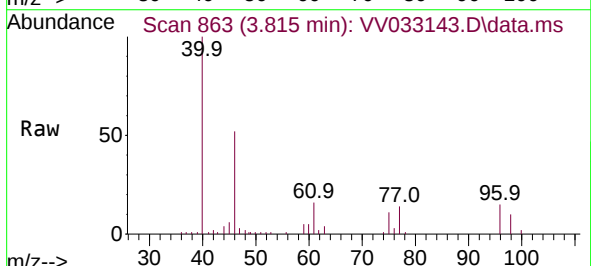
Tgt Ion: 96 Resp: 8639

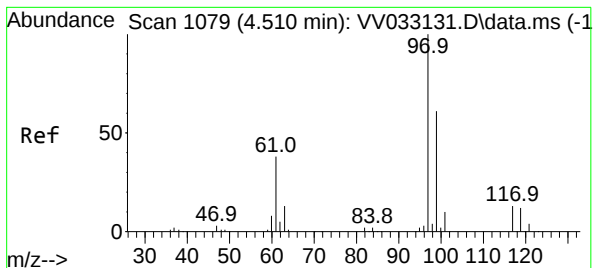
Ion Ratio Lower Upper

96 100

61 111.4 79.1 146.9

98 66.8 45.1 83.7





#30

1,1,1-Trichloroethane

Concen: 0.864 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV033143.D

Acq: 07 Dec 2023 13:53

Instrument :

MSVOA_V

ClientSampleId :

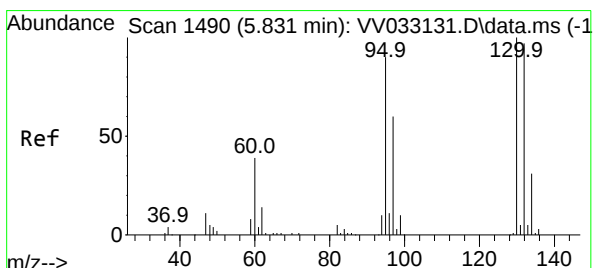
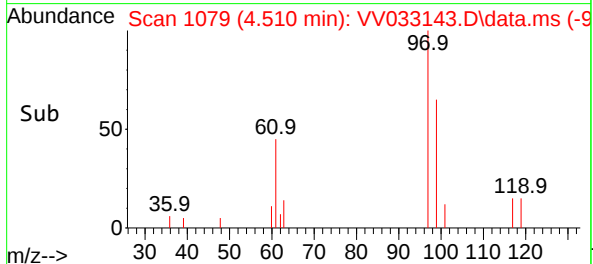
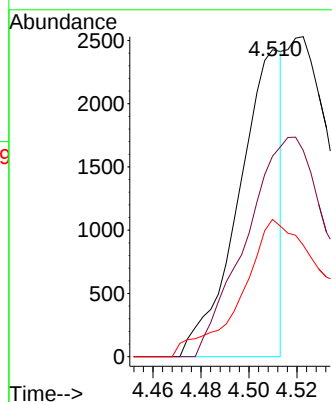
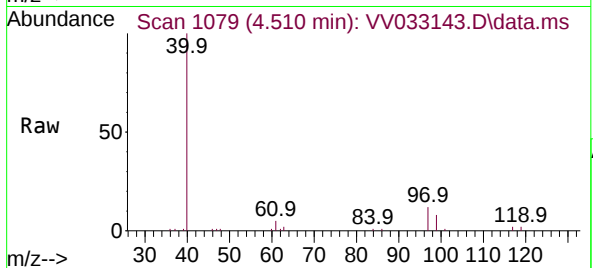
Tgt Ion: 97 Resp: 3046

Ion Ratio Lower Upper

97 100

99 145.4 51.3 76.9#

61 89.5 31.8 47.8#



#34

Trichloroethene

Concen: 37.508 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033143.D

Acq: 07 Dec 2023 13:53

Tgt Ion: 95 Resp: 80960

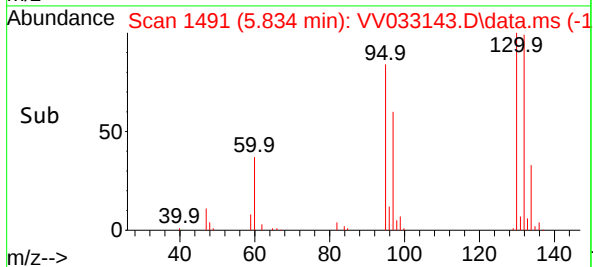
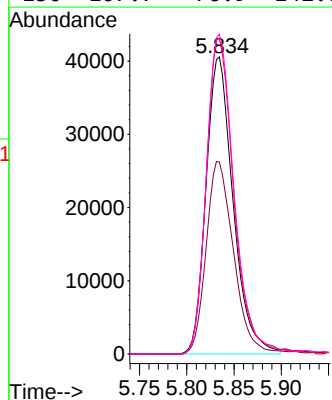
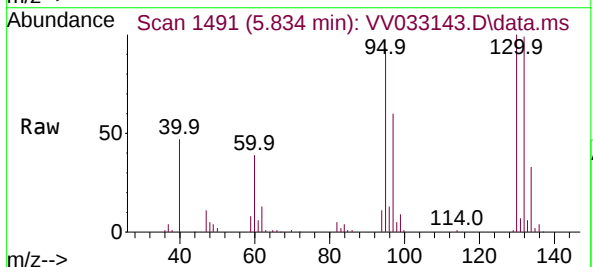
Ion Ratio Lower Upper

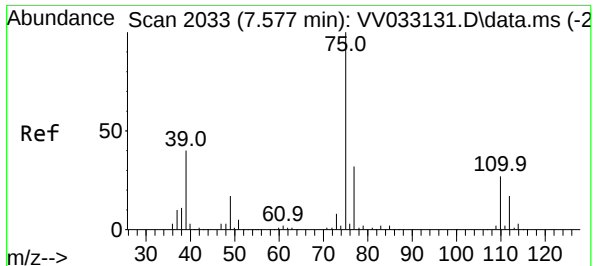
95 100

97 64.6 45.8 85.0

132 106.3 77.4 143.8

130 107.7 76.9 142.7

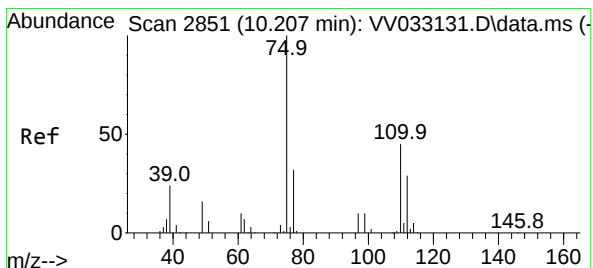
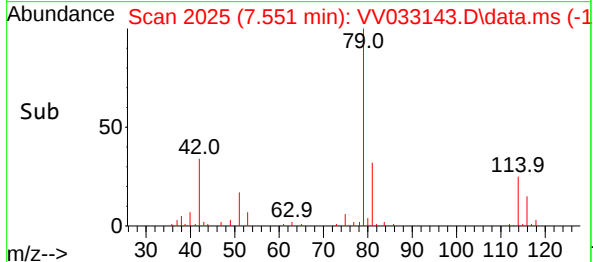
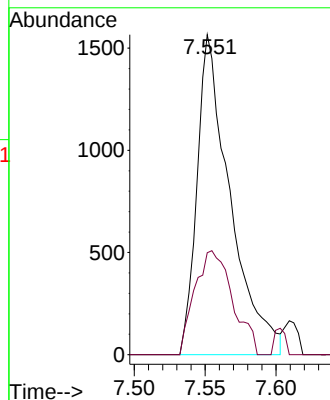
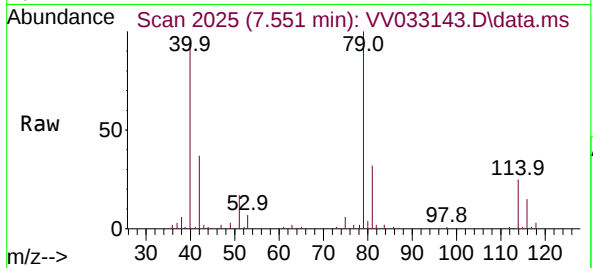




#44
trans-1,3-Dichloropropene
Concen: 0.827 ug/L
RT: 7.551 min Scan# 2033
Delta R.T. -0.026 min
Lab File: VV033143.D
Acq: 07 Dec 2023 13:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2538
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0



#61
1,2,3-Trichloropropane
Concen: 7.512 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033143.D
Acq: 07 Dec 2023 13:53

Tgt Ion: 75 Resp: 13449
Ion Ratio Lower Upper
75 100
77 37.0 27.0 40.6
110 3.2 38.1 57.1#

