

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056183.D
 Acq On : 10 Nov 2023 20:34
 Operator : MD/SY
 Sample : 05340-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL6

Quant Time: Nov 11 01:42:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

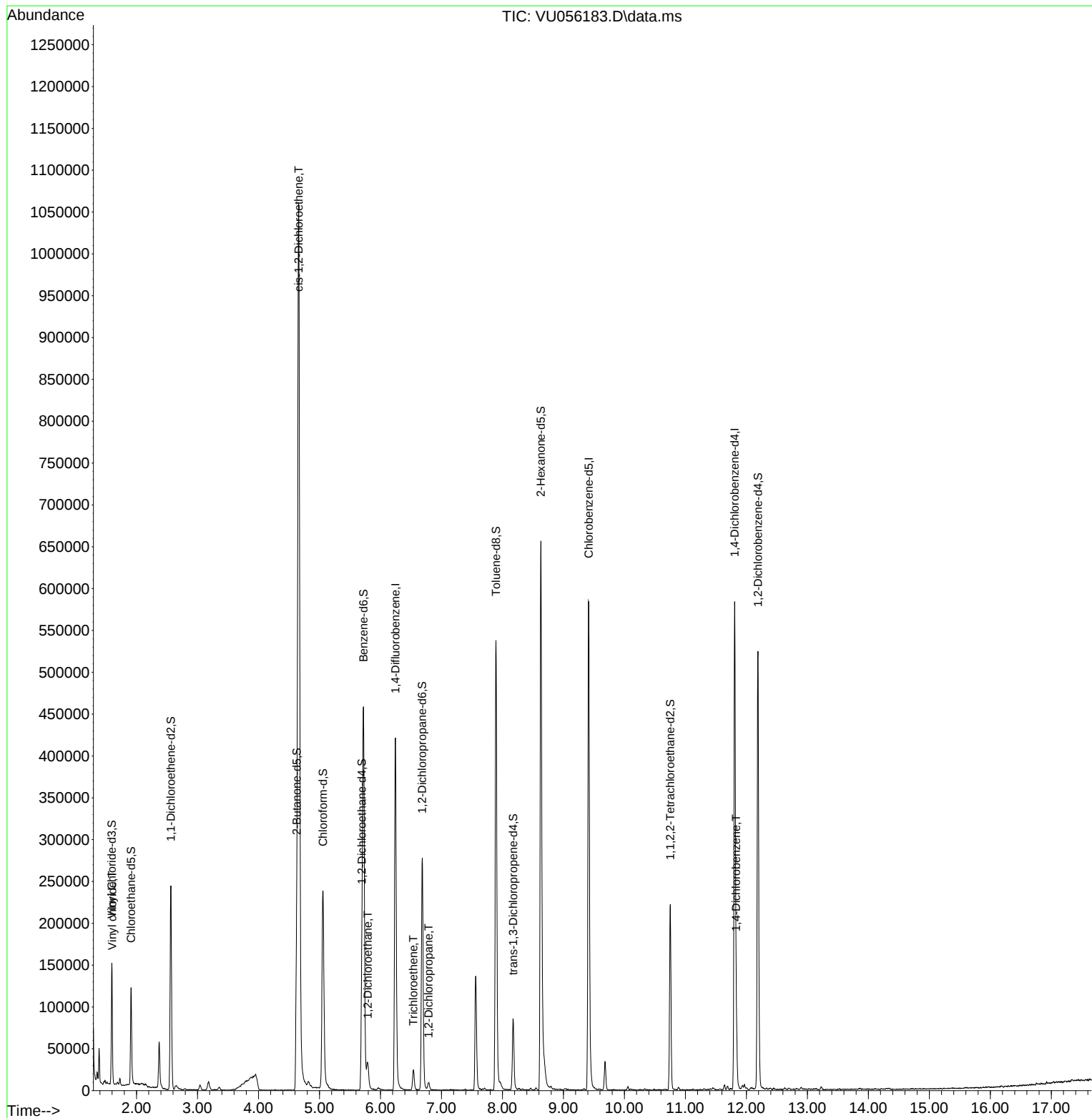
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	362906	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	355828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	161896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99477	4.416	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.911	69	87190	5.704	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.000%	
11) 1,1-Dichloroethene-d2	2.563	65	45881	4.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.628	46	295703	80.018	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	160.040%#	
24) Chloroform-d	5.058	84	228304	5.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
26) 1,2-Dichloroethane-d4	5.695	65	111651	5.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	118.200%	
32) Benzene-d6	5.721	84	458178	5.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.200%	
36) 1,2-Dichloropropane-d6	6.685	67	142092	5.648	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.000%	
41) Toluene-d8	7.894	98	390469	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	8.177	79	51631	5.369	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	107.400%	
46) 2-Hexanone-d5	8.631	63	238469	75.662	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	151.320%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	113013	6.294	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	125.800%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	147284	5.899	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	6281	0.211	ug/L #	69
22) cis-1,2-Dichloroethene	4.660	96	555926	20.836	ug/L	98
27) 1,2-Dichloroethane	5.792	62	23166	0.852	ug/L #	93
34) Trichloroethene	6.541	95	8275	0.297	ug/L	95
37) 1,2-Dichloropropane	6.788	63	3831	0.145	ug/L #	92
65) 1,4-Dichlorobenzene	11.833	146	32006	0.651	ug/L	97

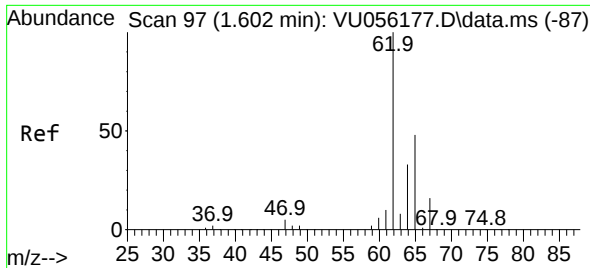
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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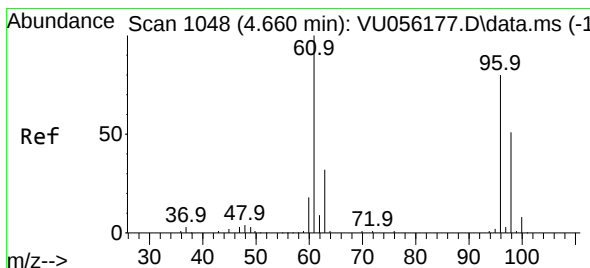
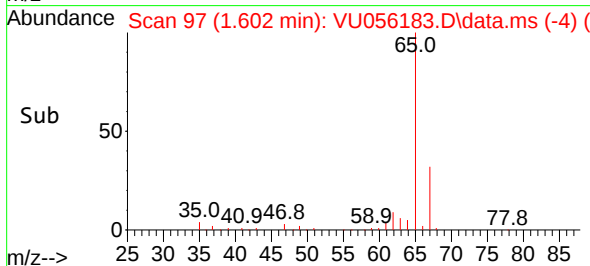
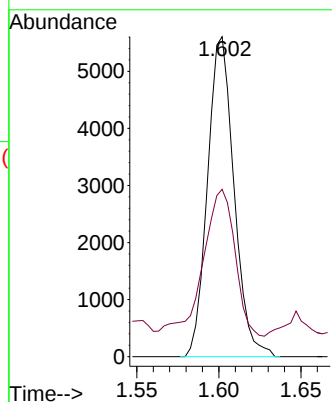
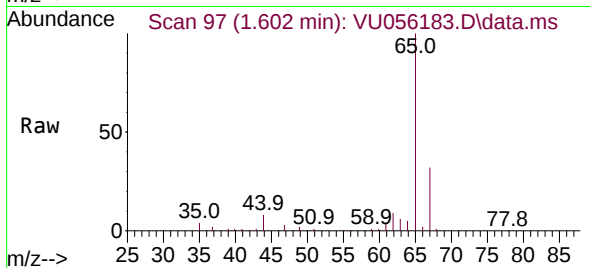




#5
 Vinyl chloride
 Concen: 0.211 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056183.D
 Acq: 10 Nov 2023 20:34

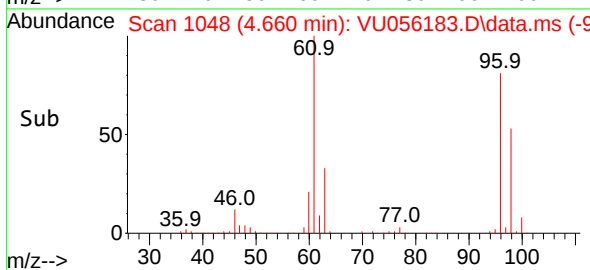
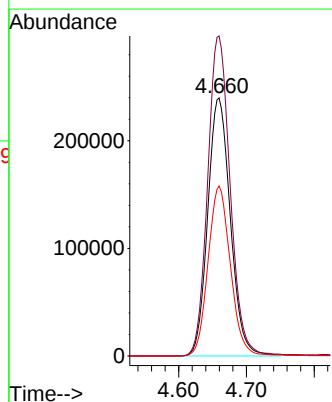
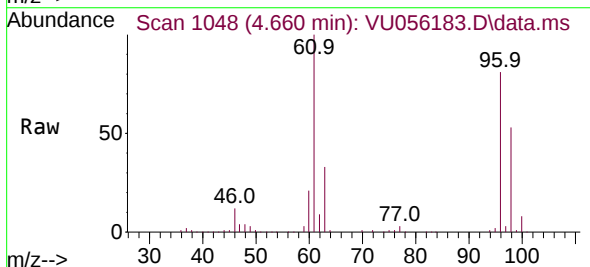
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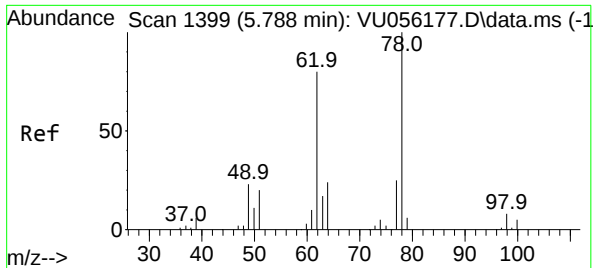
Tgt Ion: 62 Resp: 6281
 Ion Ratio Lower Upper
 62 100
 64 52.3 24.1 44.7#



#22
 cis-1,2-Dichloroethene
 Concen: 20.836 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056183.D
 Acq: 10 Nov 2023 20:34

Tgt Ion: 96 Resp: 555926
 Ion Ratio Lower Upper
 96 100
 61 124.0 87.8 163.2
 98 65.8 43.5 80.7

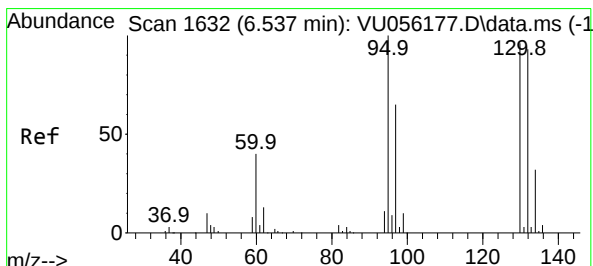
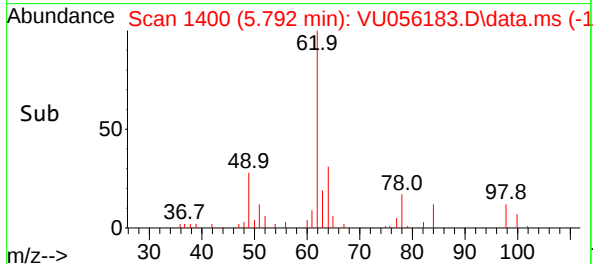
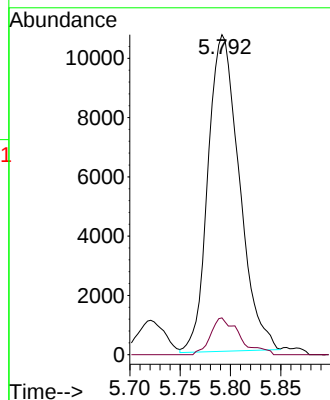
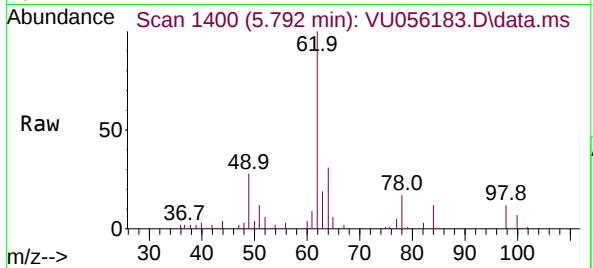




#27
1,2-Dichloroethane
Concen: 0.852 ug/L
RT: 5.792 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU056183.D
Acq: 10 Nov 2023 20:34

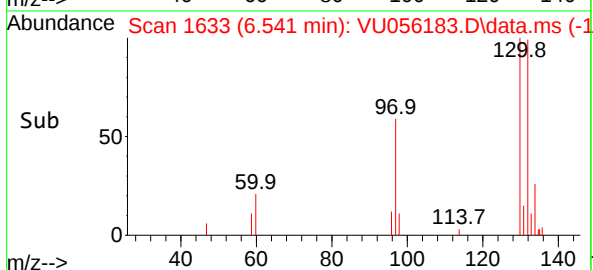
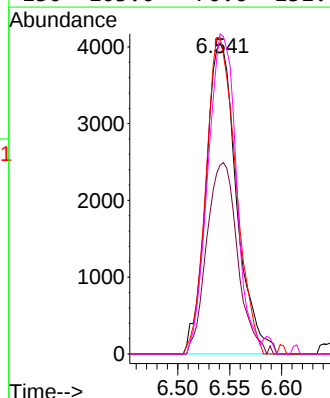
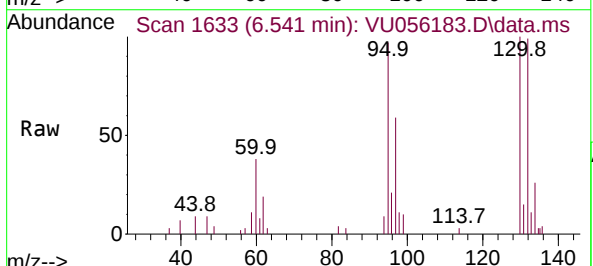
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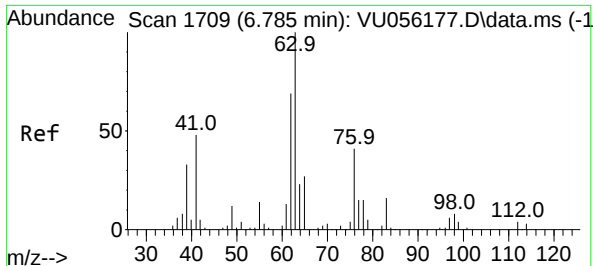
Tgt Ion: 62 Resp: 23166
Ion Ratio Lower Upper
62 100
98 11.5 7.1 10.7#



#34
Trichloroethene
Concen: 0.297 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056183.D
Acq: 10 Nov 2023 20:34

Tgt Ion: 95 Resp: 8275
Ion Ratio Lower Upper
95 100
97 60.7 46.8 87.0
132 102.0 66.5 123.5
130 103.0 70.6 131.0

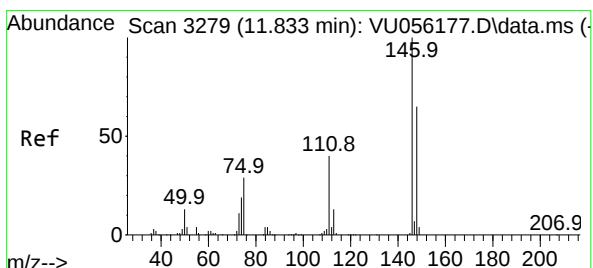
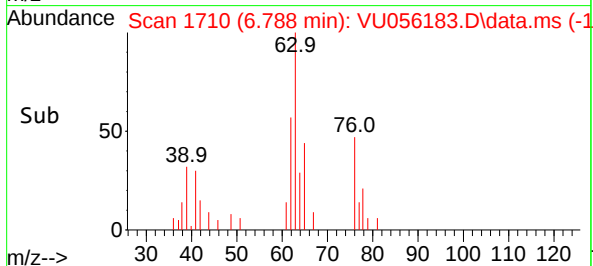
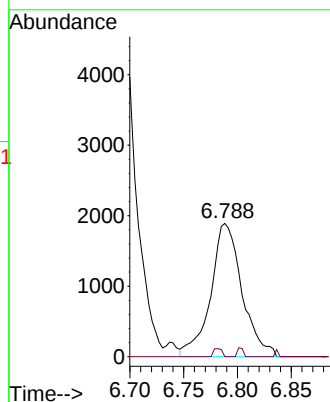
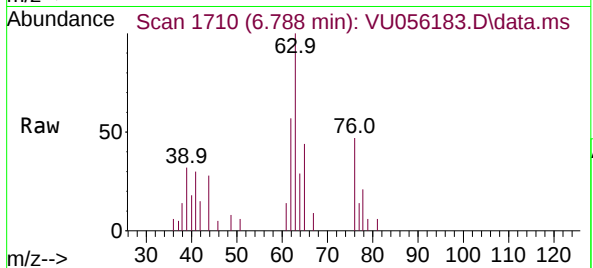




#37
1,2-Dichloropropane
Concen: 0.145 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056183.D
Acq: 10 Nov 2023 20:34

Instrument :
MSVOA_U
ClientSampleId :
GCDL6

Tgt Ion: 63 Resp: 3831
Ion Ratio Lower Upper
63 100
112 1.6 3.4 5.2#



#65
1,4-Dichlorobenzene
Concen: 0.651 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056183.D
Acq: 10 Nov 2023 20:34

Tgt Ion: 146 Resp: 32006
Ion Ratio Lower Upper
146 100
111 41.3 29.0 53.8
148 66.6 43.9 81.5

