

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051474.D
 Acq On : 20 Oct 2022 16:05
 Operator : JC/MD
 Sample : N5180-05DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX4DL

Quant Time: Oct 20 22:27:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

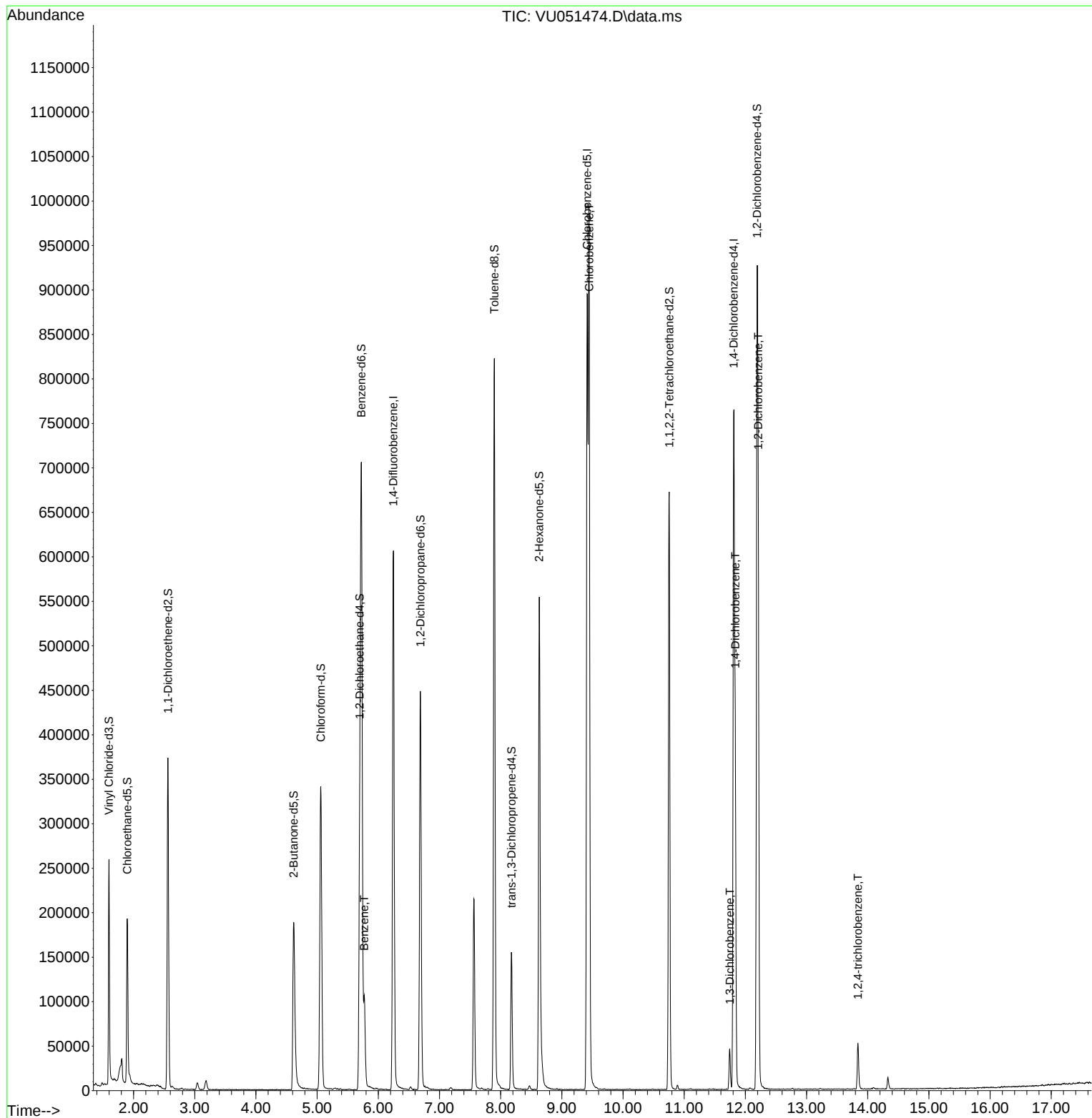
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	485326	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	485535	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	199425	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	178059	46.238	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.480%	
7) Chloroethane-d5	1.896	69	146361	46.134	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.260%	
11) 1,1-Dichloroethene-d2	2.562	63	224485	34.244	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.480%	
21) 2-Butanone-d5	4.617	46	268455	98.893	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.890%	
24) Chloroform-d	5.060	84	327912	46.360	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.720%	
26) 1,2-Dichloroethane-d4	5.697	65	209798	47.710	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.420%	
32) Benzene-d6	5.723	84	668594	50.849	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.700%	
36) 1,2-Dichloropropane-d6	6.687	67	220978	51.178	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.360%	
41) Toluene-d8	7.896	98	559232	46.662	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.320%	
43) trans-1,3-Dichloroprop...	8.176	79	88021	47.875	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.760%	
47) 2-Hexanone-d5	8.629	63	178149	93.936	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.940%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	342812	45.702	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	207029	55.456	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	110.920%	
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	99065	6.241	ug/L	100
51) Chlorobenzene	9.446	112	518165	48.579	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	18717	2.928	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	151005	22.969	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	220497	33.112	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	17765	5.381	ug/L	99

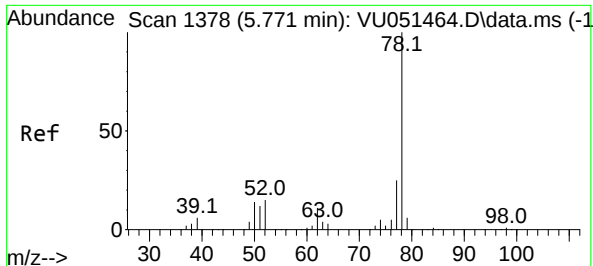
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:53:25 2022
Response via : Initial Calibration





#33

Benzene

Concen: 6.241 ug/L

RT: 5.771 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051474.D

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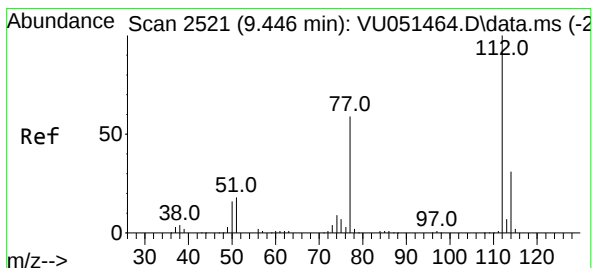
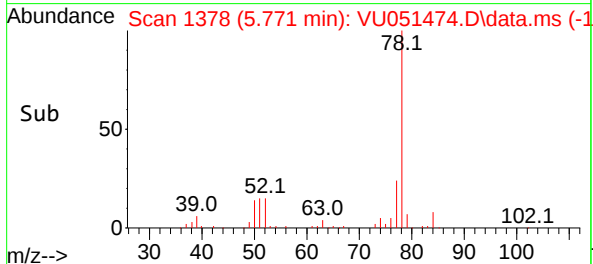
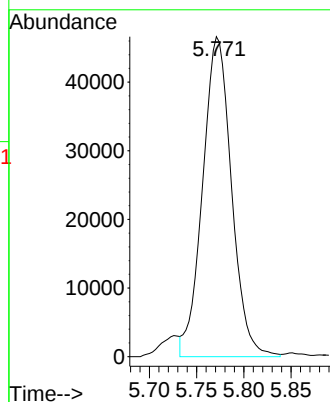
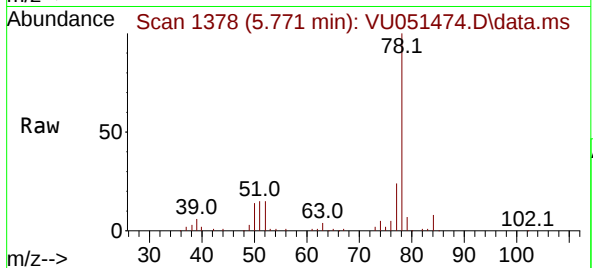
Instrument :

MSVOA_U

ClientSampleId :

C0KX4DL

Tgt Ion: 78 Resp: 99065



#51

Chlorobenzene

Concen: 48.579 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

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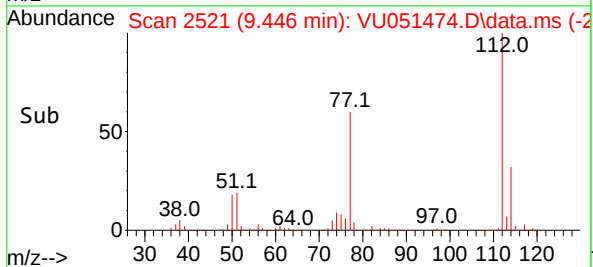
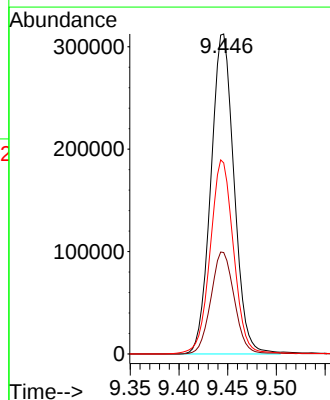
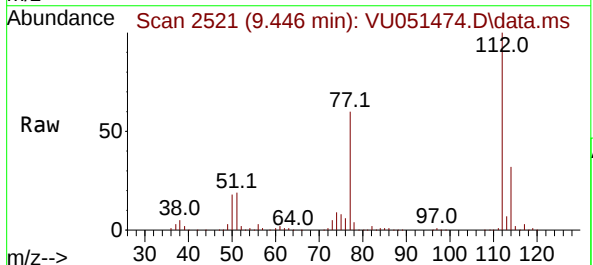
Tgt Ion: 112 Resp: 518165

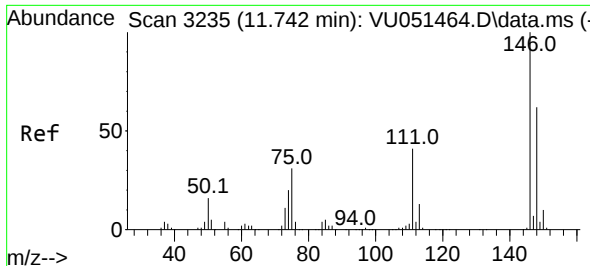
Ion Ratio Lower Upper

112 100

114 31.7 21.9 40.7

77 59.7 47.3 70.9

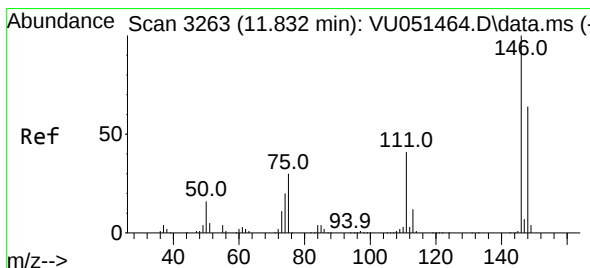
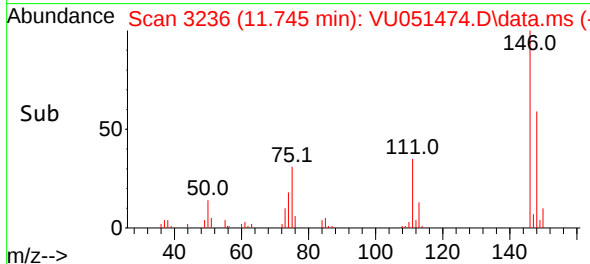
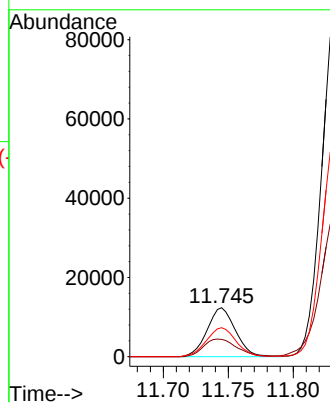
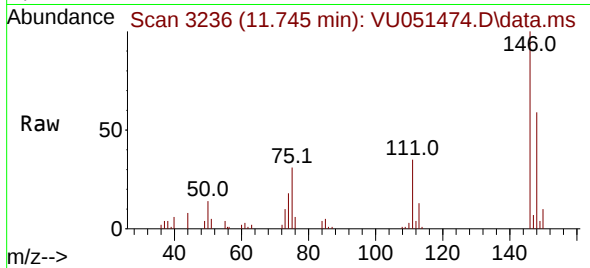




#64
1,3-Dichlorobenzene
Concen: 2.928 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

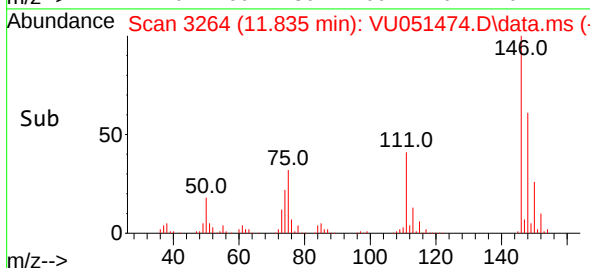
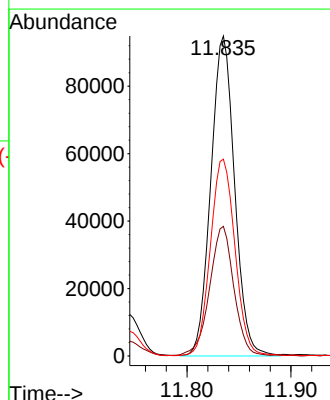
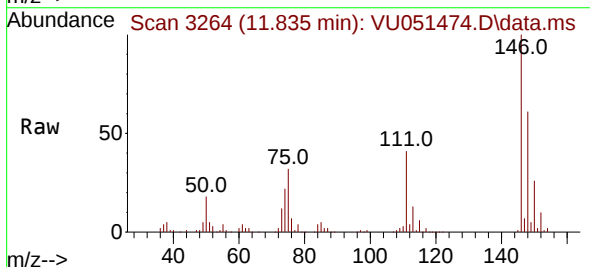
Instrument :
MSVOA_U
ClientSampleId :
C0KX4DL

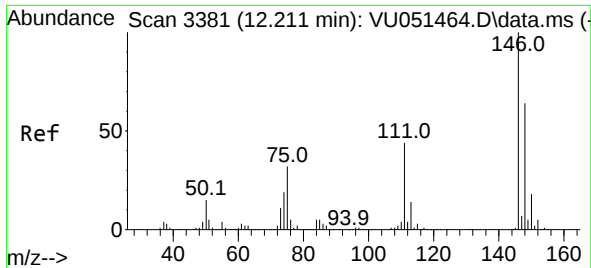
Tgt Ion:146 Resp: 18717
Ion Ratio Lower Upper
146 100
111 35.3 28.7 53.3
148 59.1 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 22.969 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

Tgt Ion:146 Resp: 151005
Ion Ratio Lower Upper
146 100
111 40.5 28.9 53.7
148 61.5 44.6 82.8

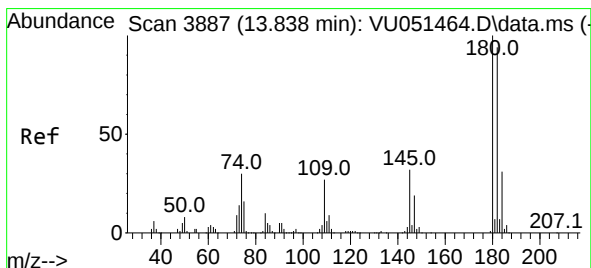
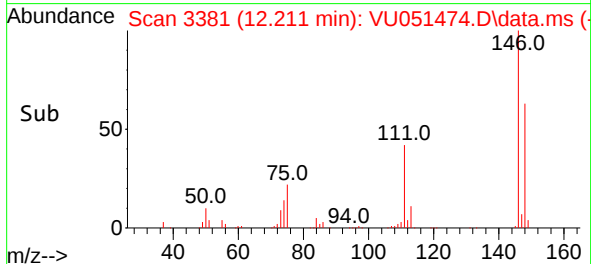
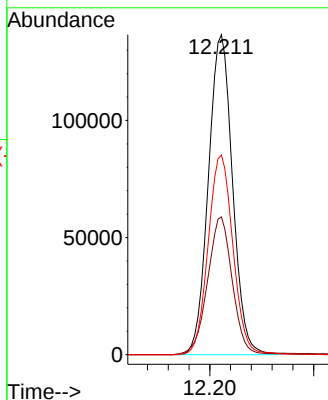
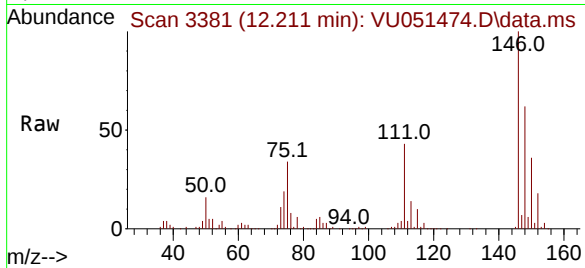




#67
1,2-Dichlorobenzene
Concen: 33.112 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

Instrument :
MSVOA_U
ClientSampleId :
C0KX4DL

Tgt Ion:146 Resp: 220497
Ion Ratio Lower Upper
146 100
111 43.0 35.3 52.9
148 62.4 51.1 76.7



#70
1,2,4-trichlorobenzene
Concen: 5.381 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051474.D
Acq: 20 Oct 2022 16:05

Tgt Ion:180 Resp: 17765
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 29.0 25.0 37.6

