

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048167.D
 Acq On : 21 Apr 2022 13:02
 Operator : SY/MD
 Sample : N2486-10 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J43

Quant Time: Apr 22 01:49:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

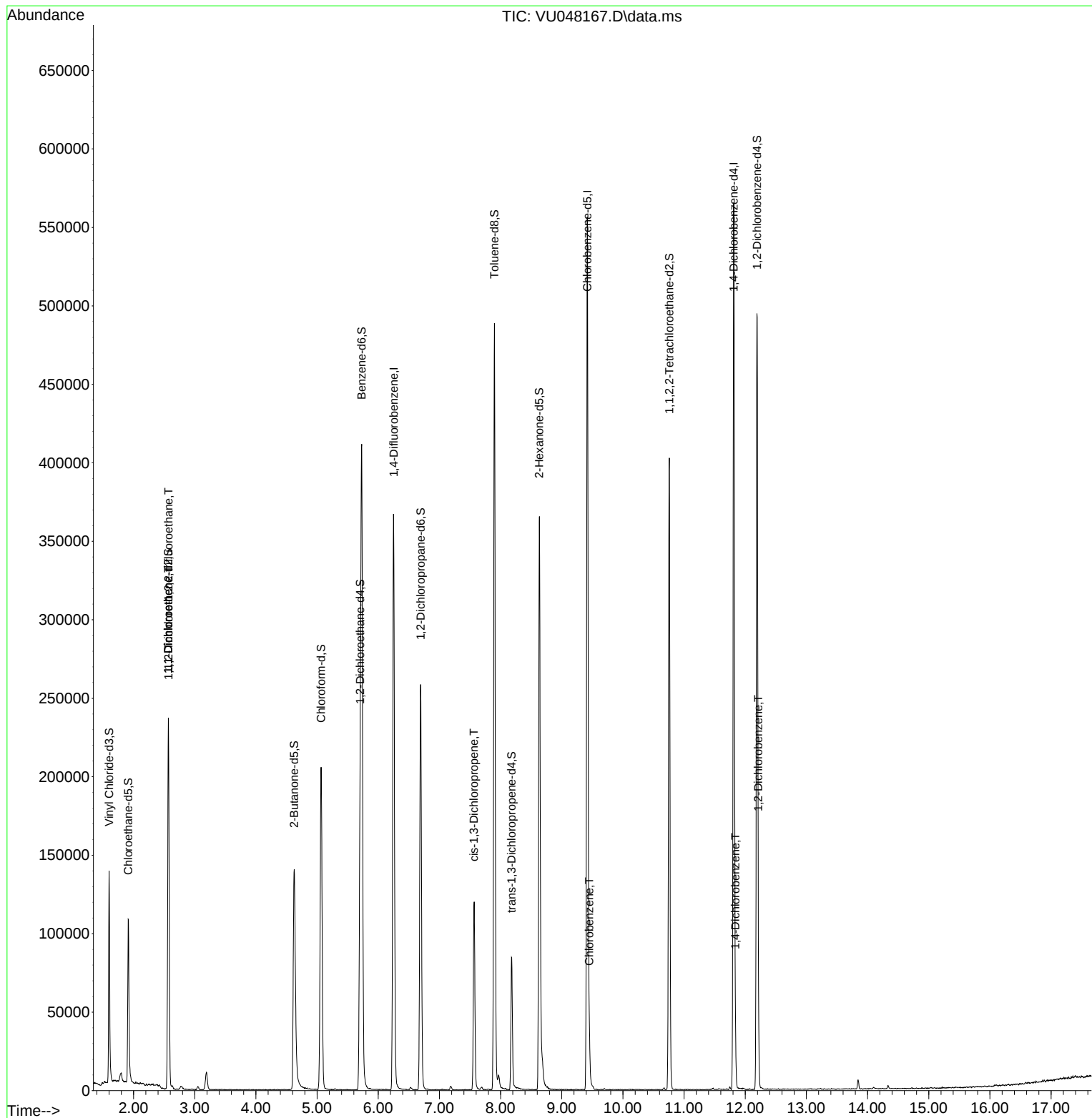
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	319165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	333828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	103219	44.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.200%
7) Chloroethane-d5	1.912	69	84571	46.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.680%
11) 1,1-Dichloroethene-d2	2.568	63	135644	32.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.060%
21) 2-Butanone-d5	4.623	46	184528	92.888	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.890%
24) Chloroform-d	5.067	84	195010	46.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
26) 1,2-Dichloroethane-d4	5.703	65	121879	46.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
32) Benzene-d6	5.729	84	394051	46.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
36) 1,2-Dichloropropane-d6	6.694	67	129032	50.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	7.899	98	333098	40.701	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.179	79	49028	37.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.020%
47) 2-Hexanone-d5	8.632	63	125587	83.160	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201406	45.492	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.980%
66) 1,2-Dichlorobenzene-d4	12.192	152	140957	49.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.480%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1162	0.494	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1068	0.488	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	2850	0.748	ug/L #	47
51) Chlorobenzene	9.449	112	15722	2.184	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	10811	2.181	ug/L	92
67) 1,2-Dichlorobenzene	12.211	146	8597	1.796	ug/L #	93

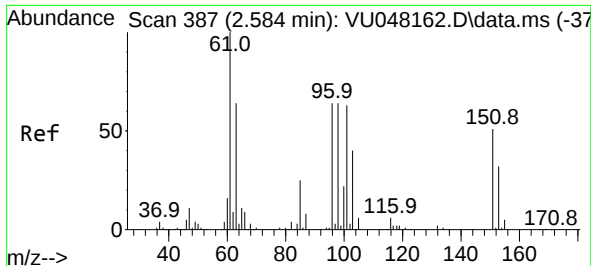
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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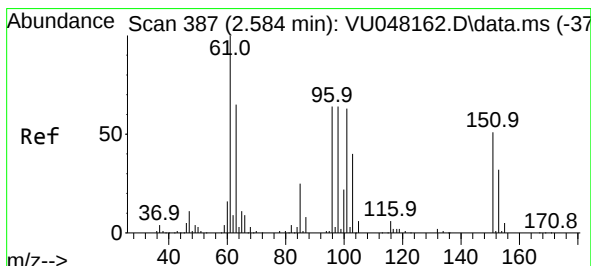
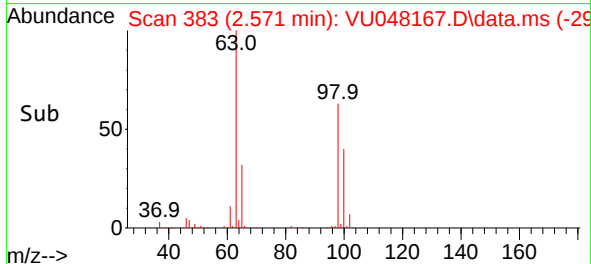
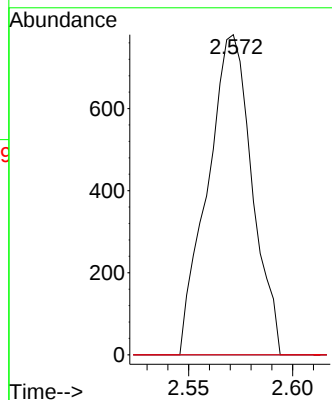
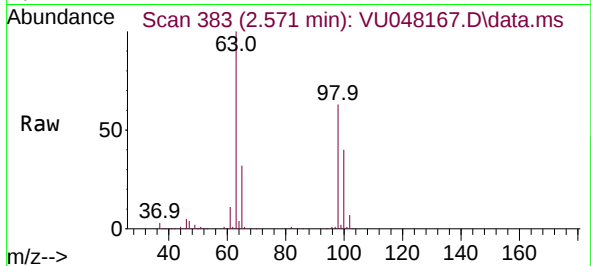




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.494 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048167.D
 Acq: 21 Apr 2022 13:02

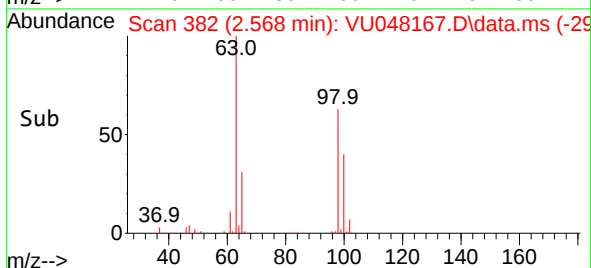
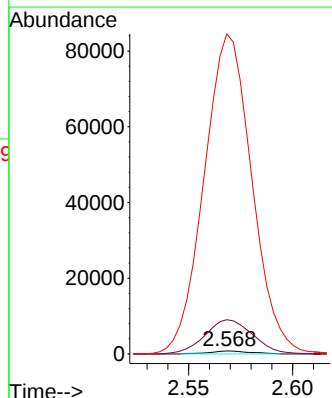
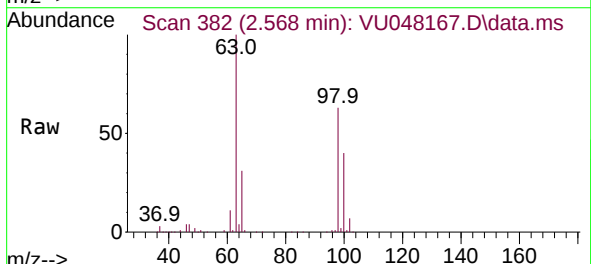
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J43

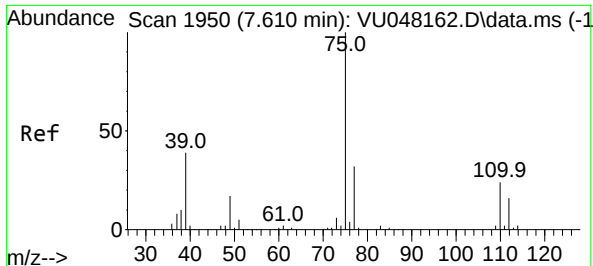
Tgt Ion: 101 Resp: 1162
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.488 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048167.D
 Acq: 21 Apr 2022 13:02

Tgt Ion: 96 Resp: 1068
 Ion Ratio Lower Upper
 96 100
 61 1113.6 113.1 210.1#
 63 10382.3 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048167.D

Acq: 21 Apr 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

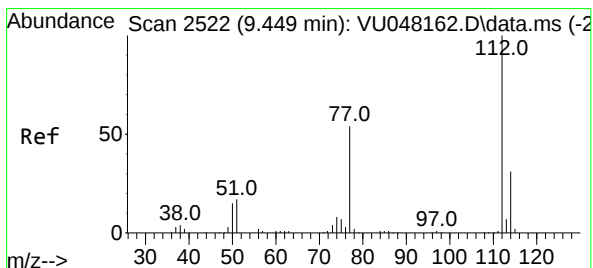
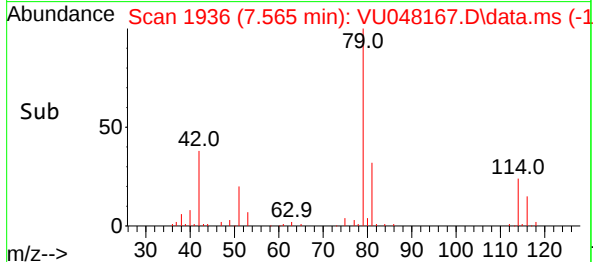
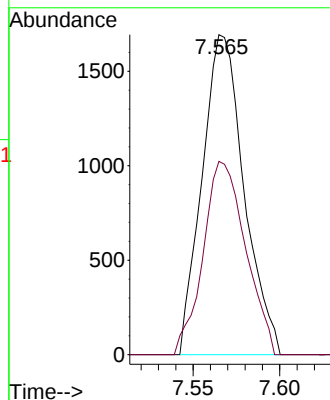
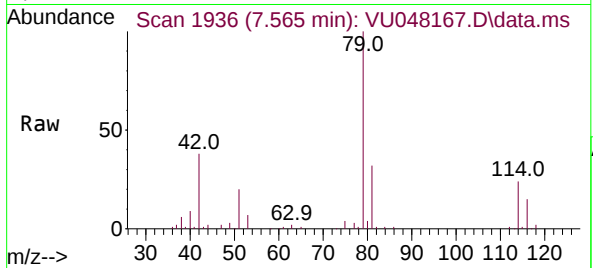
C0J43

Tgt Ion: 75 Resp: 2850

Ion Ratio Lower Upper

75 100

77 60.4 21.8 40.6#



#51

Chlorobenzene

Concen: 2.184 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048167.D

Acq: 21 Apr 2022 13:02

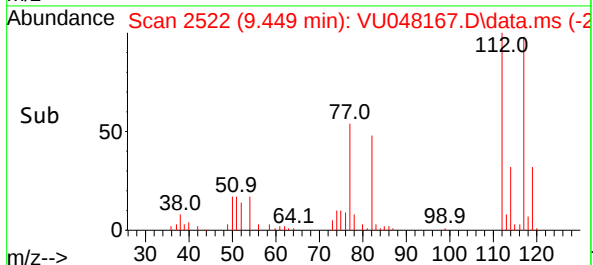
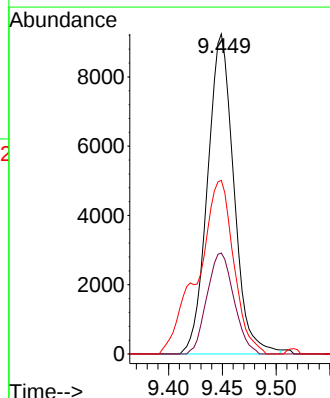
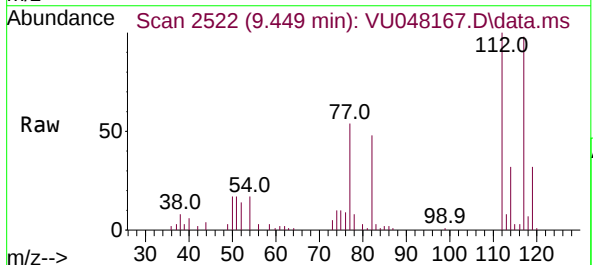
Tgt Ion: 112 Resp: 15722

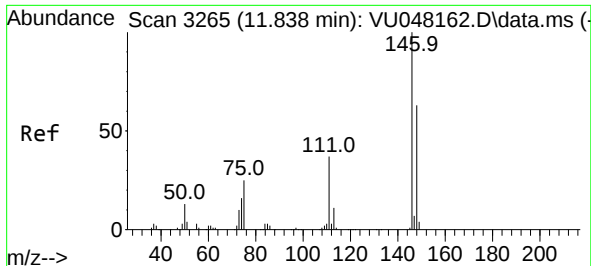
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 54.3 43.4 65.0

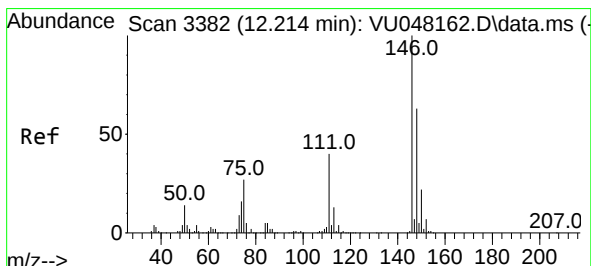
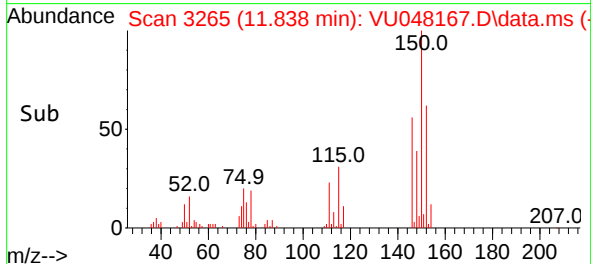
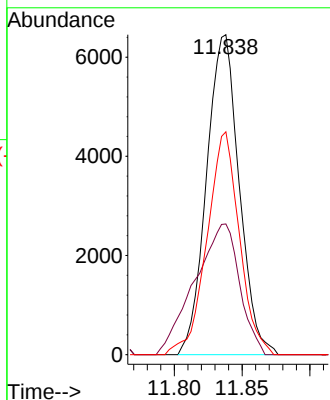
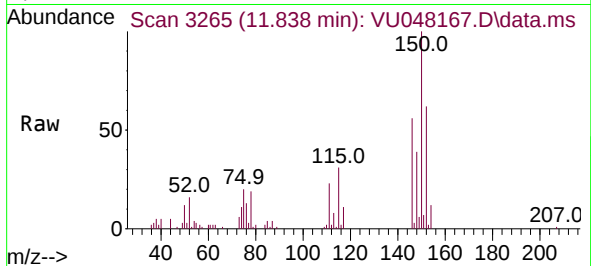




#65
1,4-Dichlorobenzene
Concen: 2.181 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048167.D
Acq: 21 Apr 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
C0J43

Tgt Ion:146 Resp: 10811
Ion Ratio Lower Upper
146 100
111 40.8 25.3 47.1
148 69.6 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.796 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048167.D
Acq: 21 Apr 2022 13:02

Tgt Ion:146 Resp: 8597
Ion Ratio Lower Upper
146 100
111 49.0 31.7 47.5#
148 66.1 51.4 77.2

