

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052835.D
 Acq On : 27 Jan 2023 10:44
 Operator : JC/MD
 Sample : 01314-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L0

Quant Time: Jan 27 22:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

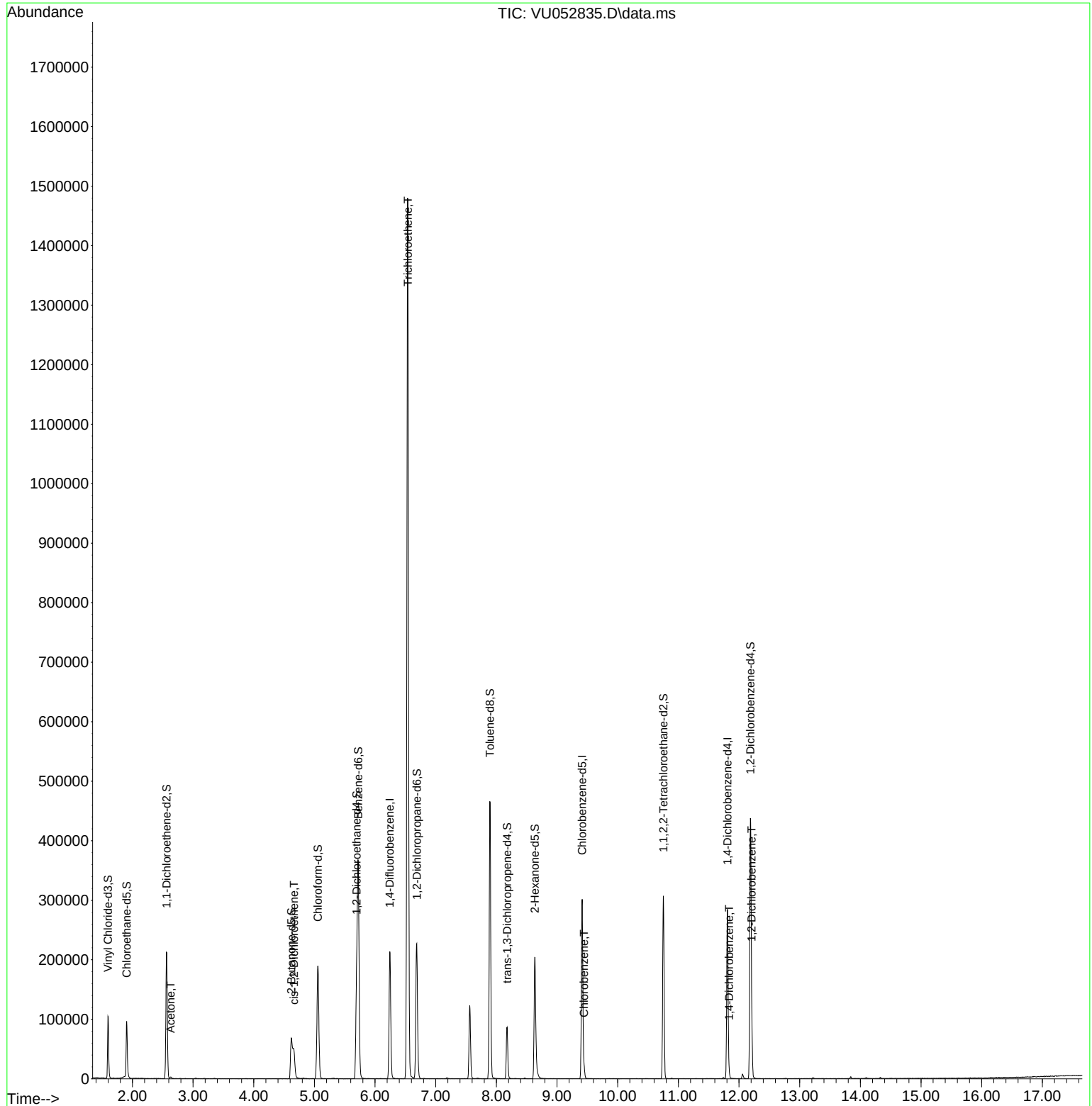
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	176922	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79574	62.489	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 124.980%		
7) Chloroethane-d5	1.906	69	69443	66.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 132.360%#		
11) 1,1-Dichloroethene-d2	2.562	63	124493	49.153	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 98.300%		
21) 2-Butanone-d5	4.620	46	99975	127.090	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 127.090%		
24) Chloroform-d	5.057	84	179942	66.212	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 132.420%#		
26) 1,2-Dichloroethane-d4	5.697	65	118845	68.488	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 136.980%#		
32) Benzene-d6	5.723	84	348060	65.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 131.780%#		
36) 1,2-Dichloropropane-d6	6.687	67	105278	67.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 135.900%#		
41) Toluene-d8	7.893	98	304441	63.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 126.580%#		
43) trans-1,3-Dichloroprop...	8.176	79	49880	64.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 128.460%#		
47) 2-Hexanone-d5	8.632	63	70187	128.927	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 128.930%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144934	63.314	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 126.620%#		
66) 1,2-Dichlorobenzene-d4	12.189	152	116761	75.213	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 150.420%#		
Target Compounds						
						Qvalue
13) Acetone	2.629	43	3317	3.452	ug/L	83
20) cis-1,2-Dichloroethene	4.662	96	22387	14.825	ug/L	100
34) Trichloroethene	6.539	95	489847	327.429	ug/L	95
51) Chlorobenzene	9.443	112	11224	2.704	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	4875	1.808	ug/L	94
67) 1,2-Dichlorobenzene	12.208	146	30060	11.408	ug/L	97

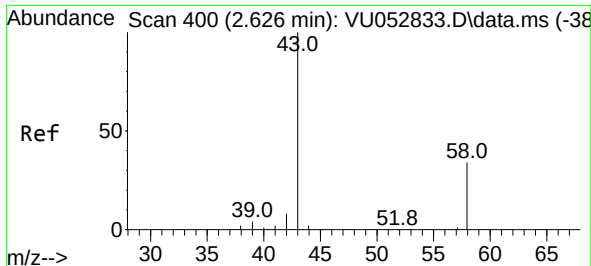
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.452 ug/L

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU052835.D

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Instrument :

MSVOA_U

ClientSampleId :

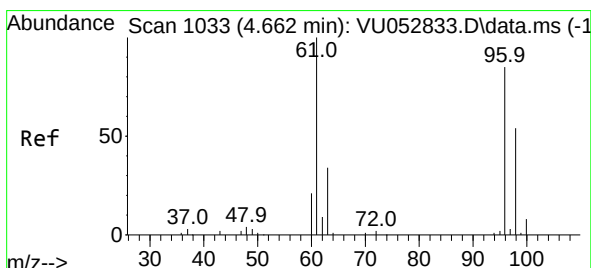
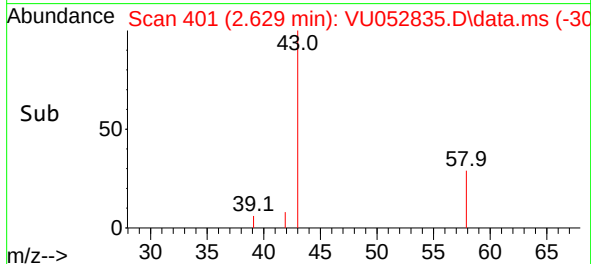
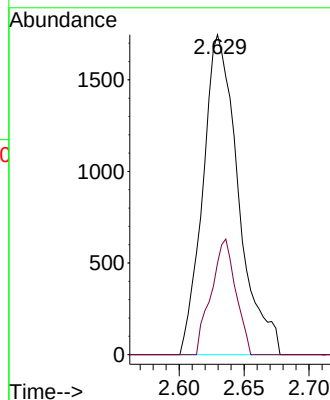
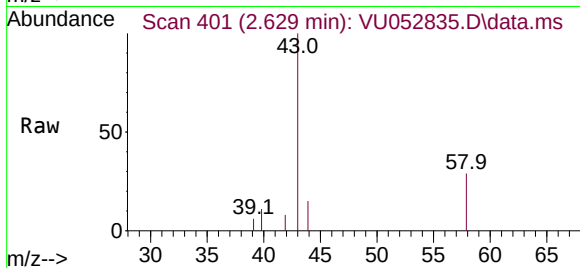
A44L0

Tgt Ion: 43 Resp: 3317

Ion Ratio Lower Upper

43 100

58 24.9 0.0 70.2



#20

cis-1,2-Dichloroethene

Concen: 14.825 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

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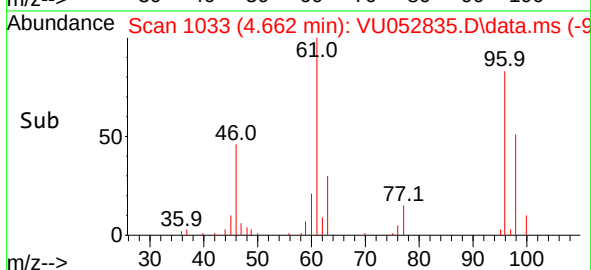
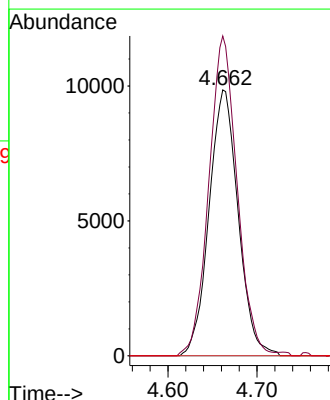
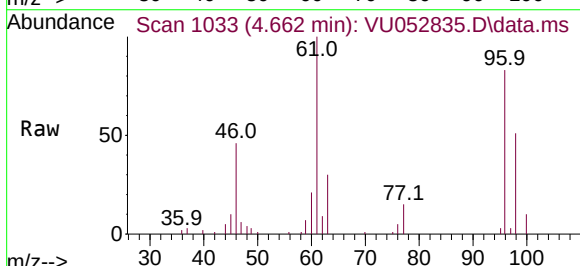
Tgt Ion: 96 Resp: 22387

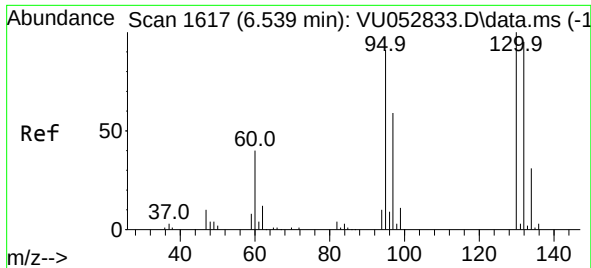
Ion Ratio Lower Upper

96 100

61 120.3 84.1 156.1

68 0.0 0.0 0.0

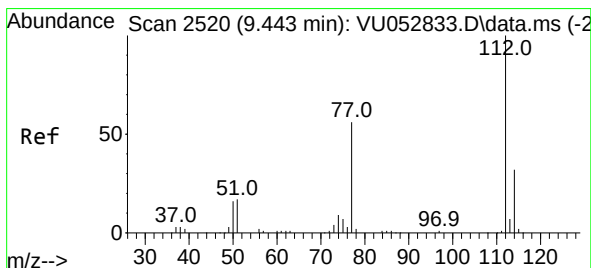
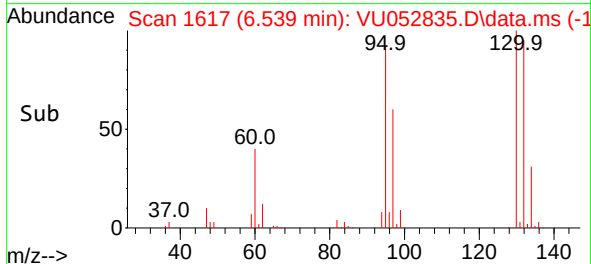
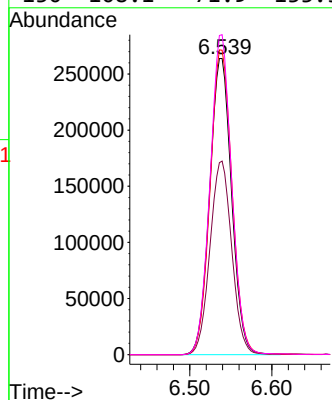
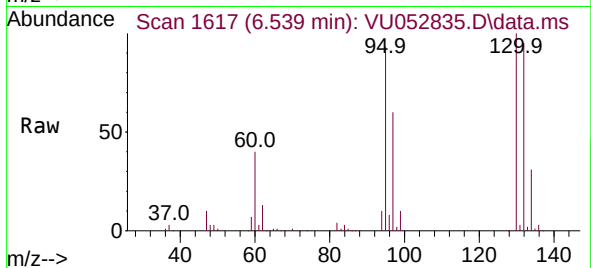




#34
Trichloroethene
Concen: 327.429 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052835.D
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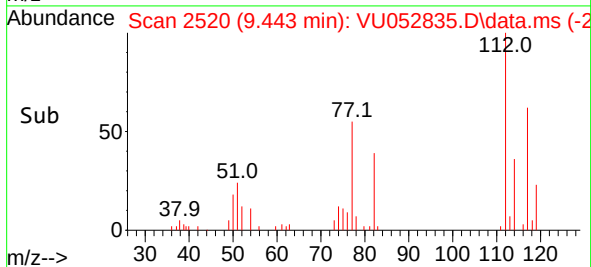
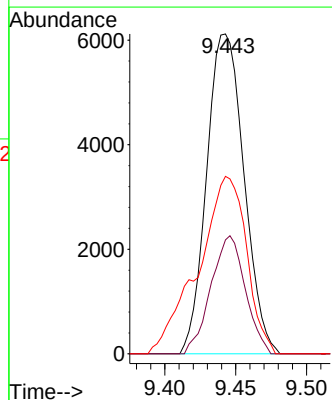
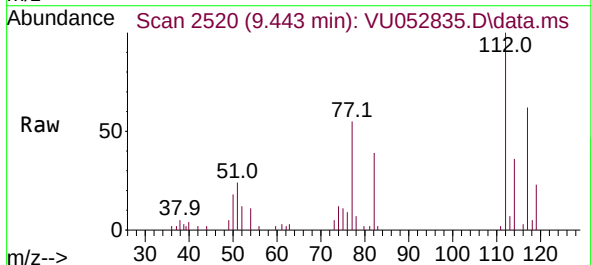
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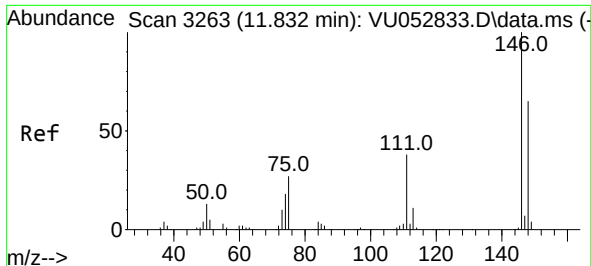
Tgt Ion: 95 Resp: 489847
Ion Ratio Lower Upper
95 100
97 65.4 44.5 82.7
132 102.8 66.8 124.0
130 108.1 71.9 133.5



#51
Chlorobenzene
Concen: 2.704 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052835.D
Acq: 27 Jan 2023 10:44

Tgt Ion: 112 Resp: 11224
Ion Ratio Lower Upper
112 100
114 35.6 22.8 42.4
77 55.5 45.9 68.9

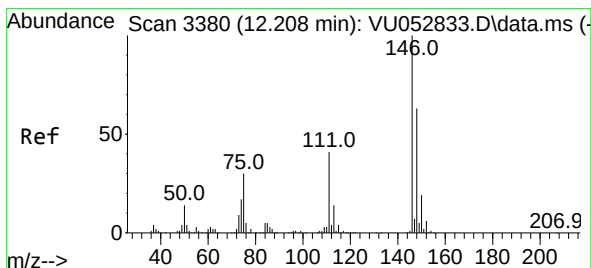
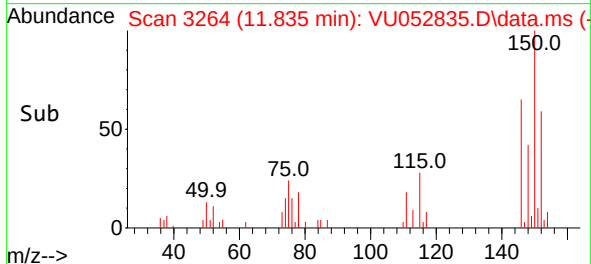
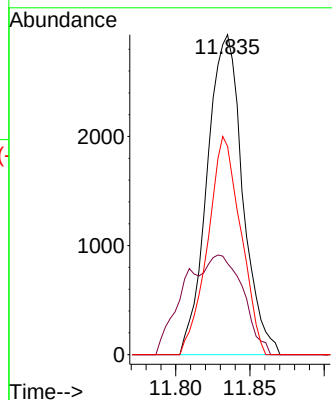
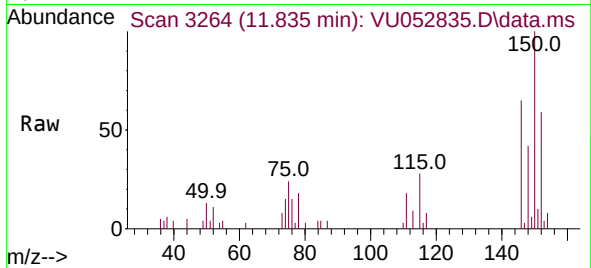




#65
1,4-Dichlorobenzene
Concen: 1.808 ug/L
RT: 11.835 min Scan# 3263
Delta R.T. 0.003 min
Lab File: VU052835.D
Acq: 27 Jan 2023 10:44

Instrument :
MSVOA_U
ClientSampleId :
A44L0

Tgt Ion:146 Resp: 4875
Ion Ratio Lower Upper
146 100
111 28.5 26.7 49.7
148 65.1 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 11.408 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052835.D
Acq: 27 Jan 2023 10:44

Tgt Ion:146 Resp: 30060
Ion Ratio Lower Upper
146 100
111 39.0 33.2 49.8
148 60.8 50.2 75.4

