

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034851.D
 Acq On : 27 Mar 2024 00:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:42:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

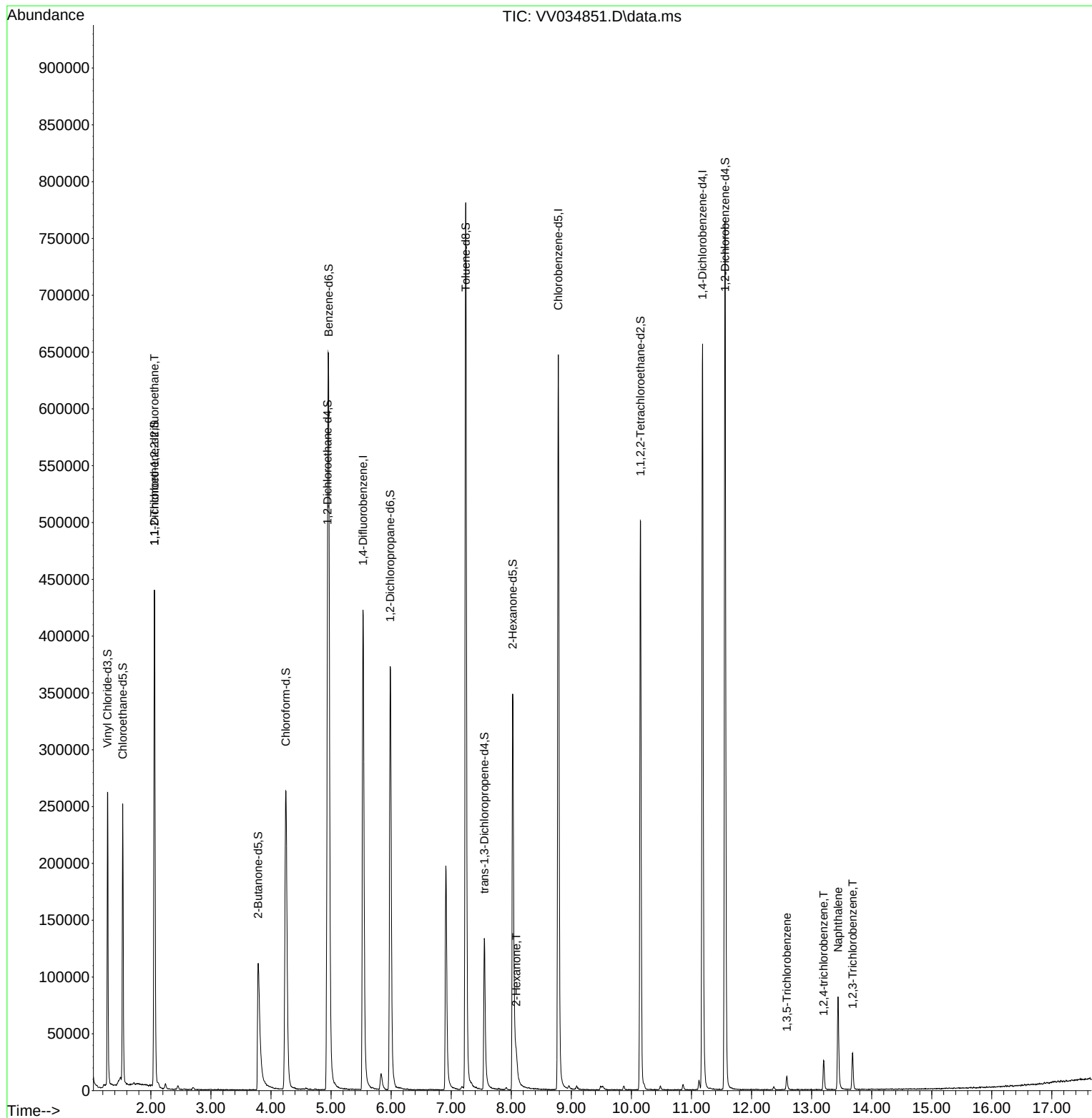
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	367259	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351346	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	164479	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	169354	47.748	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.500%		
7) Chloroethane-d5	1.532	69	149117	48.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.800%		
11) 1,1-Dichloroethene-d2	2.060	65	74398	47.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.700%		
21) 2-Butanone-d5	3.786	46	183957	87.451	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.450%		
24) Chloroform-d	4.246	84	284282	47.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.340%		
26) 1,2-Dichloroethane-d4	4.941	65	186496	49.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.520%		
32) Benzene-d6	4.960	84	593731	50.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.620%		
36) 1,2-Dichloropropane-d6	5.986	67	187161	49.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.880%		
41) Toluene-d8	7.243	98	520940	49.013	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.020%		
43) trans-1,3-Dichloroprop...	7.551	79	82621	45.348	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.700%		
47) 2-Hexanone-d5	8.024	63	124458	87.836	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.840%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	242957	47.077	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.160%		
66) 1,2-Dichlorobenzene-d4	11.561	152	188133	50.944	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2454	0.852	ug/L #	35
48) 2-Hexanone	8.085	43	17227	5.011	ug/L #	92
69) 1,3,5-Trichlorobenzene	12.587	180	4141	1.037	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	7396	2.016	ug/L	99
71) Naphthalene	13.442	128	66859	6.569	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	9303	2.573	ug/L	95

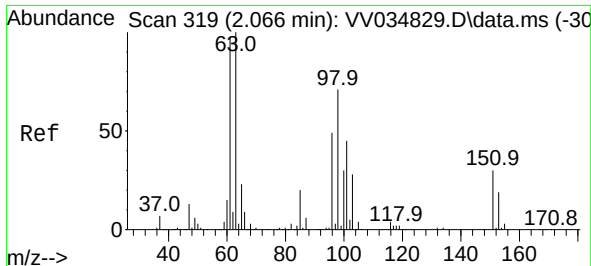
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:34:52 2024
Response via : Initial Calibration

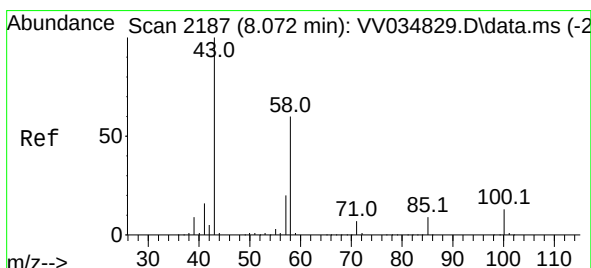
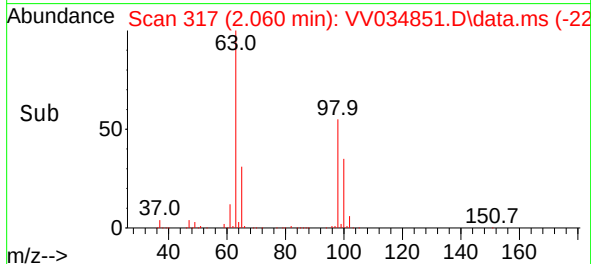
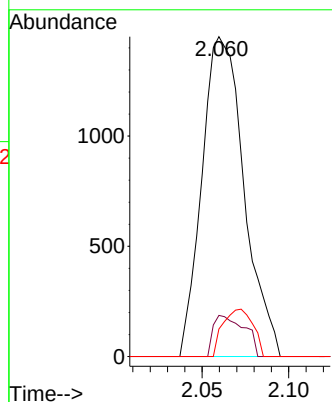
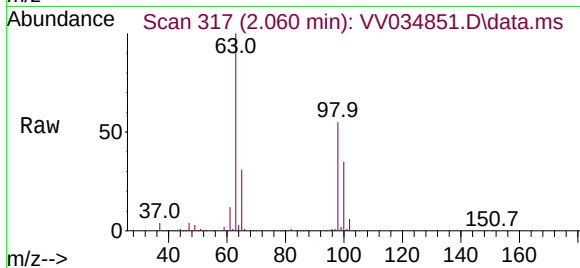




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.852 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV034851.D
Acq: 27 Mar 2024 00:39

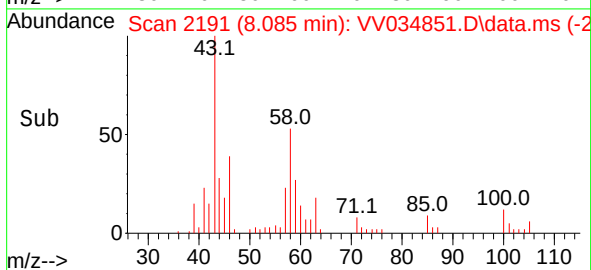
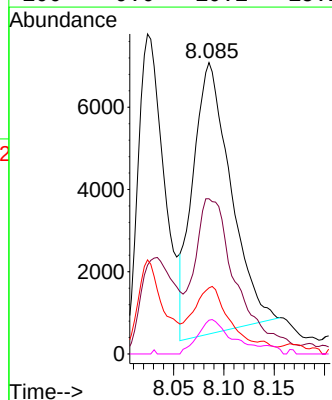
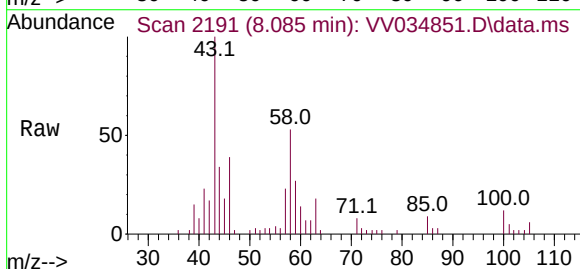
Instrument :
MSVOA_V
ClientSampleId :

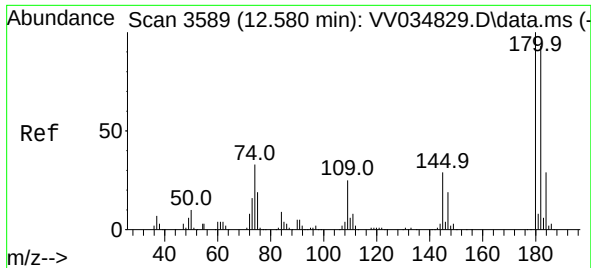
Tgt Ion:101 Resp: 2454
Ion Ratio Lower Upper
101 100
85 8.5 35.3 52.9#
151 10.6 55.0 82.4#



#48
2-Hexanone
Concen: 5.011 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV034851.D
Acq: 27 Mar 2024 00:39

Tgt Ion: 43 Resp: 17227
Ion Ratio Lower Upper
43 100
58 49.5 45.4 68.2
57 18.8 16.2 24.4
100 9.0 10.1 15.1#





#69

1,3,5-Trichlorobenzene

Concen: 1.037 ug/L

RT: 12.587 min Scan# 3589

Delta R.T. 0.006 min

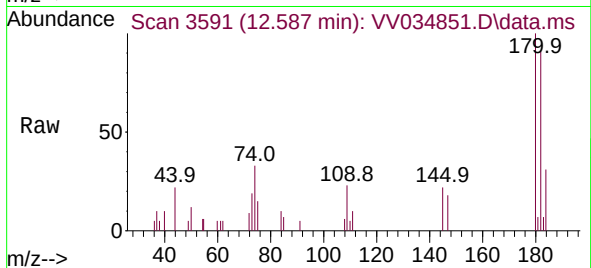
Lab File: VV034851.D

Acq: 27 Mar 2024 00:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4141

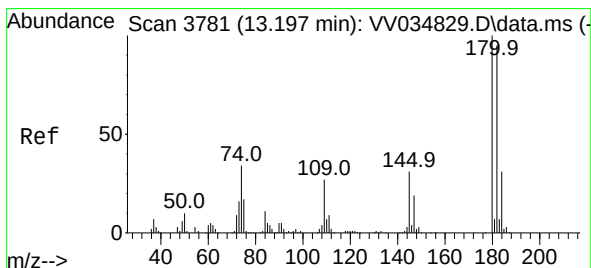
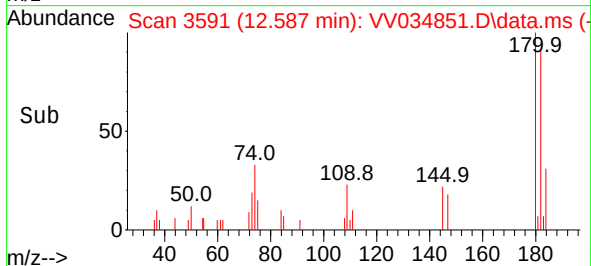
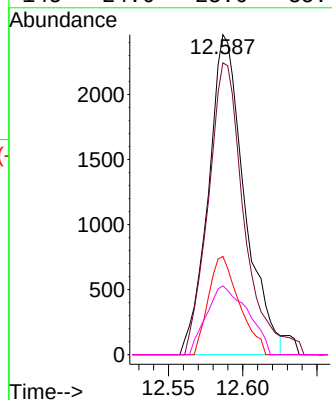
Ion Ratio Lower Upper

180 100

182 90.9 74.7 112.1

184 26.3 24.0 36.0

145 24.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.016 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034851.D

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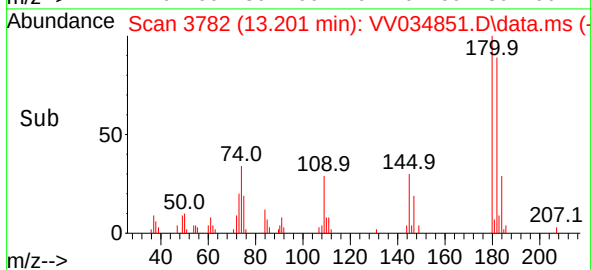
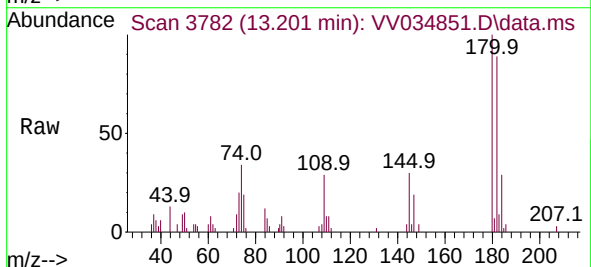
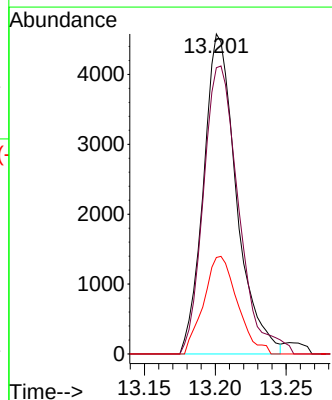
Tgt Ion:180 Resp: 7396

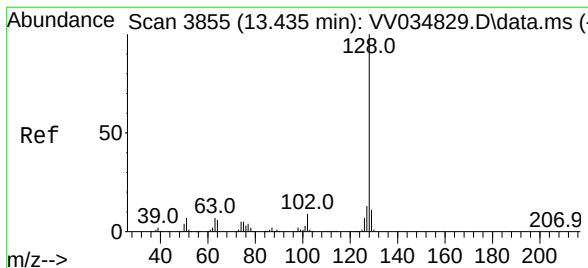
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 30.6 24.1 36.1





#71

Naphthalene

Concen: 6.569 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV034851.D

Acq: 27 Mar 2024 00:39

Instrument :

MSVOA_V

ClientSampleId :

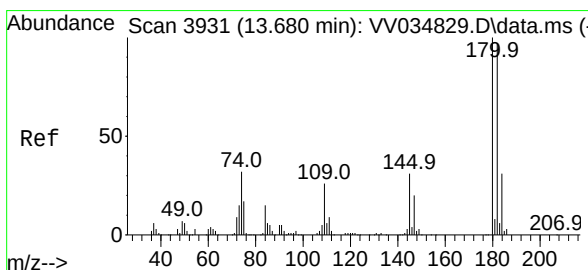
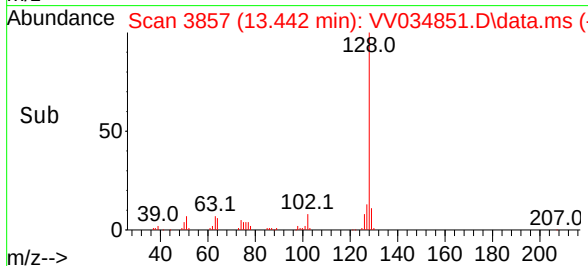
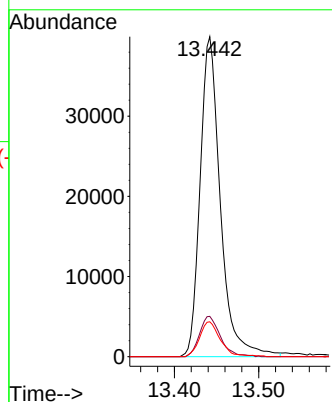
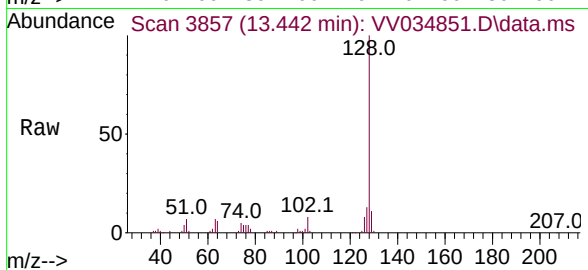
Tgt Ion:128 Resp: 66859

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.573 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034851.D

Acq: 27 Mar 2024 00:39

Tgt Ion:180 Resp: 9303

Ion Ratio Lower Upper

180 100

182 99.4 76.2 114.2

145 37.1 25.8 38.6

