

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033509.D
 Acq On : 20 Dec 2023 14:10
 Operator : SY/MD
 Sample : 05927-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWA3

Quant Time: Dec 21 01:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

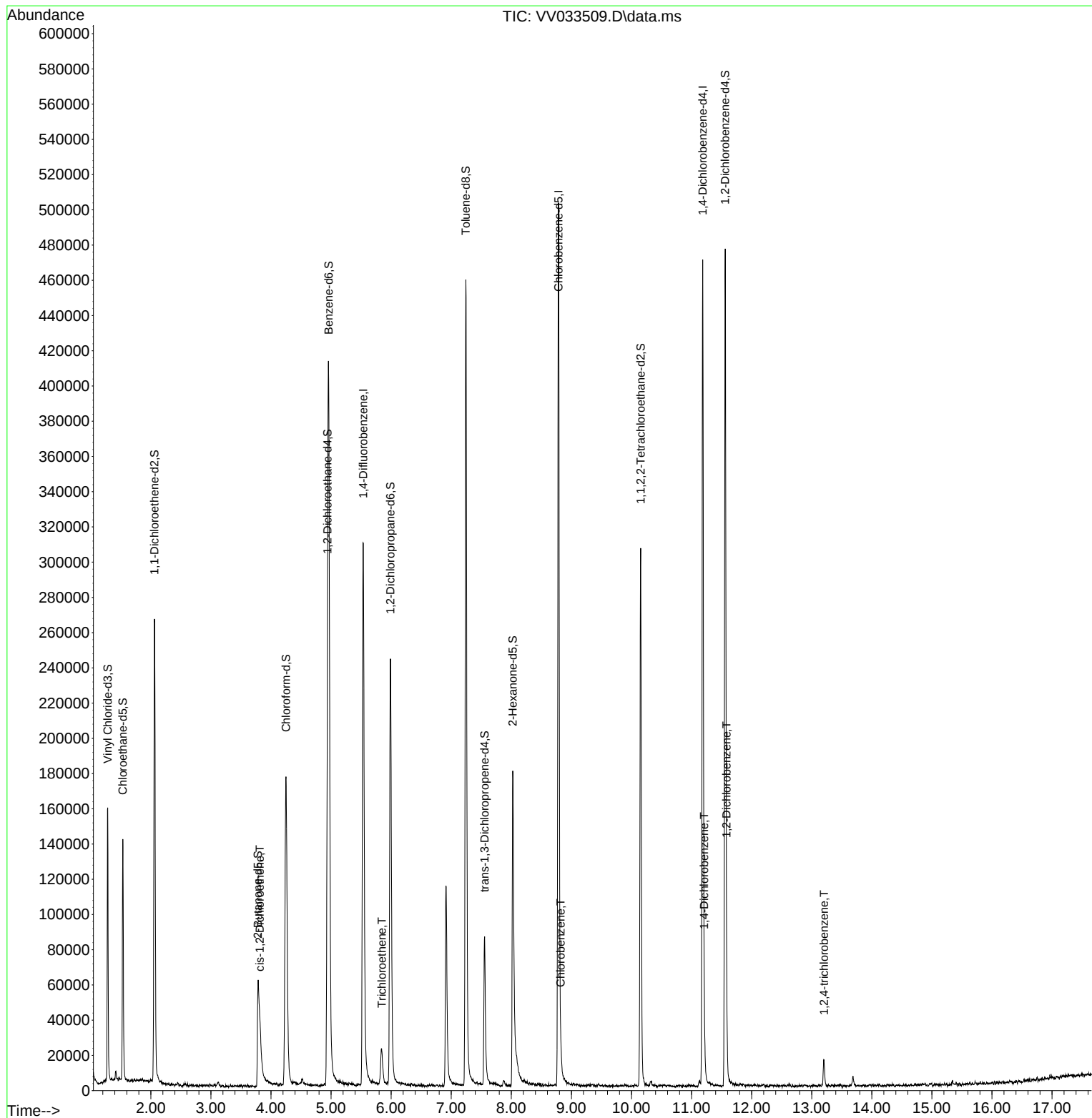
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	265057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	268920	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	100928	49.446	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.900%	
7) Chloroethane-d5	1.532	69	89739	48.990	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	97.980%	
11) 1,1-Dichloroethene-d2	2.060	65	45684	44.961	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.920%	
21) 2-Butanone-d5	3.783	46	93128	90.527	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	90.530%	
24) Chloroform-d	4.249	84	188082	46.582	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.160%	
26) 1,2-Dichloroethane-d4	4.940	65	123026	49.600	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.200%	
32) Benzene-d6	4.960	84	362339	50.027	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.060%	
36) 1,2-Dichloropropane-d6	5.989	67	115816	52.687	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.380%	
41) Toluene-d8	7.243	98	297959	44.959	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.920%	
43) trans-1,3-Dichloroprop...	7.555	79	49026	45.508	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.020%	
47) 2-Hexanone-d5	8.024	63	59165	80.022	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	80.020%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	143324	45.364	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.720%	
66) 1,2-Dichlorobenzene-d4	11.561	152	110487	51.224	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.440%	
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.812	96	8234	4.113	ug/L	97
34) Trichloroethene	5.847	95	6610	3.361	ug/L	87
51) Chlorobenzene	8.821	112	8761	1.600	ug/L #	86
65) 1,4-Dichlorobenzene	11.210	146	8799	2.413	ug/L	88
67) 1,2-Dichlorobenzene	11.580	146	11872	3.367	ug/L #	88
70) 1,2,4-trichlorobenzene	13.204	180	4181	2.042	ug/L	94

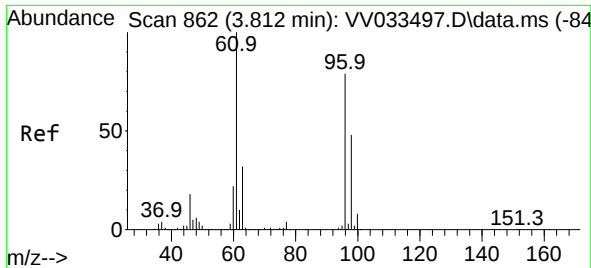
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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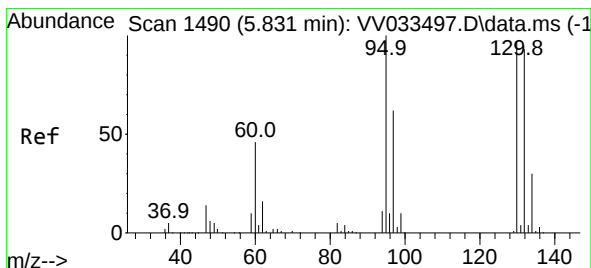
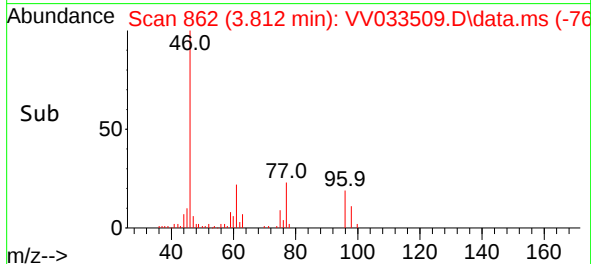
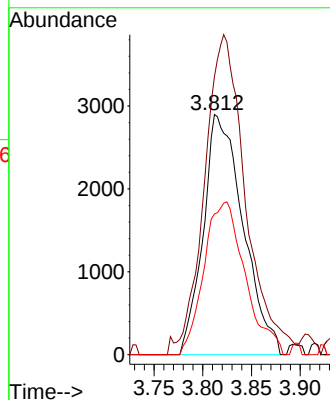
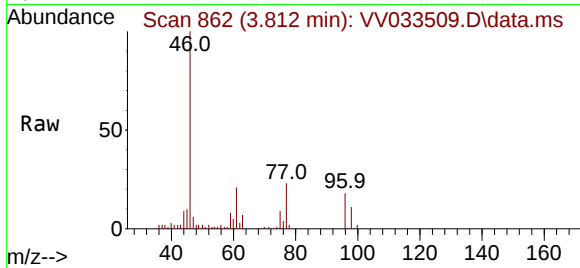




#20
cis-1,2-Dichloroethene
Concen: 4.113 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

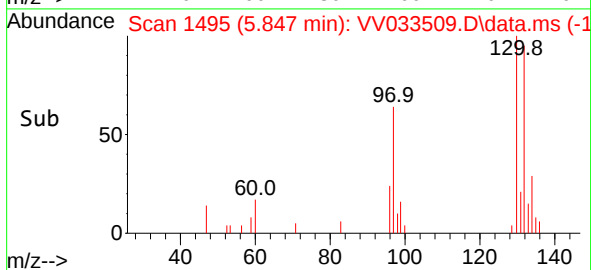
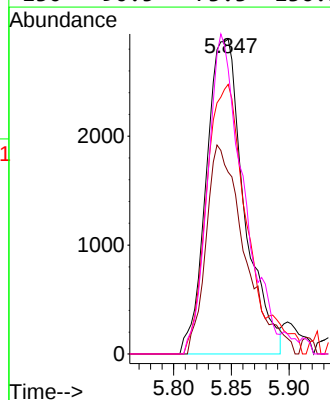
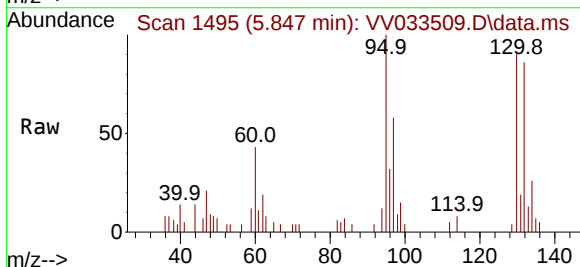
Instrument :
MSVOA_V
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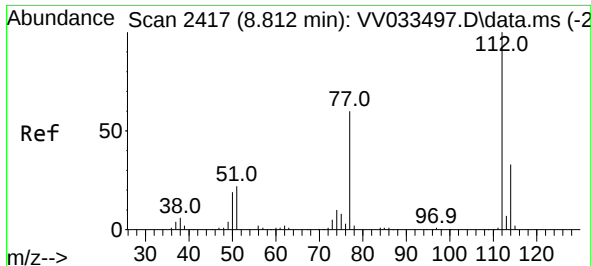
Tgt Ion:	96	Resp:	8234
Ion	Ratio	Lower	Upper
96	100		
61	115.8	81.9	152.1
98	58.5	44.3	82.3



#34
Trichloroethene
Concen: 3.361 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.016 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

Tgt Ion:	95	Resp:	6610
Ion	Ratio	Lower	Upper
95	100		
97	57.8	44.8	83.2
132	85.6	69.9	129.7
130	90.5	73.3	136.1

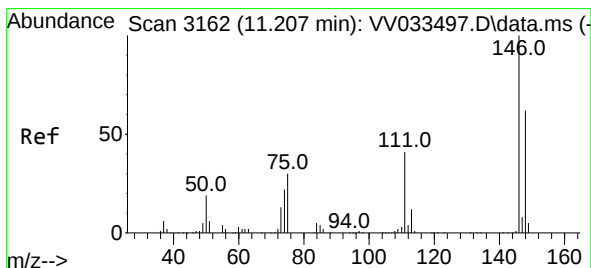
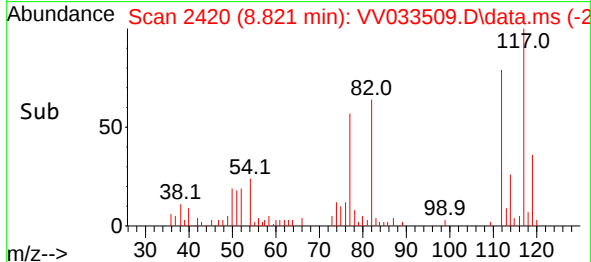
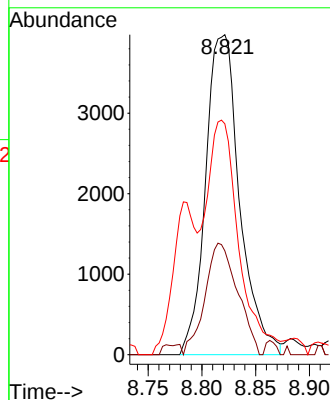
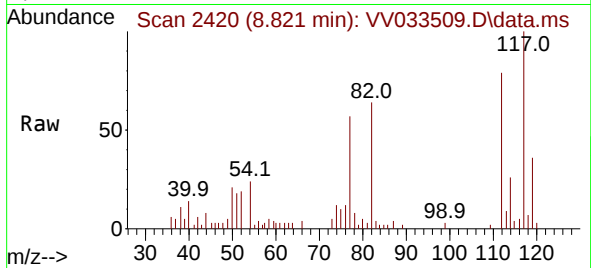




#51
Chlorobenzene
Concen: 1.600 ug/L
RT: 8.821 min Scan# 2417
Delta R.T. 0.010 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

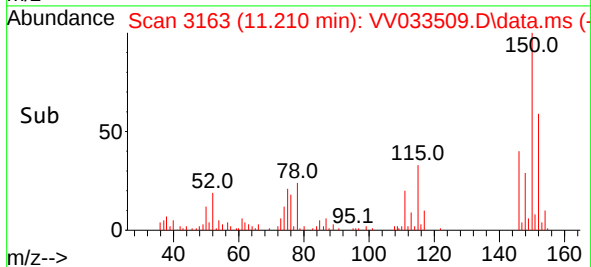
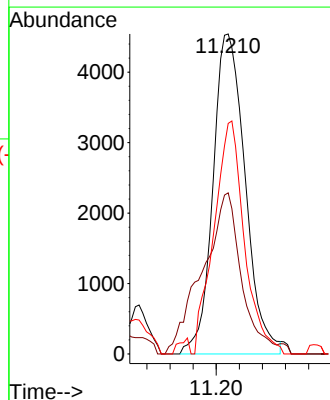
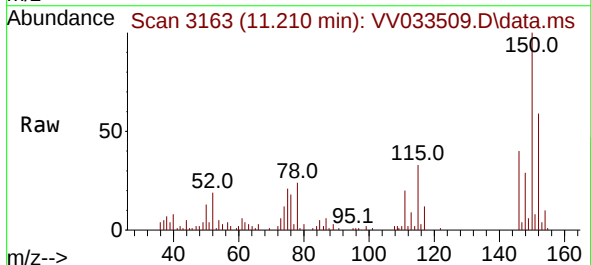
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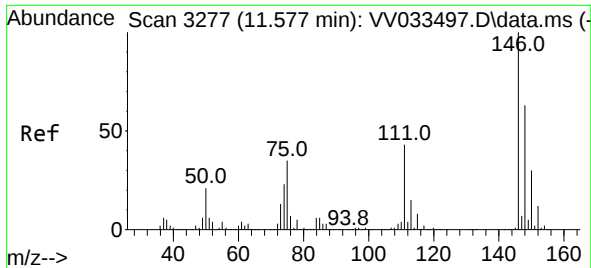
Tgt Ion:112 Resp: 8761
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.7
77 72.2 45.2 67.8#



#65
1,4-Dichlorobenzene
Concen: 2.413 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033509.D
Acq: 20 Dec 2023 14:10

Tgt Ion:146 Resp: 8799
Ion Ratio Lower Upper
146 100
111 50.4 27.9 51.7
148 72.0 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 3.367 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033509.D

Acq: 20 Dec 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

BGWA3

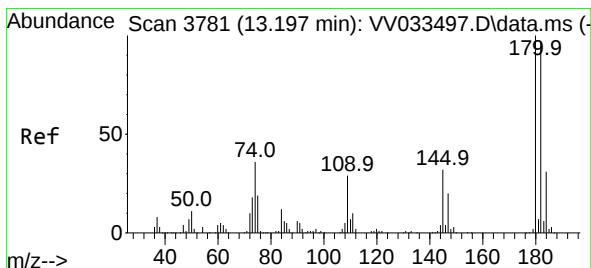
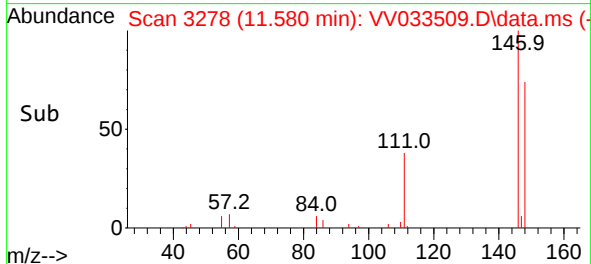
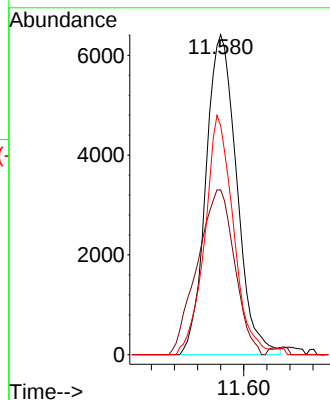
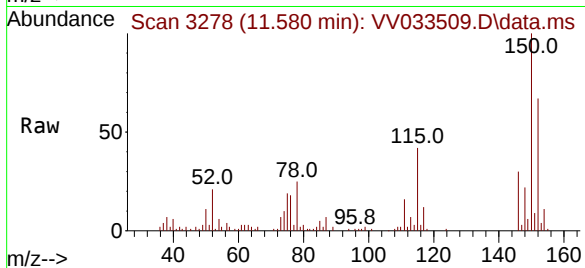
Tgt Ion:146 Resp: 11872

Ion Ratio Lower Upper

146 100

111 51.5 33.5 50.3#

148 71.5 51.1 76.7



#70

1,2,4-trichlorobenzene

Concen: 2.042 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV033509.D

Acq: 20 Dec 2023 14:10

Tgt Ion:180 Resp: 4181

Ion Ratio Lower Upper

180 100

182 102.6 76.1 114.1

145 32.0 25.6 38.4

