

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042123\
 Data File : VW025626.D
 Acq On : 21 Apr 2023 12:03
 Operator : SY/MD
 Sample : 02418-16RE
 Misc : 3.87g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:04:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 05:02:40 2023
 Response via : Initial Calibration

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

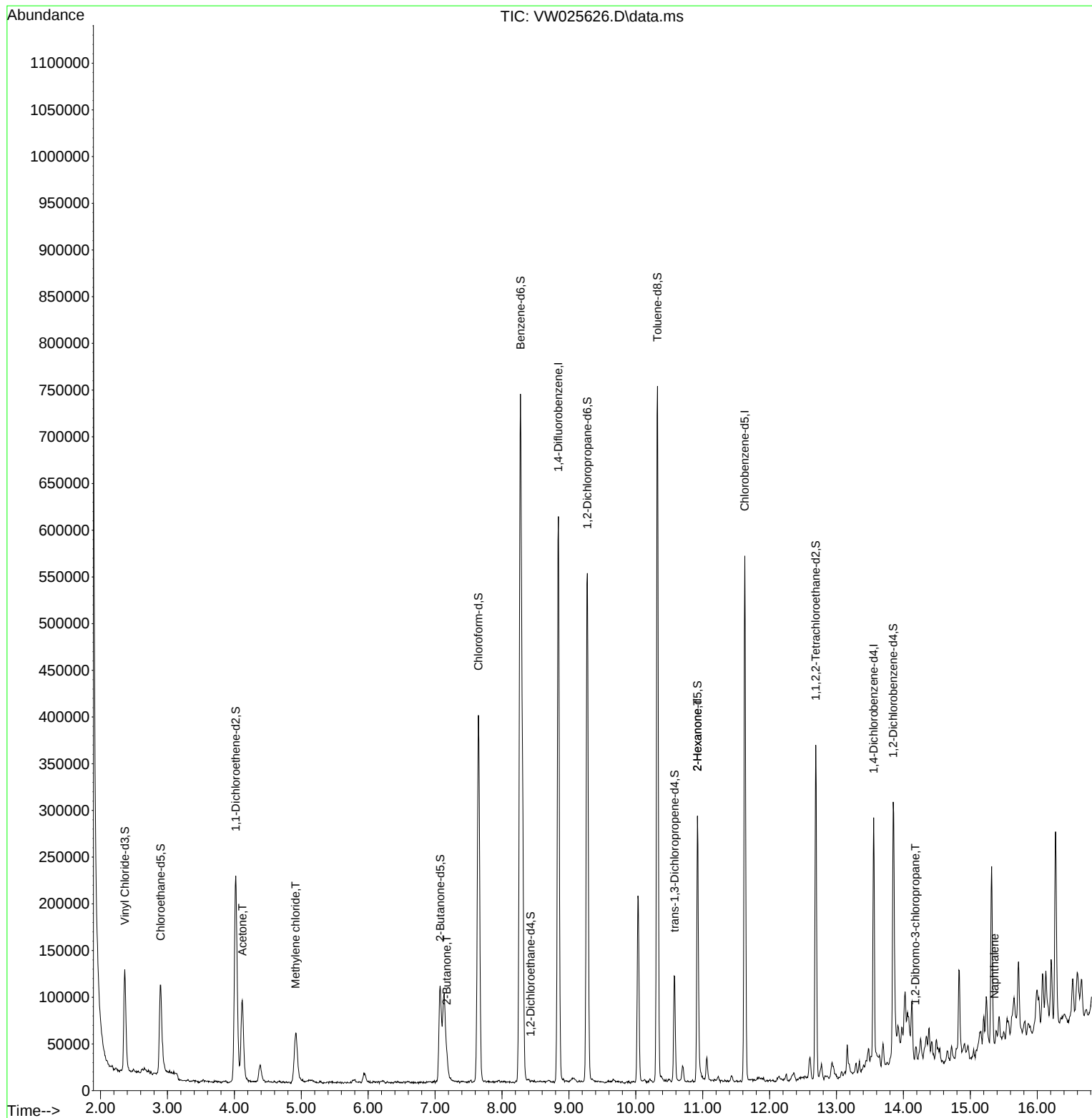
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	479166	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	287718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	63358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	154498	19.814	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	79.240%	
7) Chloroethane-d5	2.899	69	144947	26.110	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	104.440%	
11) 1,1-Dichloroethene-d2	4.021	63	255937	16.231	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	64.920%	
21) 2-Butanone-d5	7.075	46	181276	104.212	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	208.420%#	
24) Chloroform-d	7.648	84	394601	29.330	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	117.320%	
26) 1,2-Dichloroethane-d4	8.428	65	152	0.022	ug/L	0.12
Spiked Amount	25.000	Range 70 - 130	Recovery	=	0.080%#	
32) Benzene-d6	8.276	84	725005	38.916	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	155.680%#	
36) 1,2-Dichloropropane-d6	9.276	67	259002	44.587	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	178.360%#	
41) Toluene-d8	10.324	98	477023	29.312	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	117.240%	
43) trans-1,3-Dichloroprop...	10.581	79	63756	29.275	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	117.080%	
47) 2-Hexanone-d5	10.922	63	93626	117.917	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	235.840%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	179135	45.689	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	182.760%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	64778	29.760	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	119.040%	
Target Compounds						
13) Acetone	4.118	43	154430	104.896	ug/L	100
16) Methylene chloride	4.917	84	42744	5.612	ug/L	98
22) 2-Butanone	7.173	43	47605	22.746	ug/L	91
48) 2-Hexanone	10.922	43	13161	6.363	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	14.177	75	1030	3.576	ug/L #	55
71) Naphthalene	15.360	128	3290	0.788	ug/L #	92

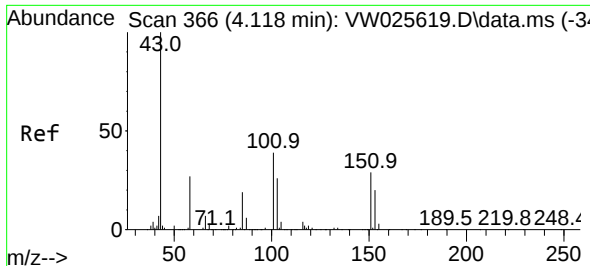
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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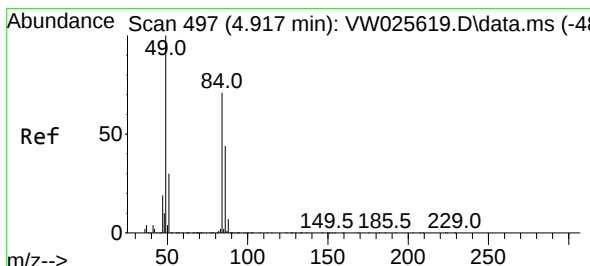
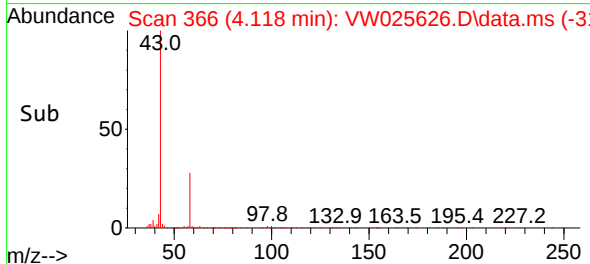
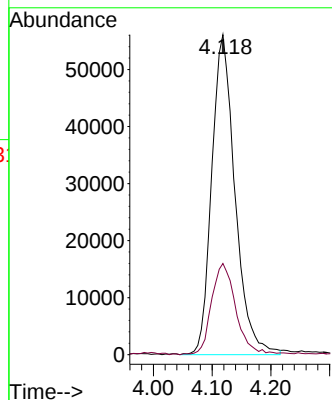
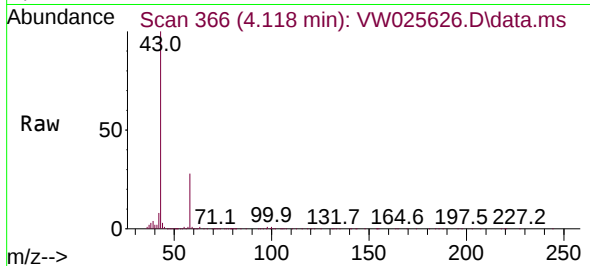




#13
Acetone
Concen: 104.896 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW025626.D
Acq: 21 Apr 2023 12:03

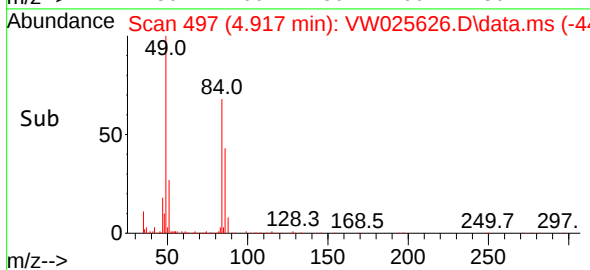
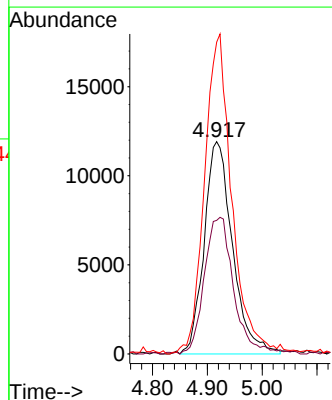
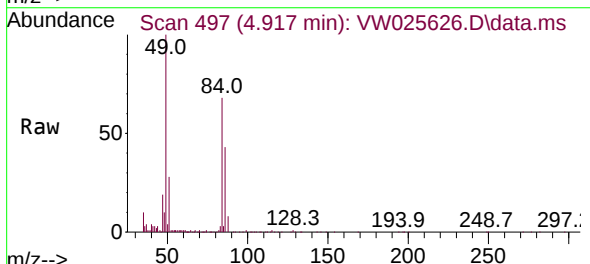
Instrument :
MSVOA_W
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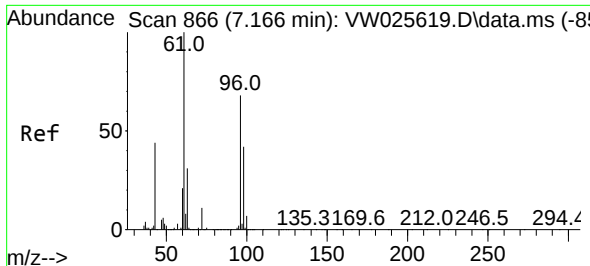
Tgt Ion: 43 Resp: 154430
Ion Ratio Lower Upper
43 100
58 28.4 0.0 57.4



#16
Methylene chloride
Concen: 5.612 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025626.D
Acq: 21 Apr 2023 12:03

Tgt Ion: 84 Resp: 42744
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.3
49 146.9 101.4 188.4

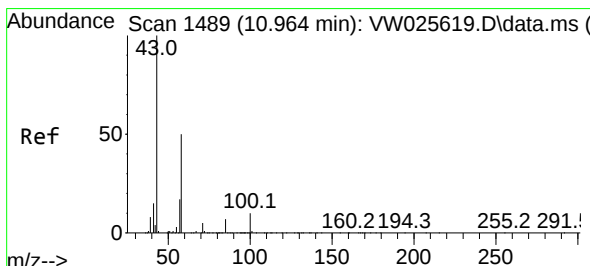
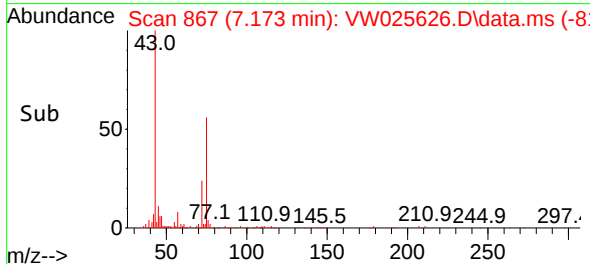
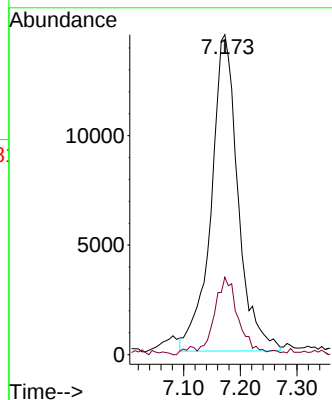
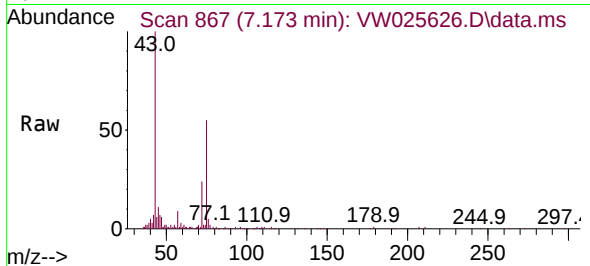




#22
2-Butanone
Concen: 22.746 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025626.D
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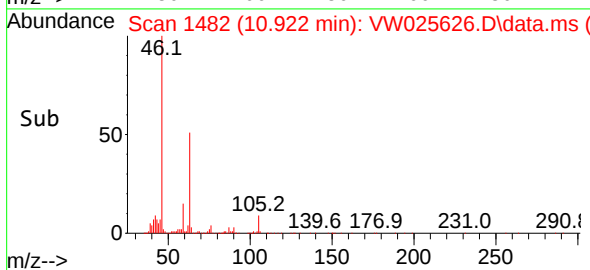
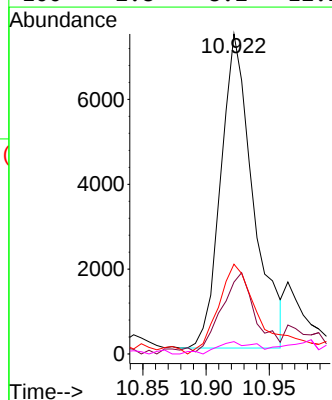
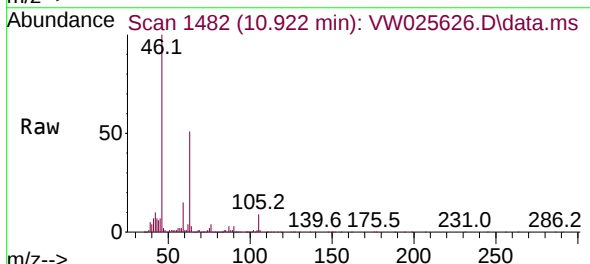
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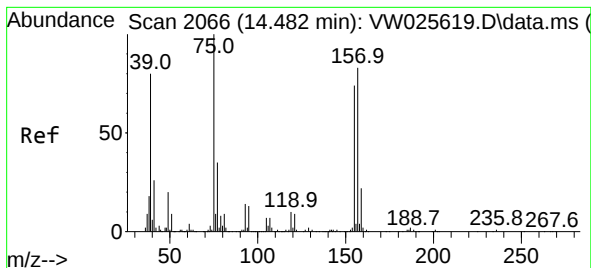
Tgt Ion: 43 Resp: 47605
Ion Ratio Lower Upper
43 100
72 19.3 12.0 36.0



#48
2-Hexanone
Concen: 6.363 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.042 min
Lab File: VW025626.D
Acq: 21 Apr 2023 12:03

Tgt Ion: 43 Resp: 13161
Ion Ratio Lower Upper
43 100
58 27.7 38.6 57.8#
57 37.2 13.9 20.9#
100 2.8 8.2 12.2#

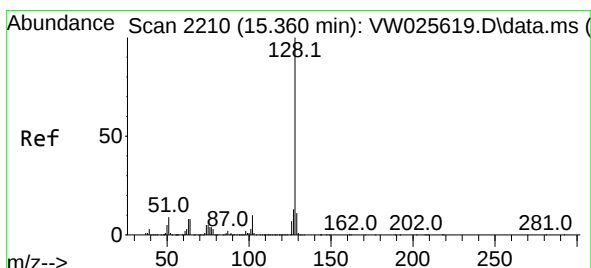
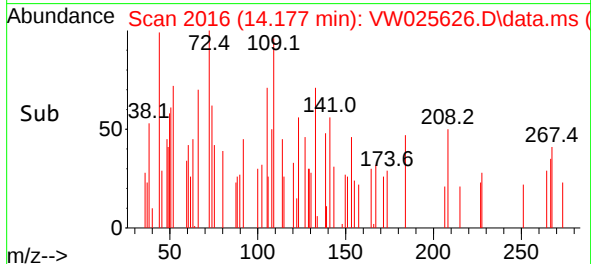
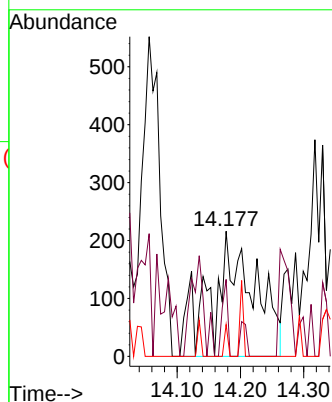
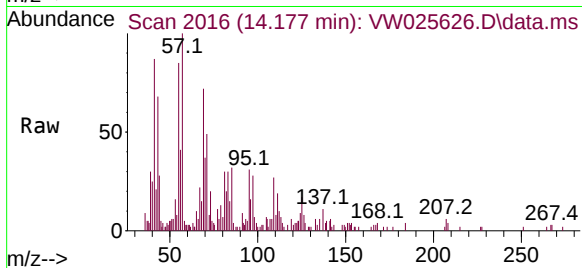




#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.576 ug/L
 RT: 14.177 min Scan# 2066
 Delta R.T. -0.305 min
 Lab File: VW025626.D
 Acq: 21 Apr 2023 12:03

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 ClientSampleId :

Tgt Ion: 75 Resp: 1030
 Ion Ratio Lower Upper
 75 100
 155 61.6 61.1 91.7
 157 25.5 72.8 109.2#



#71
 Naphthalene
 Concen: 0.788 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW025626.D
 Acq: 21 Apr 2023 12:03

Tgt Ion:128 Resp: 3290
 Ion Ratio Lower Upper
 128 100
 127 10.7 10.4 15.6
 129 7.1 8.7 13.1#

