

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121923\
 Data File : VW033490.D
 Acq On : 19 Dec 2023 20:00
 Operator : SY/MD
 Sample : 05912-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3N0

Quant Time: Dec 20 00:29:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:24:21 2023
 Response via : Initial Calibration

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

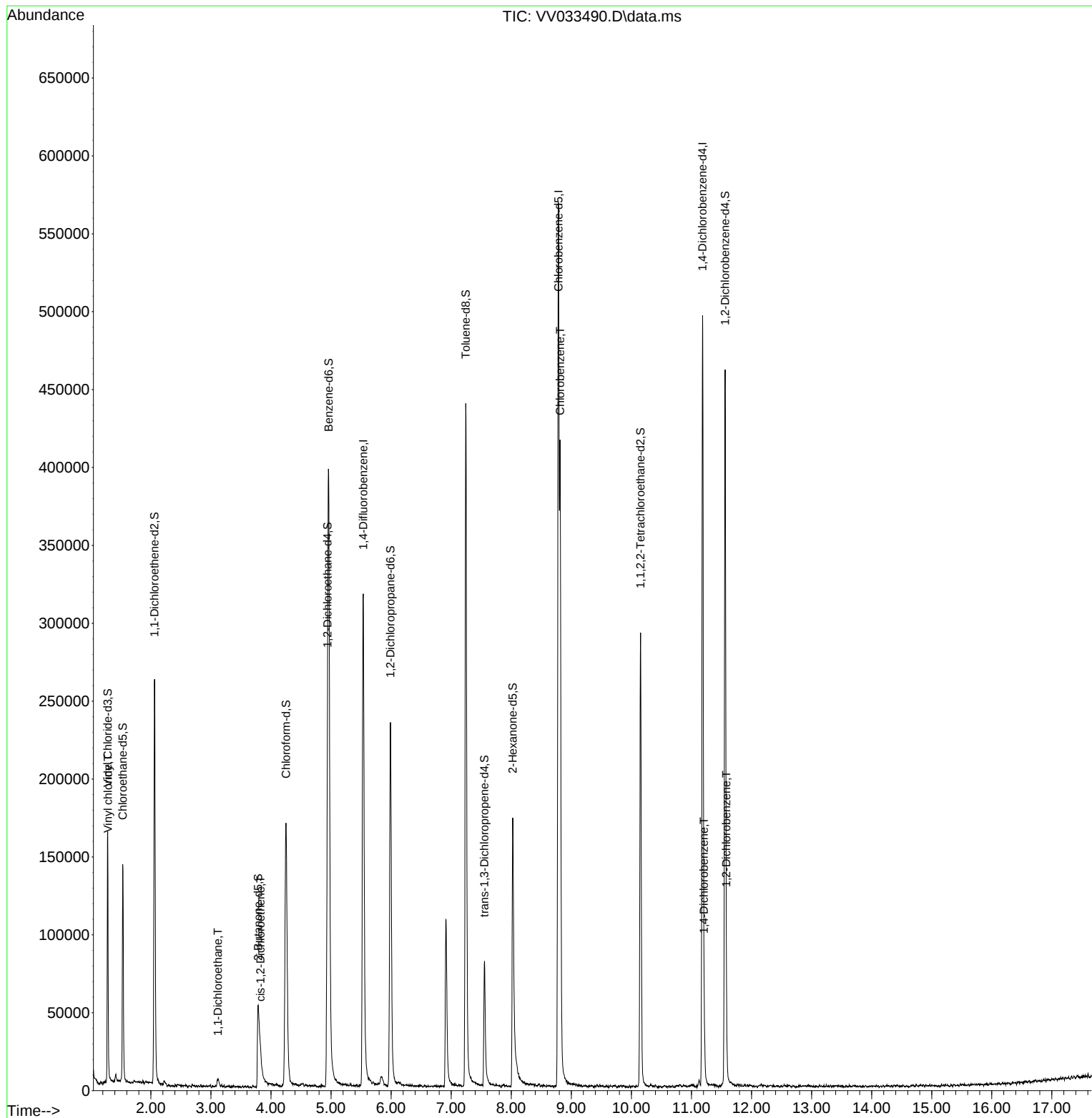
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	272124	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	283929	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117564	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101471	48.421	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.840%
7) Chloroethane-d5	1.532	69	89583	47.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.260%
11) 1,1-Dichloroethene-d2	2.060	65	45591	43.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.400%
21) 2-Butanone-d5	3.786	46	86870	82.251	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.250%
24) Chloroform-d	4.249	84	179874	43.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.780%
26) 1,2-Dichloroethane-d4	4.940	65	116670	45.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
32) Benzene-d6	4.960	84	344199	45.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
36) 1,2-Dichloropropane-d6	5.989	67	110774	47.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.460%
41) Toluene-d8	7.243	98	287434	41.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.160%
43) trans-1,3-Dichloroprop...	7.555	79	45394	39.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.820%
47) 2-Hexanone-d5	8.024	63	55771	71.444	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.440%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	139837	41.921	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	108856	49.274	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.540%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	2958	1.341	ug/L #	38
19) 1,1-Dichloroethane	3.114	63	4754	1.368	ug/L	94
20) cis-1,2-Dichloroethene	3.825	96	5491	2.672	ug/L	90
51) Chlorobenzene	8.815	112	206186	35.669	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	11479	3.074	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	5134	1.422	ug/L #	87

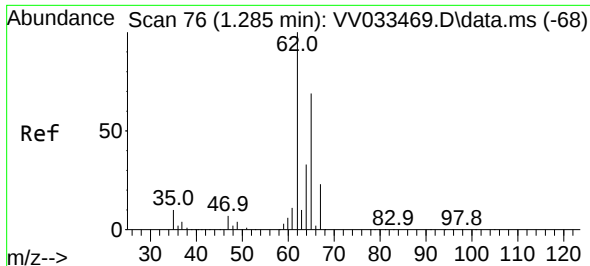
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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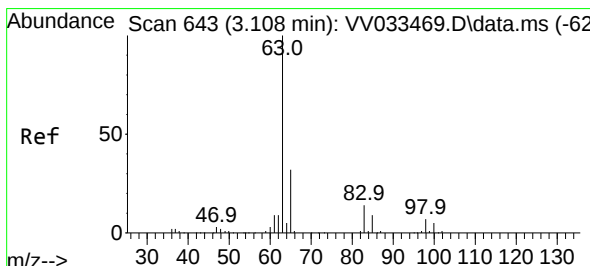
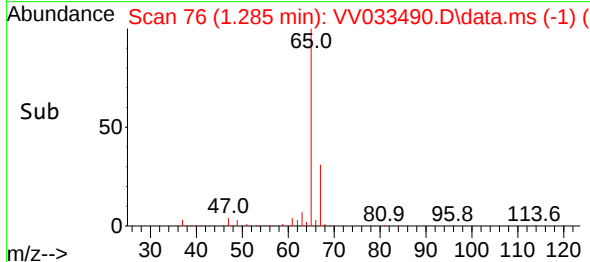
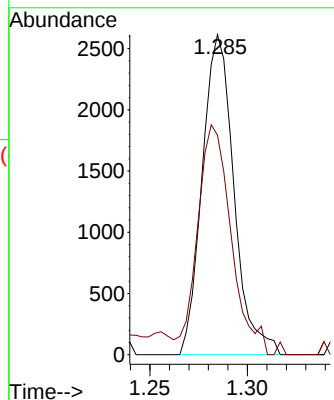
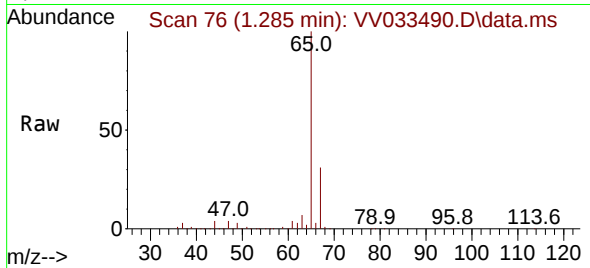




#5
 Vinyl chloride
 Concen: 1.341 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033490.D
 Acq: 19 Dec 2023 20:00

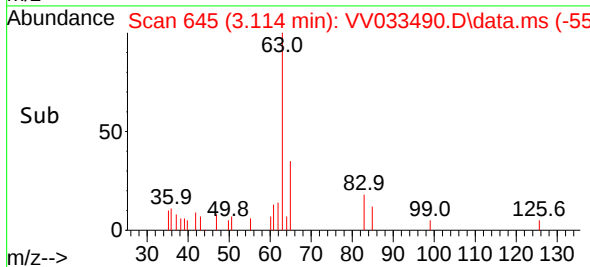
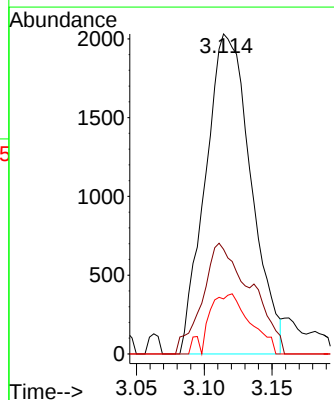
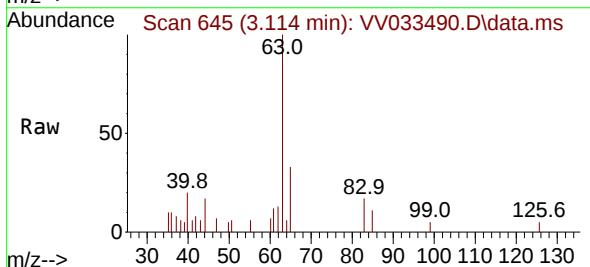
Instrument :
 MSVOA_V
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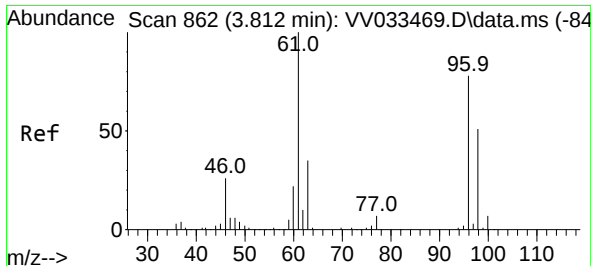
Tgt Ion: 62 Resp: 2958
 Ion Ratio Lower Upper
 62 100
 64 68.6 23.4 43.6#



#19
 1,1-Dichloroethane
 Concen: 1.368 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.006 min
 Lab File: VV033490.D
 Acq: 19 Dec 2023 20:00

Tgt Ion: 63 Resp: 4754
 Ion Ratio Lower Upper
 63 100
 65 32.7 21.1 39.3
 83 17.2 9.7 17.9

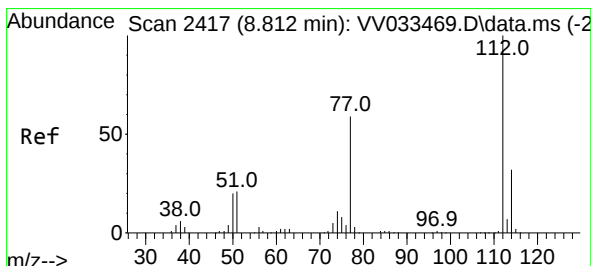
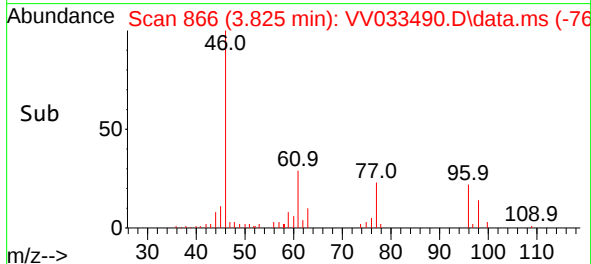
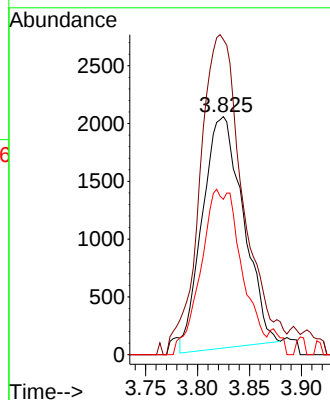
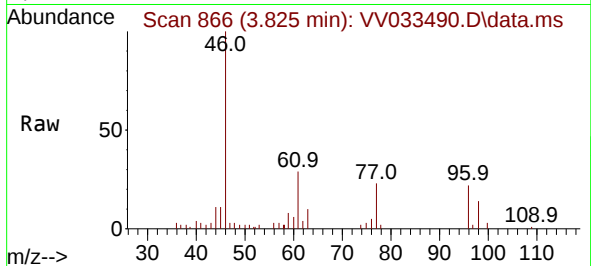




#20
cis-1,2-Dichloroethene
Concen: 2.672 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.013 min
Lab File: VV033490.D
Acq: 19 Dec 2023 20:00

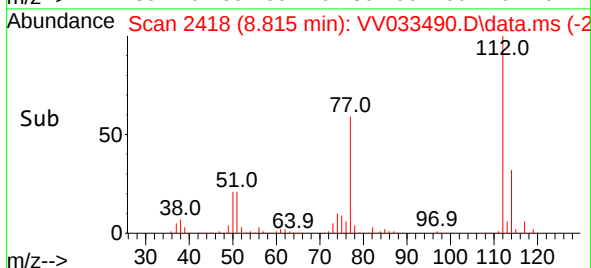
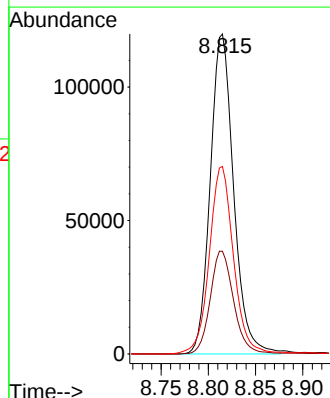
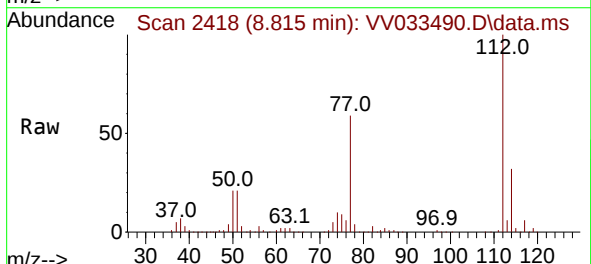
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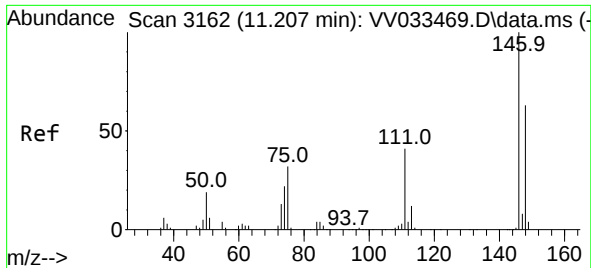
Tgt Ion:	96	Resp:	5491
Ion	Ratio	Lower	Upper
96	100		
61	132.3	81.9	152.1
98	65.3	44.3	82.3



#51
Chlorobenzene
Concen: 35.669 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033490.D
Acq: 19 Dec 2023 20:00

Tgt Ion:	112	Resp:	206186
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	58.6	45.2	67.8

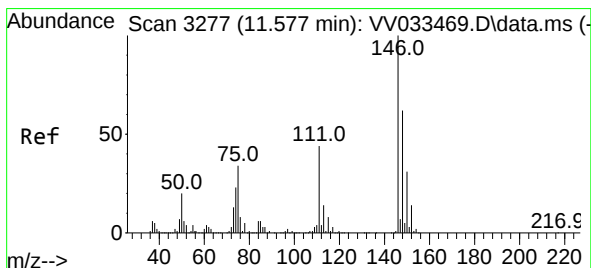
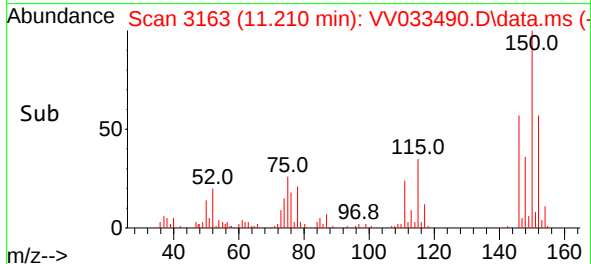
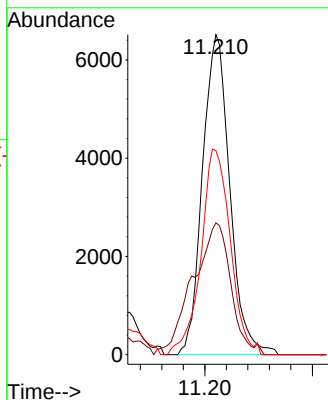
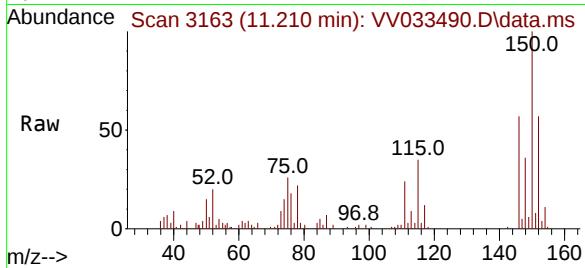




#65
1,4-Dichlorobenzene
Concen: 3.074 ug/L
RT: 11.210 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV033490.D
Acq: 19 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :
BH3N0

Tgt Ion:146	Resp:	11479
Ion Ratio	Lower	Upper
146	100	
111	41.2	27.9 51.7
148	63.8	45.5 84.5



#67
1,2-Dichlorobenzene
Concen: 1.422 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV033490.D
Acq: 19 Dec 2023 20:00

Tgt Ion:146	Resp:	5134
Ion Ratio	Lower	Upper
146	100	
111	55.9	33.5 50.3#
148	58.9	51.1 76.7

