

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033233.D
 Acq On : 11 Dec 2023 23:28
 Operator : SY/MD
 Sample : 05730-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

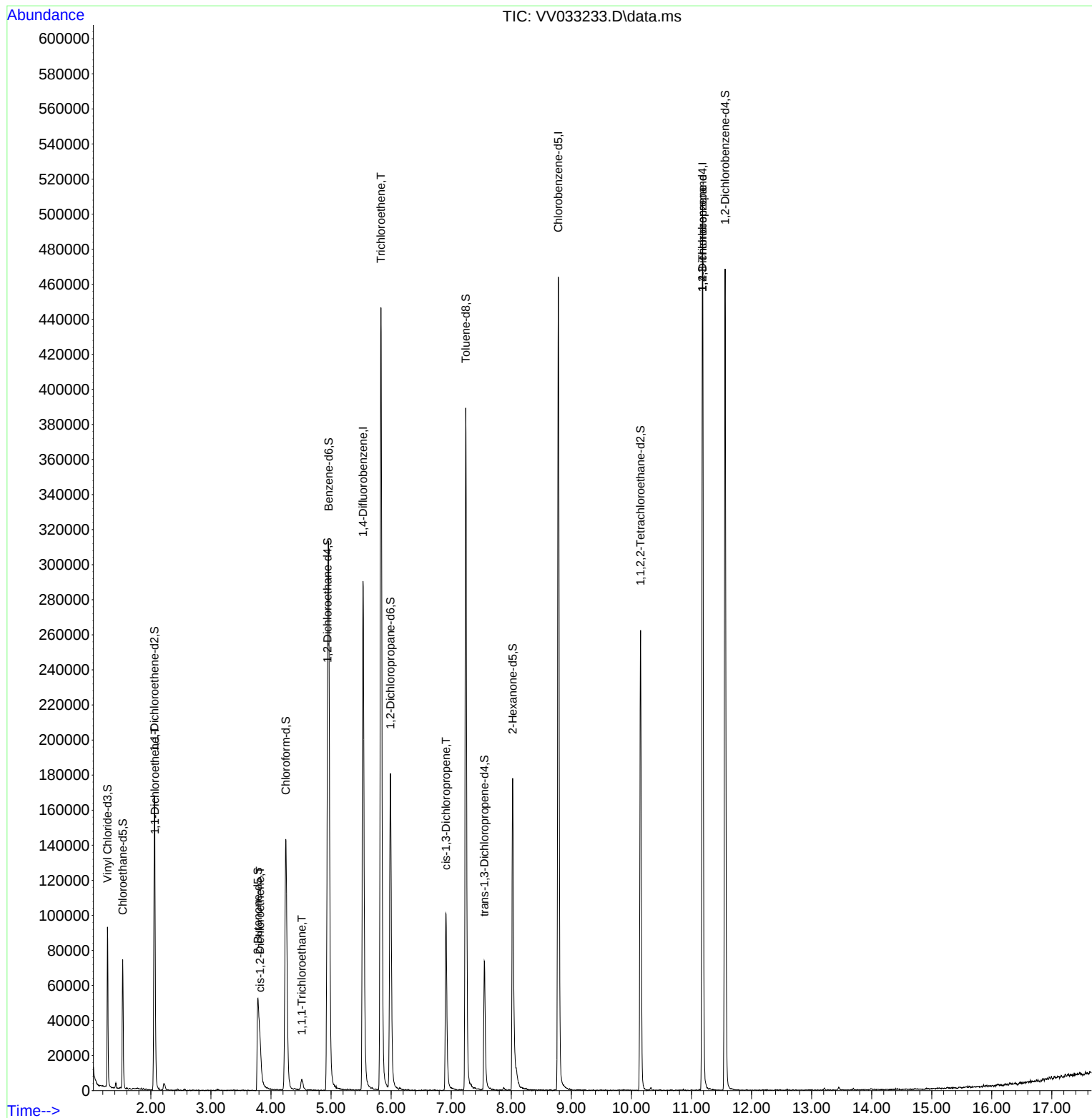
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	275451	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	276352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57576	34.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.940%
7) Chloroethane-d5	1.532	69	46847	40.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.660%
11) 1,1-Dichloroethene-d2	2.060	65	24888	39.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.460%
21) 2-Butanone-d5	3.780	46	77479	94.734	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.730%
24) Chloroform-d	4.246	84	154159	44.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
26) 1,2-Dichloroethane-d4	4.941	65	102955	47.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
32) Benzene-d6	4.960	84	287373	44.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.920%
36) 1,2-Dichloropropane-d6	5.989	67	81564	46.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.860%
41) Toluene-d8	7.243	98	263055	42.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.340%
43) trans-1,3-Dichloroprop...	7.551	79	42939	39.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.140%
47) 2-Hexanone-d5	8.024	63	63184	90.503	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	114681	46.423	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	128429	50.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.420%
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	8802	6.374	ug/L #	1
20) cis-1,2-Dichloroethene	3.818	96	10461	5.437	ug/L	90
30) 1,1,1-Trichloroethane	4.513	97	5388	1.578	ug/L #	87
34) Trichloroethene	5.831	95	149904	71.650	ug/L	98
39) cis-1,3-Dichloropropene	6.915	75	2839	0.965	ug/L	87
61) 1,2,3-Trichloropropane	11.185	75	12413	6.993	ug/L #	59

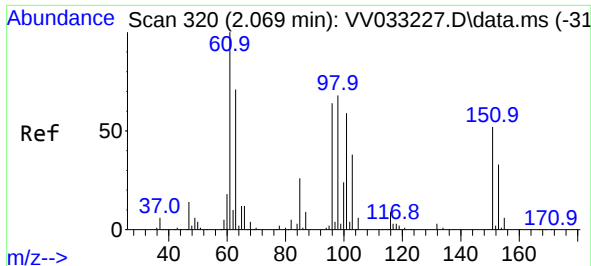
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.374 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033233.D

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Instrument :

MSVOA_V

ClientSampleId :

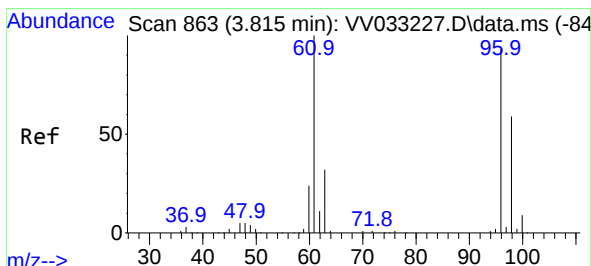
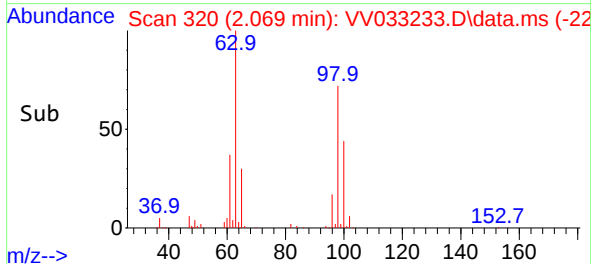
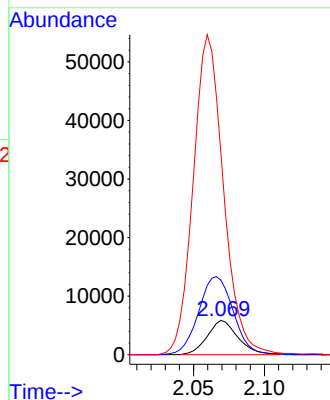
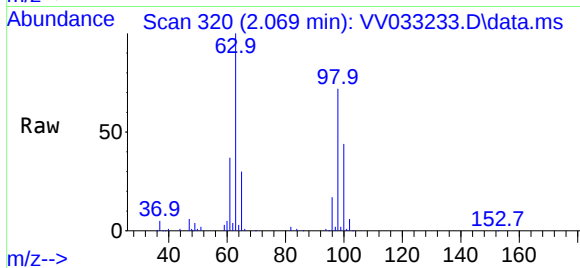
Tgt Ion: 96 Resp: 8802

Ion Ratio Lower Upper

96 100

61 217.4 109.1 202.7#

63 585.9 85.3 158.3#



#20

cis-1,2-Dichloroethene

Concen: 5.437 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

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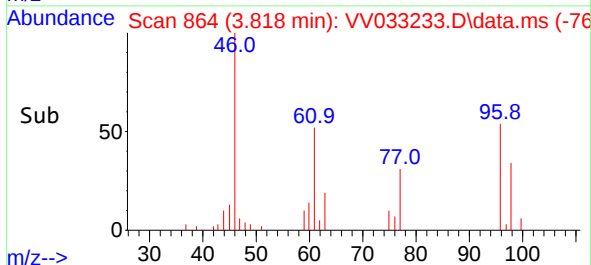
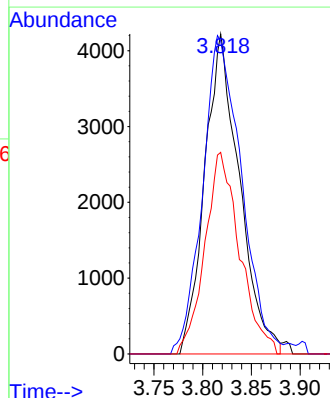
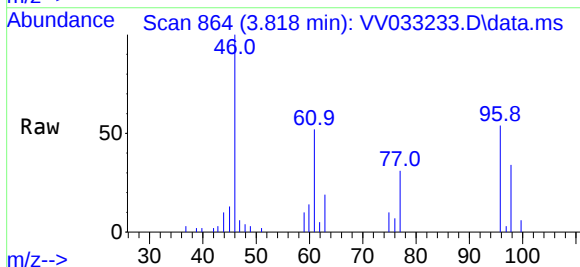
Tgt Ion: 96 Resp: 10461

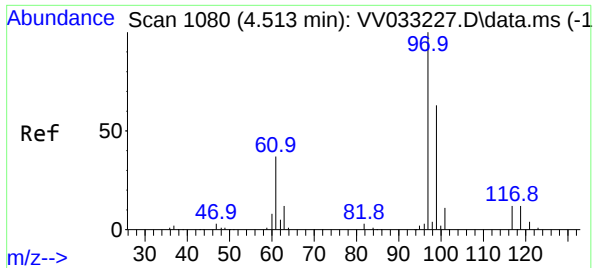
Ion Ratio Lower Upper

96 100

61 97.8 79.1 146.9

98 63.0 45.1 83.7

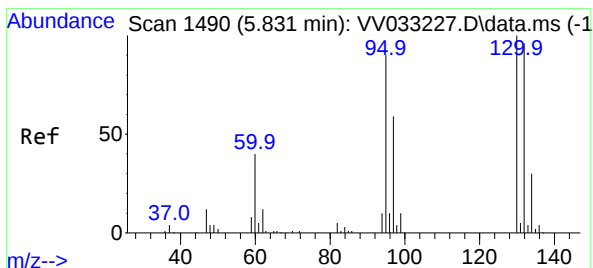
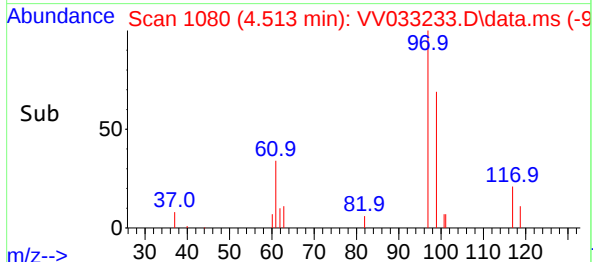
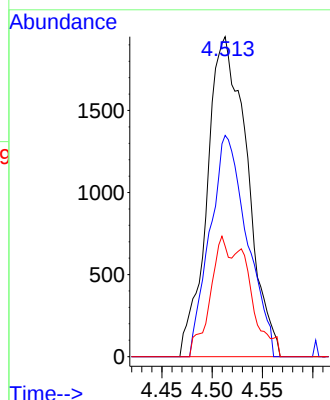
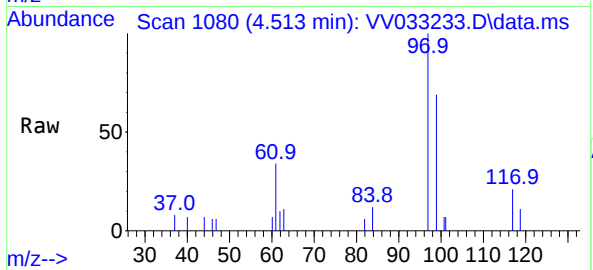




#30
1,1,1-Trichloroethane
Concen: 1.578 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033233.D
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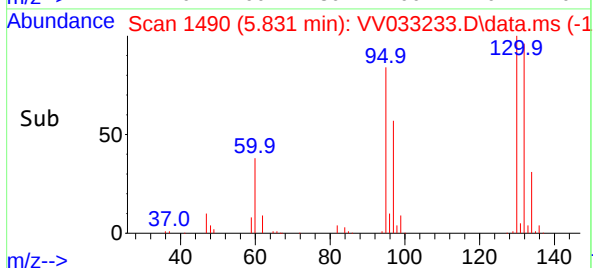
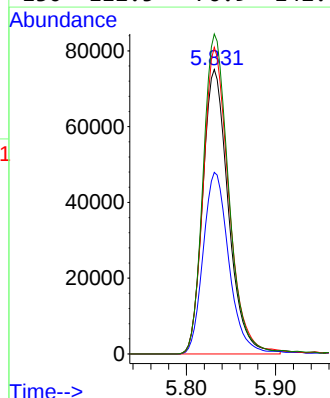
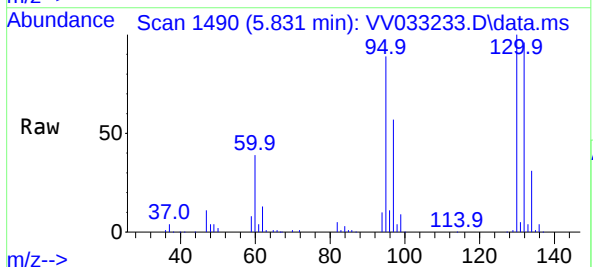
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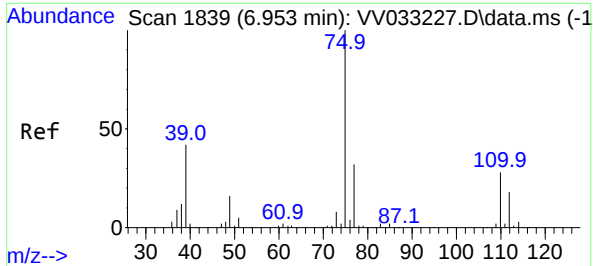
Tgt Ion: 97 Resp: 5388
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 19.2 31.8 47.8#



#34
Trichloroethene
Concen: 71.650 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033233.D
Acq: 11 Dec 2023 23:28

Tgt Ion: 95 Resp: 149904
Ion Ratio Lower Upper
95 100
97 63.8 45.8 85.0
132 107.8 77.4 143.8
130 112.5 76.9 142.7

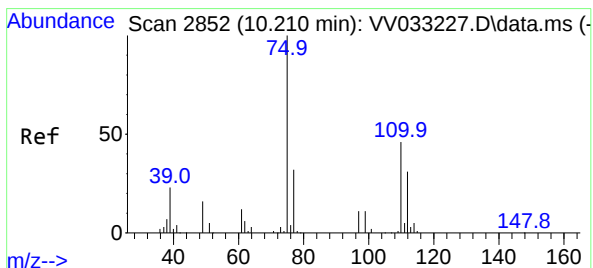
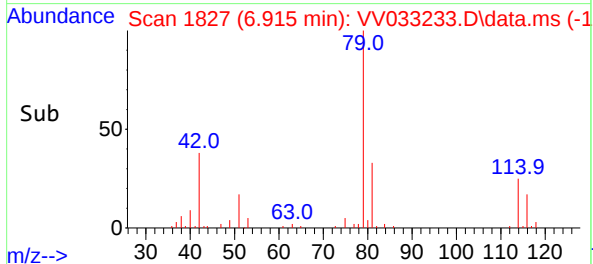
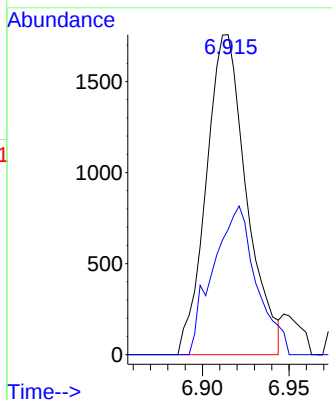
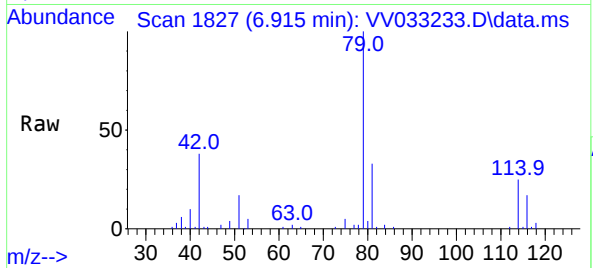




#39
 cis-1,3-Dichloropropene
 Concen: 0.965 ug/L
 RT: 6.915 min Scan# 11
 Delta R.T. -0.035 min
 Lab File: VV033233.D
 Acq: 11 Dec 2023 23:28

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 2839
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.4 41.6



#61
 1,2,3-Trichloropropane
 Concen: 6.993 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.978 min
 Lab File: VV033233.D
 Acq: 11 Dec 2023 23:28

Tgt Ion: 75 Resp: 12413
 Ion Ratio Lower Upper
 75 100
 77 37.5 27.0 40.6
 110 3.1 38.1 57.1#

