

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051555.D
 Acq On : 27 Oct 2022 21:46
 Operator : JC/MD
 Sample : N5300-11DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA74DL

Quant Time: Oct 28 00:13:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 00:08:00 2022
 Response via : Initial Calibration

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

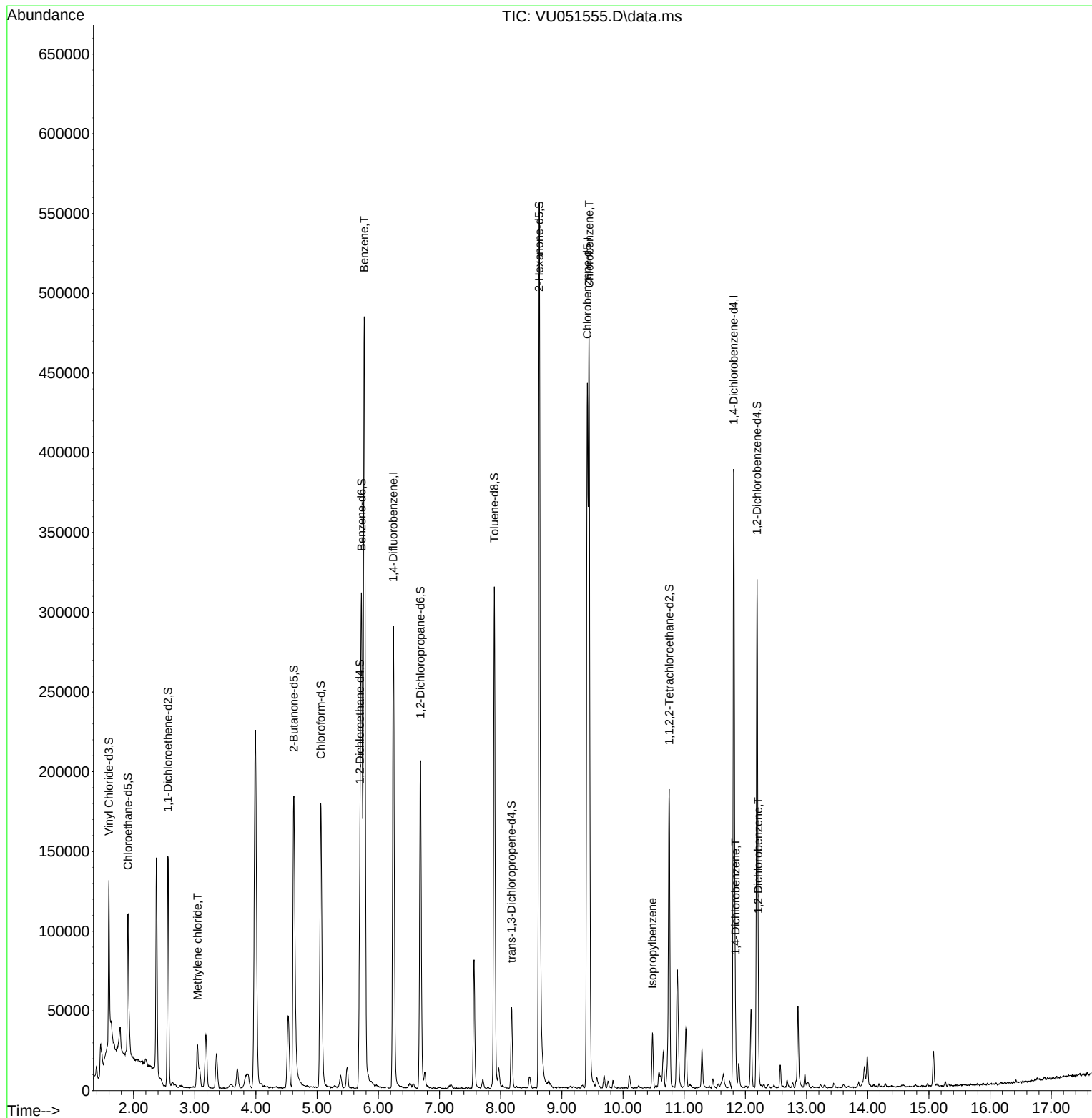
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	243445	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	244991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73321	3.734	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.600%	
7) Chloroethane-d5	1.909	69	73548	4.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.562	65	26637	3.431	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	4.620	46	254006	58.750	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.500%	
24) Chloroform-d	5.060	84	152276	4.159	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
26) 1,2-Dichloroethane-d4	5.700	65	85443	4.525	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.726	84	299642	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.687	67	104438	4.563	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.896	98	216158	3.585	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	8.179	79	29891	3.975	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.629	63	188850	74.513	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	149.020%#	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94308	5.158	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	87358	4.770	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	13006	0.496	ug/L	98
33) Benzene	5.771	78	482414	5.898	ug/L	100
51) Chlorobenzene	9.446	112	261133	5.034	ug/L	97
60) Isopropylbenzene	10.481	105	20114	0.301	ug/L #	82
65) 1,4-Dichlorobenzene	11.838	146	15568	0.479	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	4956	0.154	ug/L	95

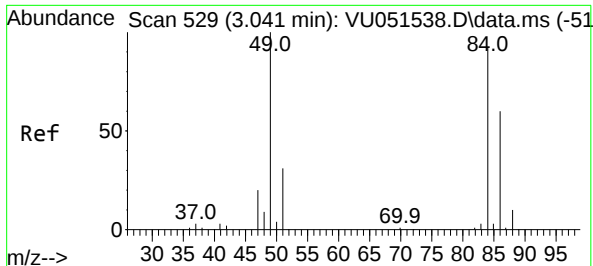
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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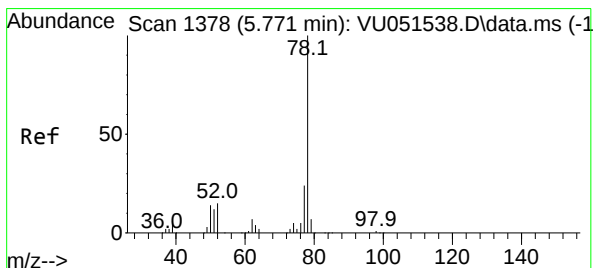
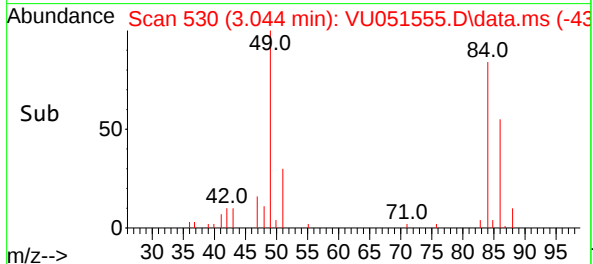
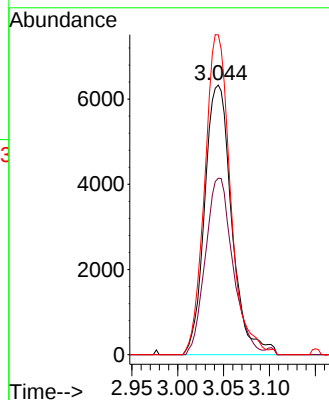
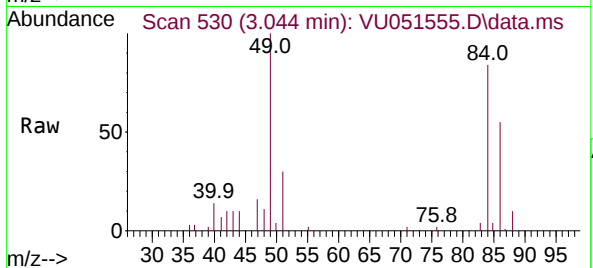




#16
Methylene chloride
Concen: 0.496 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

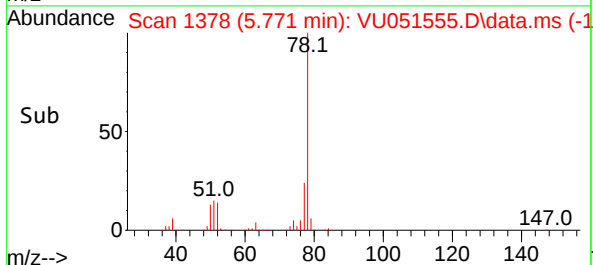
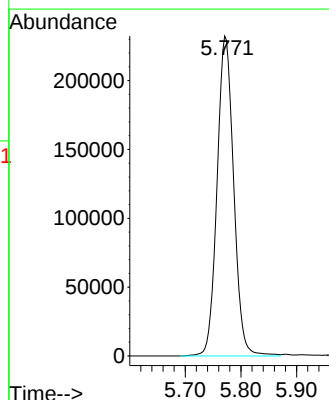
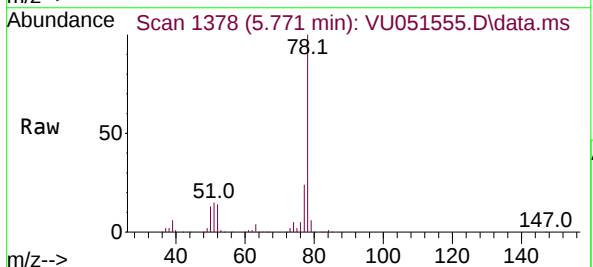
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MSVOA_U
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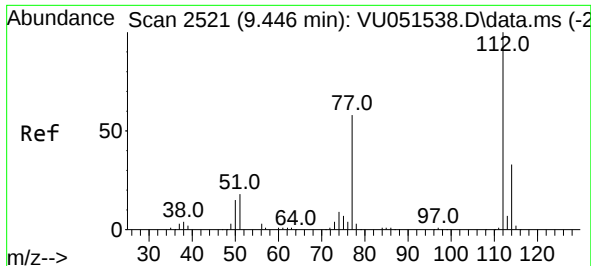
Tgt Ion: 84 Resp: 13006
Ion Ratio Lower Upper
84 100
86 65.5 46.5 86.3
49 118.6 81.3 151.1



#33
Benzene
Concen: 5.898 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Tgt Ion: 78 Resp: 482414

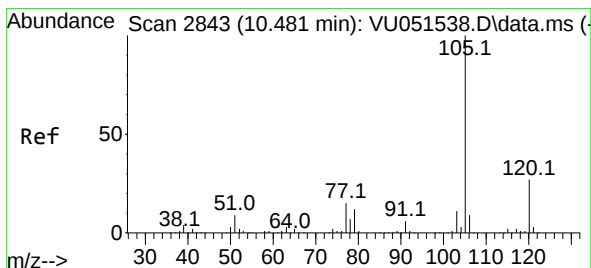
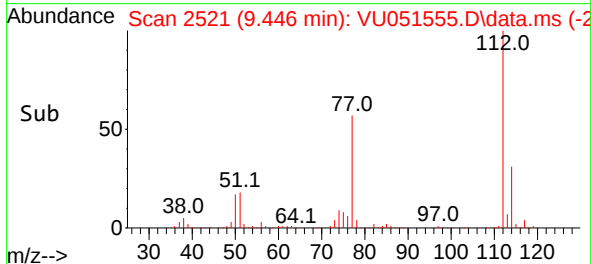
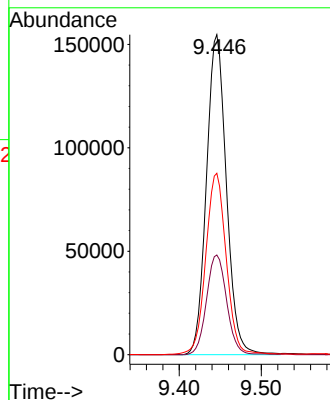
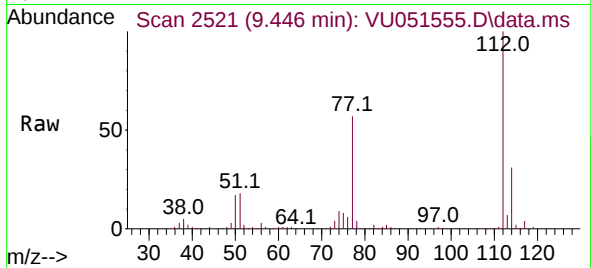




#51
Chlorobenzene
Concen: 5.034 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

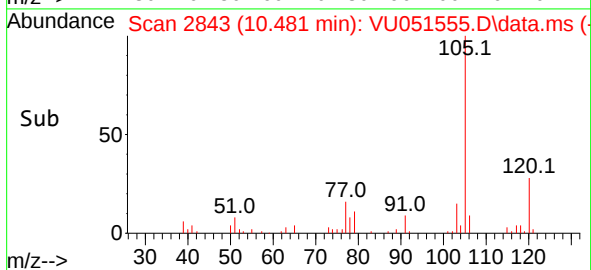
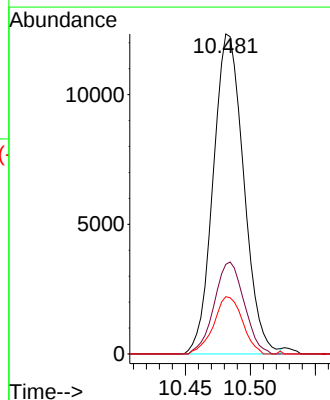
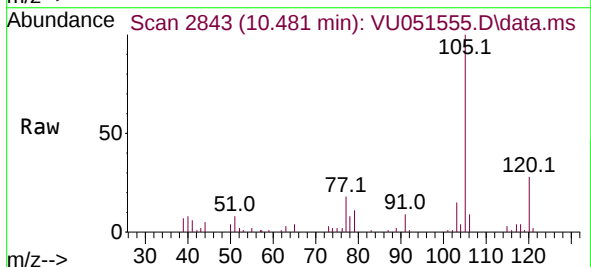
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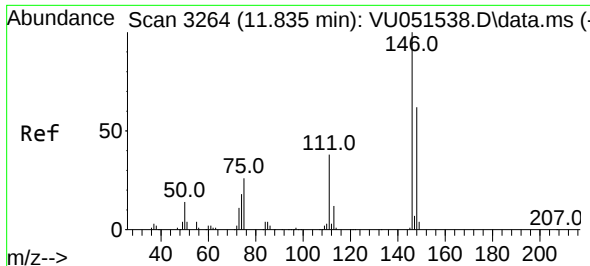
Tgt Ion:112 Resp: 261133
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.5
77 56.7 48.1 72.1



#60
Isopropylbenzene
Concen: 0.301 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Tgt Ion:105 Resp: 20114
Ion Ratio Lower Upper
105 100
120 28.2 20.6 30.8
77 0.0 13.5 20.3#

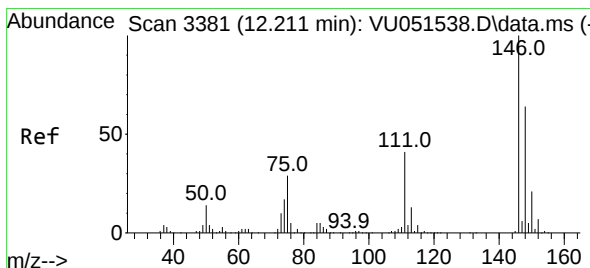
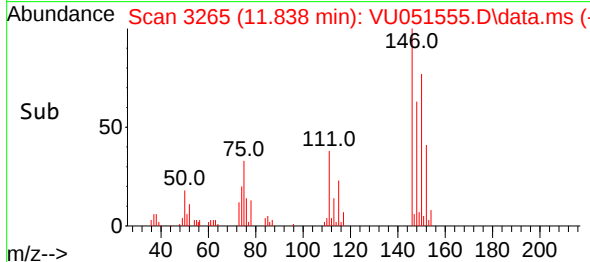
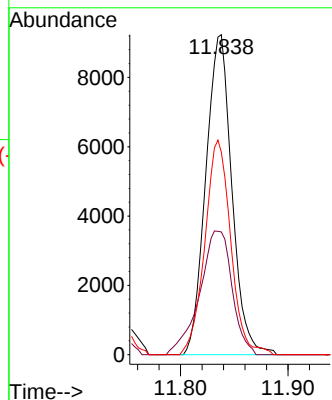
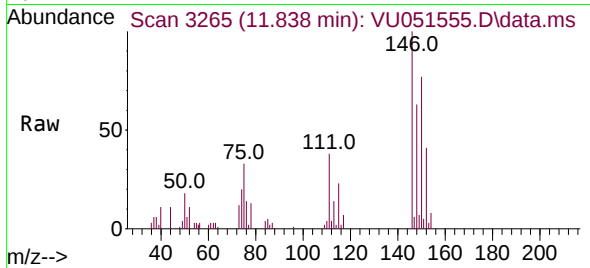




#65
1,4-Dichlorobenzene
Concen: 0.479 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Instrument :
MSVOA_U
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Tgt Ion:146 Resp: 15568
Ion Ratio Lower Upper
146 100
111 38.4 29.1 54.1
148 63.3 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.154 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051555.D
Acq: 27 Oct 2022 21:46

Tgt Ion:146 Resp: 4956
Ion Ratio Lower Upper
146 100
111 50.6 35.5 53.3
148 62.8 50.9 76.3

