

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101023\
 Data File : VV032372.D
 Acq On : 10 Oct 2023 13:31
 Operator : SY/MD
 Sample : 04774-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX872DL

Quant Time: Oct 11 01:58:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 11 01:56:10 2023
 Response via : Initial Calibration

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

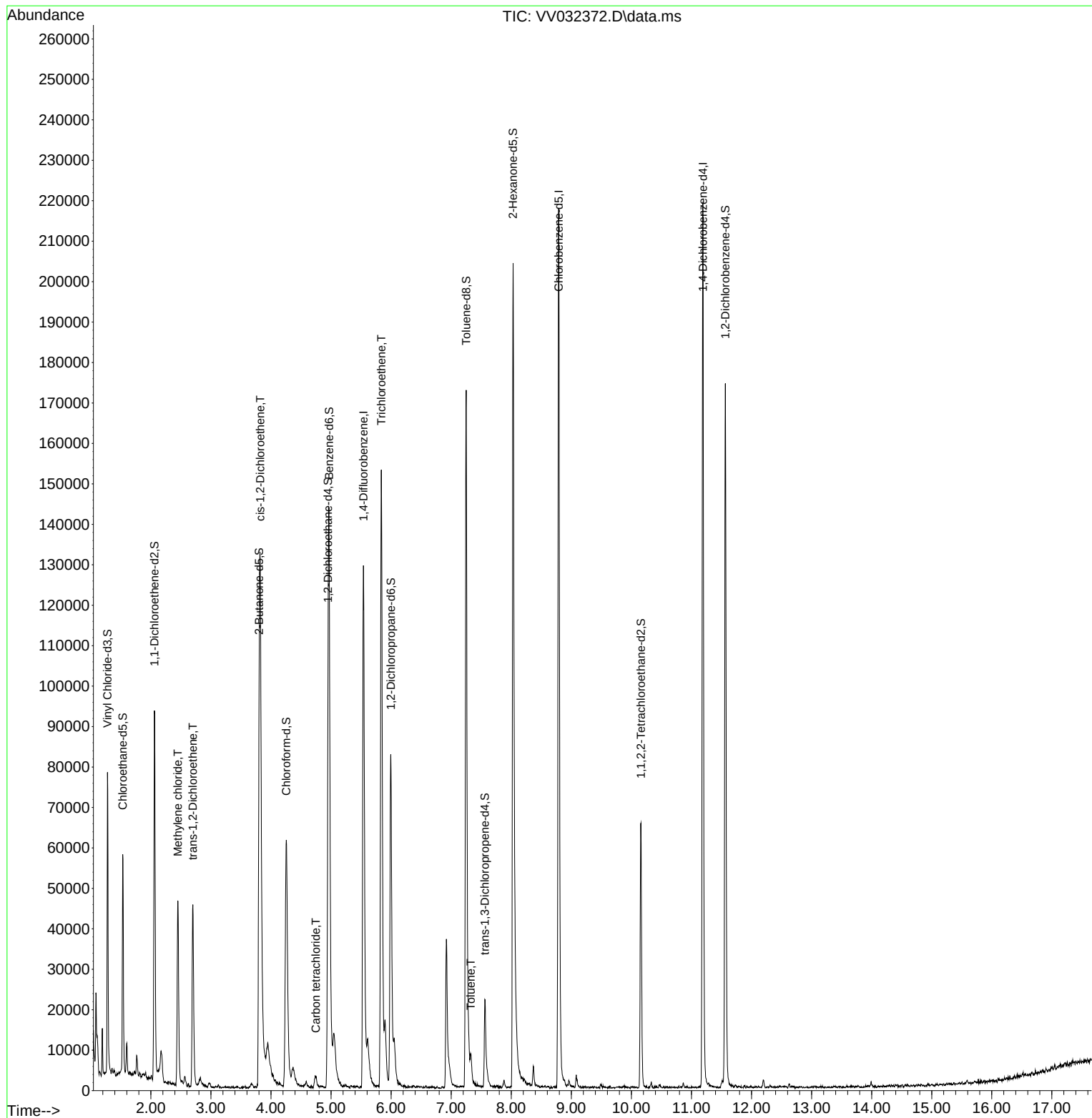
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	113795	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	123986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	57190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42209	4.561	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.532	69	34111	4.541	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.060	65	15654	4.011	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	3.802	46	87201	37.247	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.500%	
24) Chloroform-d	4.256	84	65840	4.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
26) 1,2-Dichloroethane-d4	4.950	65	32972	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	4.966	84	129923	3.561	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.200%	
36) 1,2-Dichloropropane-d6	5.995	67	42416	3.509	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	70.200%	
41) Toluene-d8	7.249	98	122442	3.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.400%	
43) trans-1,3-Dichloroprop...	7.561	79	14913	3.482	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.600%	
46) 2-Hexanone-d5	8.030	63	76870	38.143	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.280%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33941	4.015	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	45312	4.270	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.400%	
Target Compounds						
16) Methylene chloride	2.449	84	19069	1.753	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	16778	1.755	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	52701	5.120	ug/L	93
31) Carbon tetrachloride	4.748	117	2034	0.143	ug/L	100
34) Trichloroethene	5.838	95	55571	4.663	ug/L	97
42) Toluene	7.326	91	4816	0.103	ug/L	95

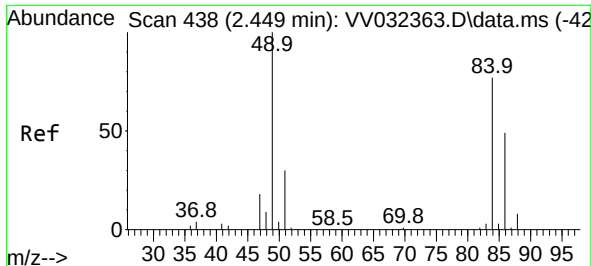
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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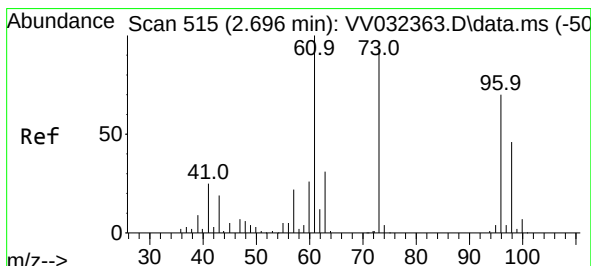
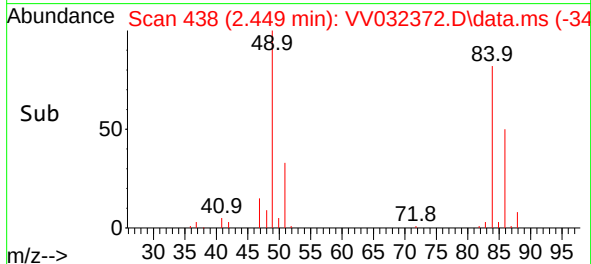
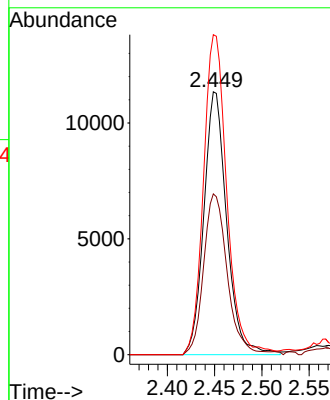
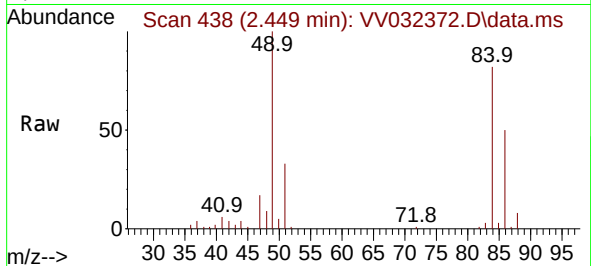




#16
Methylene chloride
Concen: 1.753 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV032372.D
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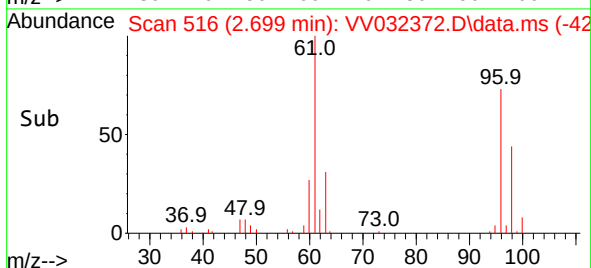
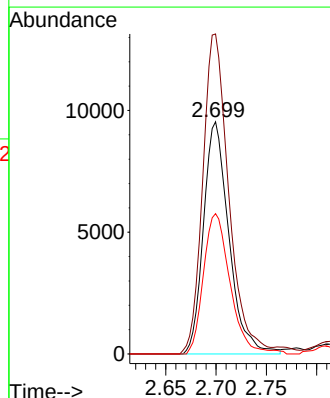
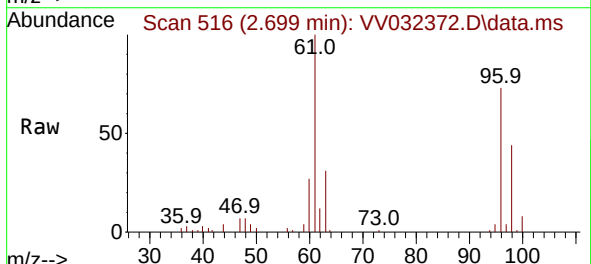
Instrument :
MSVOA_V
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EX872DL

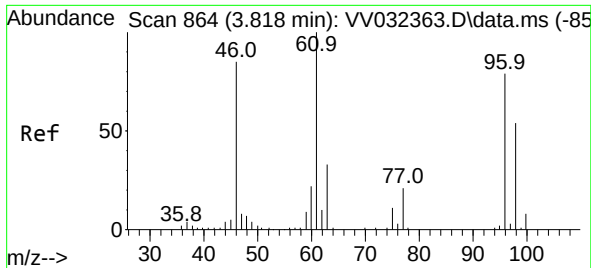
Tgt Ion: 84 Resp: 19069
Ion Ratio Lower Upper
84 100
86 61.1 43.2 80.2
49 121.7 86.3 160.3



#18
trans-1,2-Dichloroethene
Concen: 1.755 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV032372.D
Acq: 10 Oct 2023 13:31

Tgt Ion: 96 Resp: 16778
Ion Ratio Lower Upper
96 100
61 137.9 96.9 180.1
98 60.4 45.3 84.1





#22

cis-1,2-Dichloroethene

Concen: 5.120 ug/L

RT: 3.822 min Scan# 8

Delta R.T. 0.003 min

Lab File: VV032372.D

Acq: 10 Oct 2023 13:31

Instrument :

MSVOA_V

ClientSampleId :

EX872DL

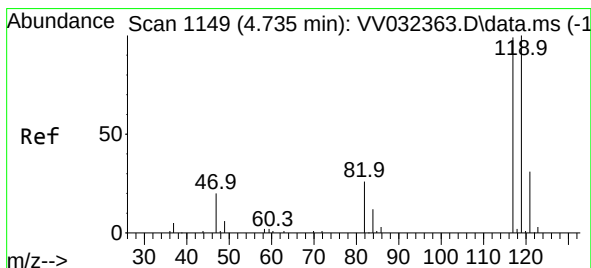
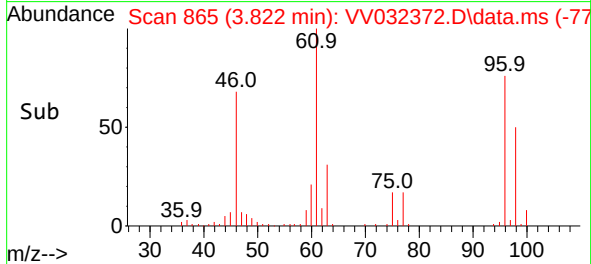
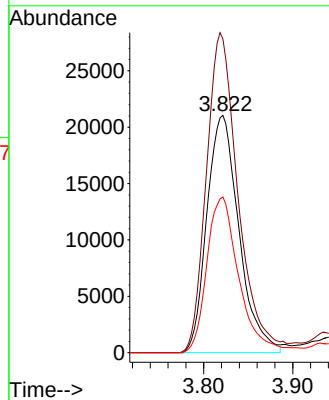
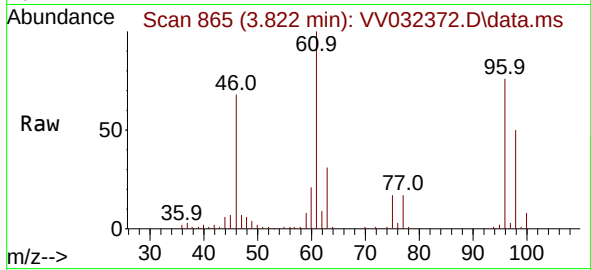
Tgt Ion: 96 Resp: 52701

Ion Ratio Lower Upper

96 100

61 132.3 85.8 159.4

98 65.6 44.0 81.6



#31

Carbon tetrachloride

Concen: 0.143 ug/L

RT: 4.748 min Scan# 1153

Delta R.T. 0.013 min

Lab File: VV032372.D

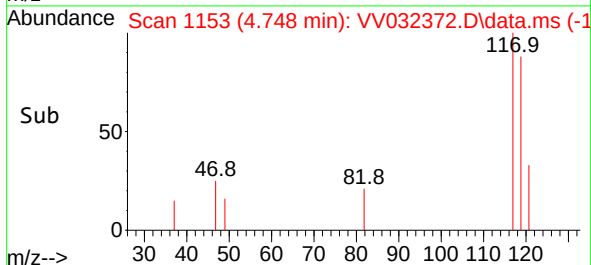
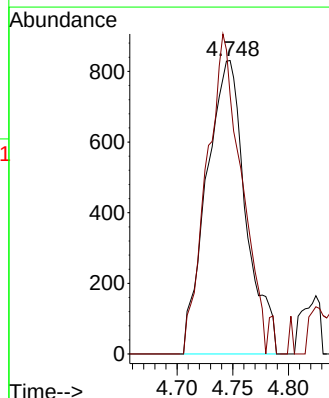
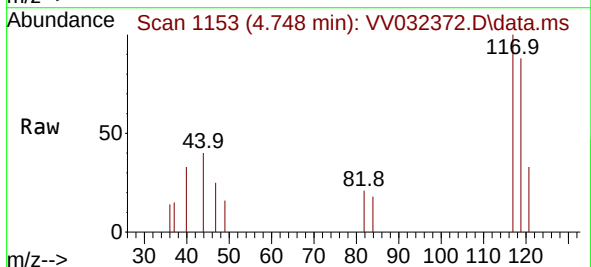
Acq: 10 Oct 2023 13:31

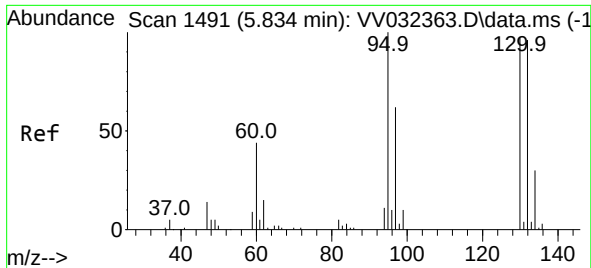
Tgt Ion: 117 Resp: 2034

Ion Ratio Lower Upper

117 100

119 96.8 77.6 116.4

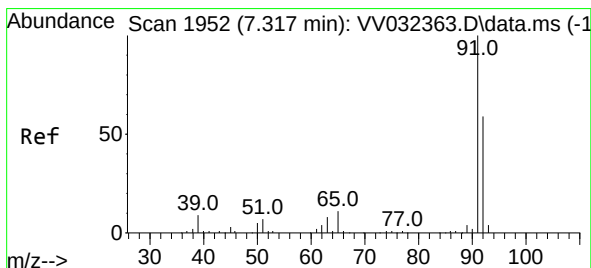
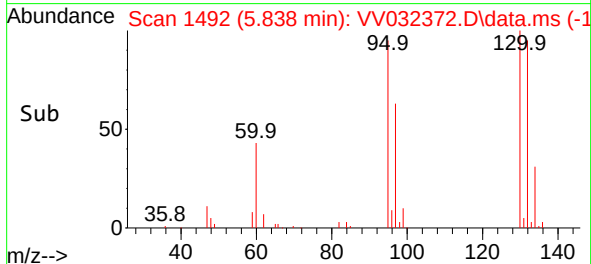
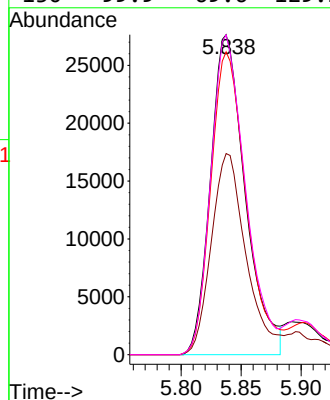
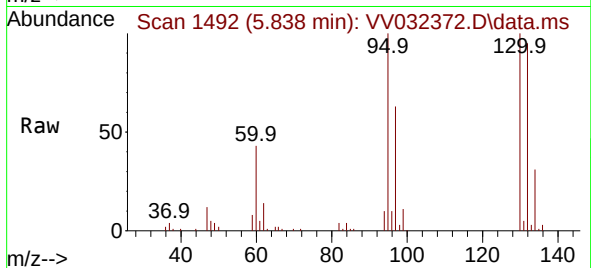




#34
Trichloroethene
Concen: 4.663 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV032372.D
Acq: 10 Oct 2023 13:31

Instrument :
MSVOA_V
ClientSampleId :
EX872DL

Tgt Ion: 95 Resp: 55571
Ion Ratio Lower Upper
95 100
97 62.9 45.7 84.9
132 94.6 70.3 130.5
130 99.9 69.6 129.2



#42
Toluene
Concen: 0.103 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.010 min
Lab File: VV032372.D
Acq: 10 Oct 2023 13:31

Tgt Ion: 91 Resp: 4816
Ion Ratio Lower Upper
91 100
92 54.8 40.8 75.8

