

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021568.D
 Acq On : 22 Dec 2021 17:17
 Operator : SY/VA
 Sample : M5154-15
 Misc : 7.22g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL95

Quant Time: Dec 23 00:37:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

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

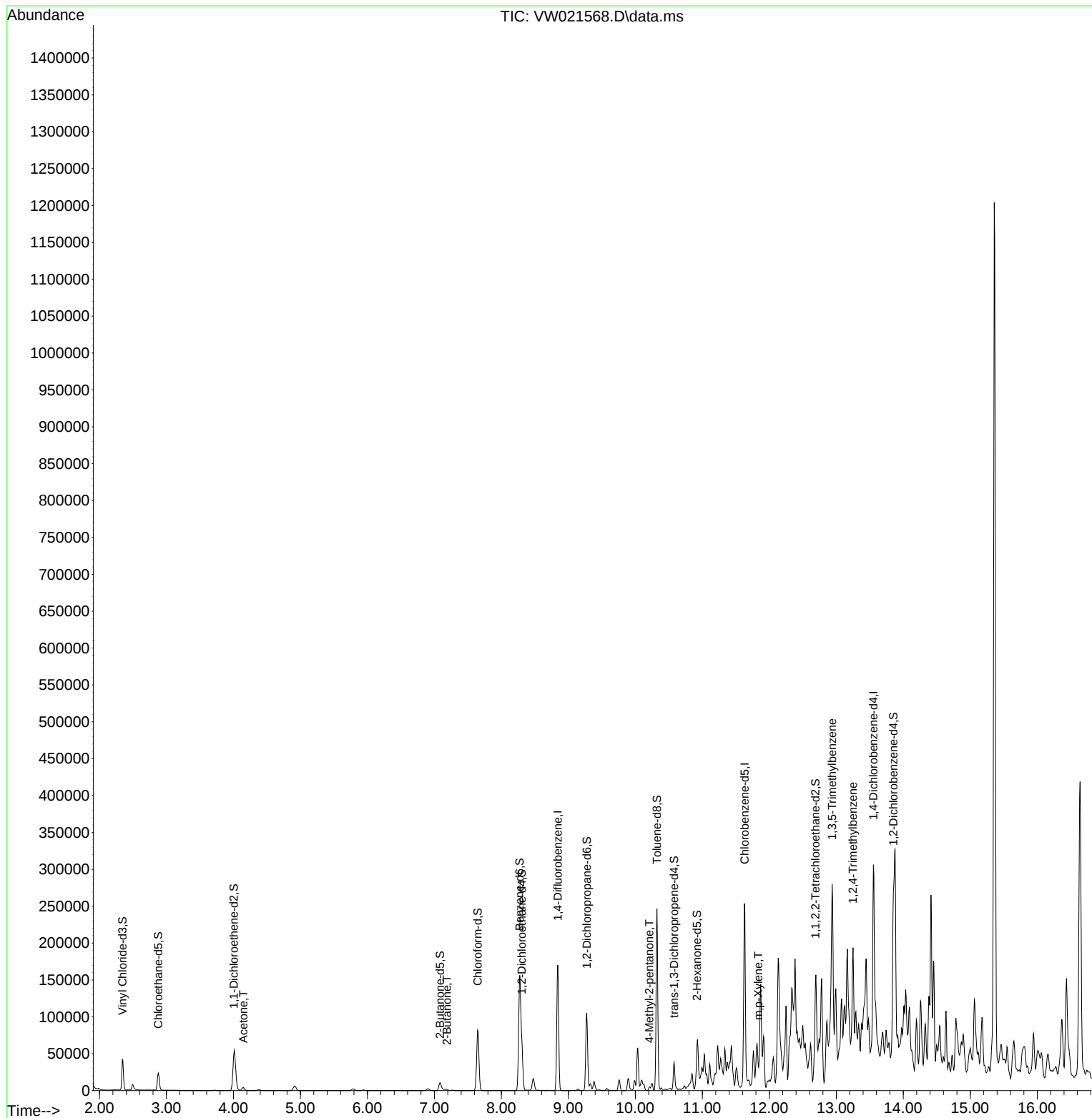
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	148040	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	137581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74400	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	42271	15.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.720%
7) Chloroethane-d5	2.879	69	27780	15.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.360%
11) 1,1-Dichloroethene-d2	4.007	63	51308	14.274	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.080%
21) 2-Butanone-d5	7.086	46	19109	50.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.560%
24) Chloroform-d	7.646	84	81888	19.849	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	8.305	65	45549	20.756	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.040%
32) Benzene-d6	8.274	84	159504	21.151	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	9.274	67	44363	21.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.720%
41) Toluene-d8	10.323	98	157320	20.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.680%
43) trans-1,3-Dichloroprop...	10.579	79	18768	20.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.600%
47) 2-Hexanone-d5	10.920	63	16010	53.533	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37142	21.363	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	54484	18.896	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.600%
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	8033	23.577	ug/L	94
22) 2-Butanone	7.189	43	2518	5.659	ug/L	89
40) 4-Methyl-2-pentanone	10.207	43	2713	2.978	ug/L	# 83
53) m,p-Xylene	11.835	106	4365	1.080	ug/L	84
62) 1,3,5-Trimethylbenzene	12.938	105	37046	4.306	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	79283	9.343	ug/L	97

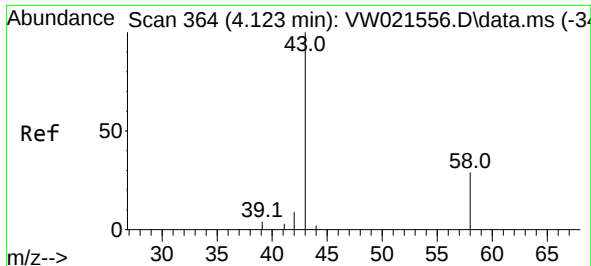
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 23 00:34:33 2021
Response via : Initial Calibration

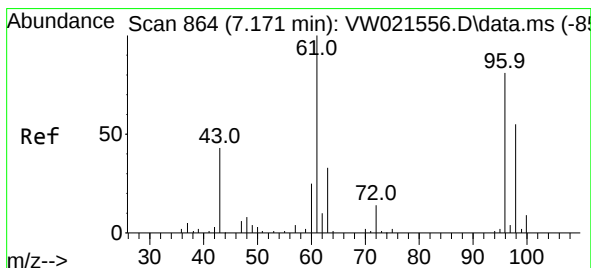
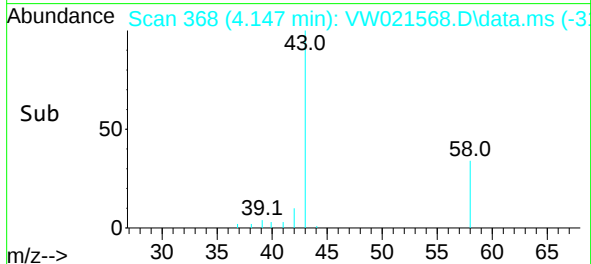
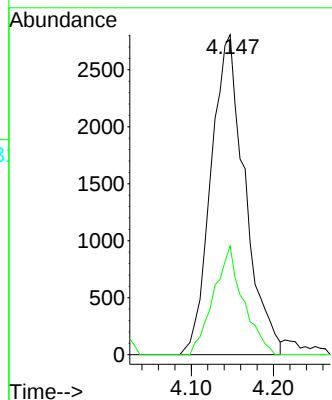
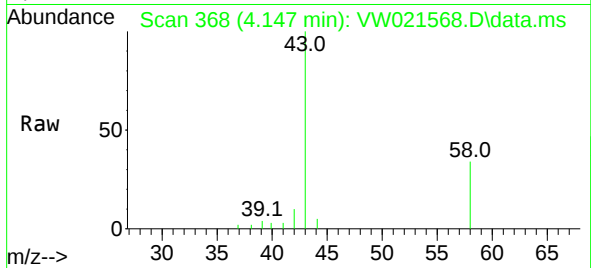




#13
Acetone
Concen: 23.577 ug/L
RT: 4.147 min Scan# 30
Delta R.T. 0.024 min
Lab File: VW021568.D
Acq: 22 Dec 2021 17:17

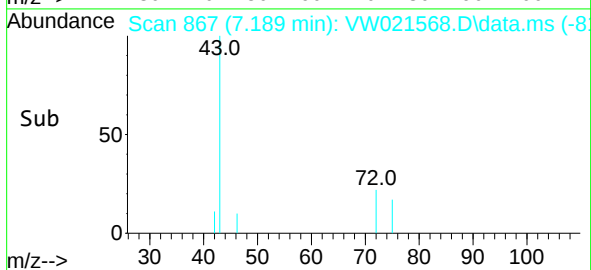
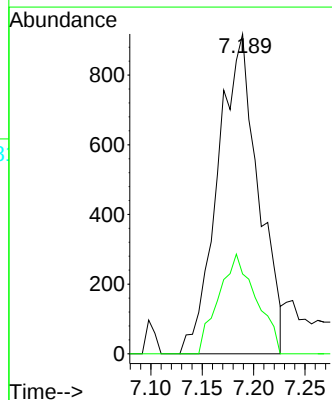
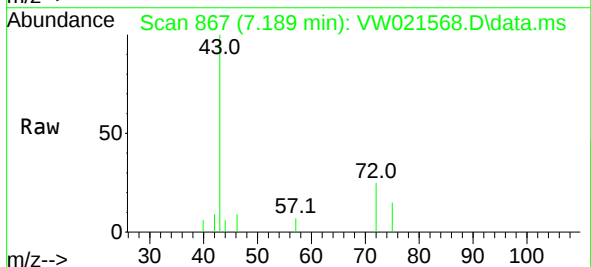
Instrument :
MSVOA_W
ClientSampleId :
BGL95

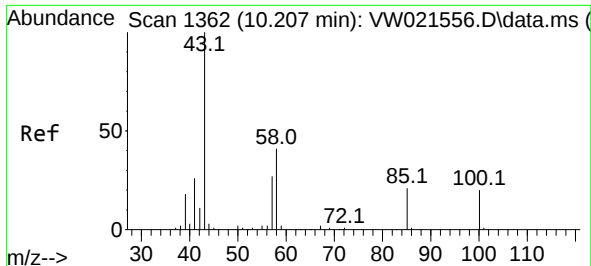
Tgt Ion: 43 Resp: 8033
Ion Ratio Lower Upper
43 100
58 29.7 0.0 52.8



#22
2-Butanone
Concen: 5.659 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.018 min
Lab File: VW021568.D
Acq: 22 Dec 2021 17:17

Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
72 28.9 11.8 35.4





#40

4-Methyl-2-pentanone

Concen: 2.978 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021568.D

Acq: 22 Dec 2021 17:17

Instrument :

MSVOA_W

ClientSampleId :

BGL95

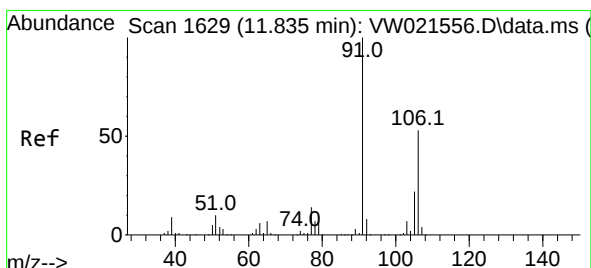
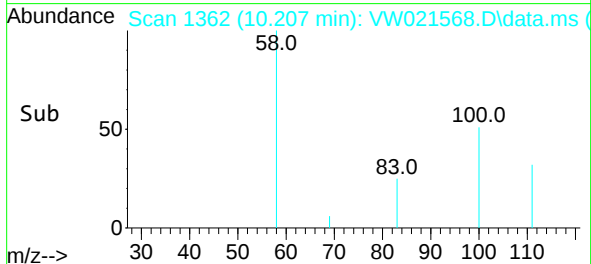
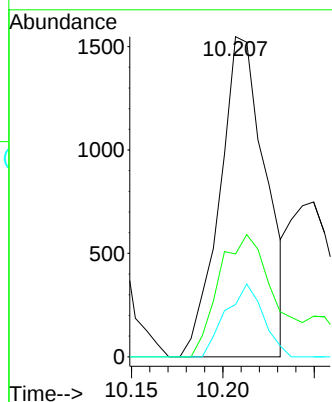
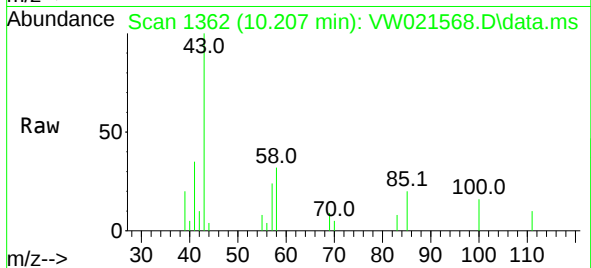
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

58 46.0 28.8 43.2#

100 18.5 10.0 15.0#



#53

m,p-Xylene

Concen: 1.080 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW021568.D

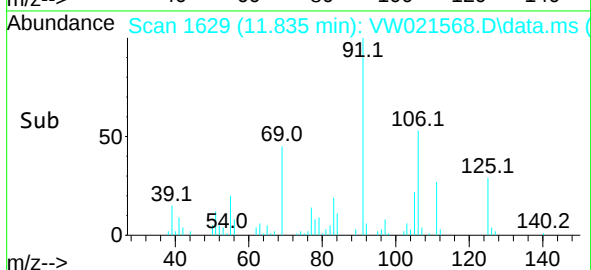
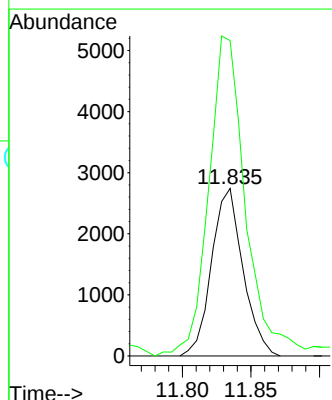
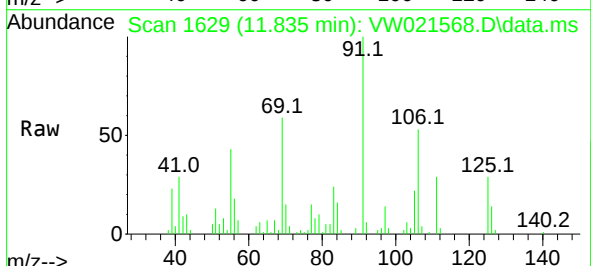
Acq: 22 Dec 2021 17:17

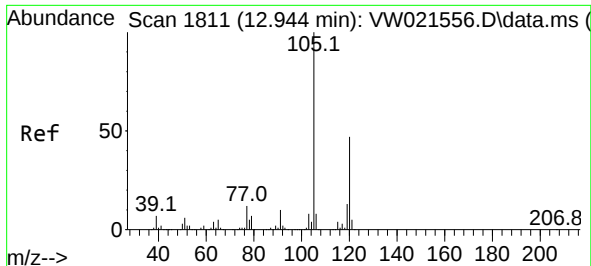
Tgt Ion: 106 Resp: 4365

Ion Ratio Lower Upper

106 100

91 188.3 149.9 278.3





#62

1,3,5-Trimethylbenzene

Concen: 4.306 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021568.D

Acq: 22 Dec 2021 17:17

Instrument :

MSVOA_W

ClientSampleId :

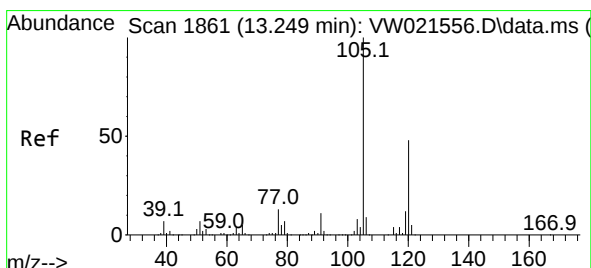
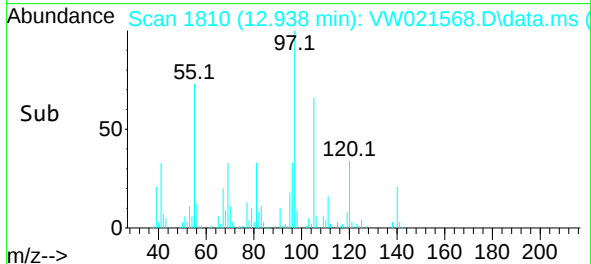
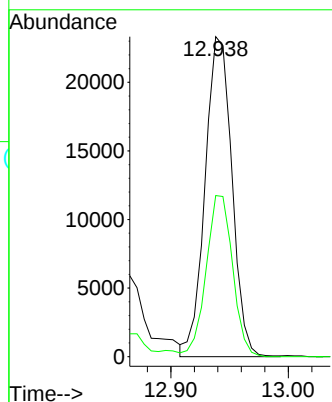
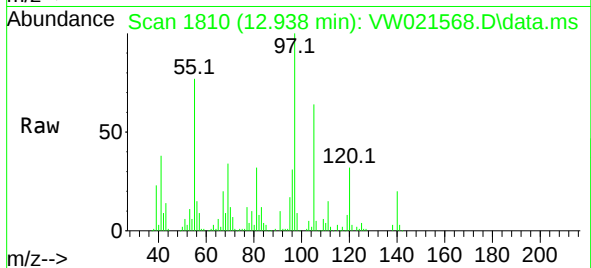
BGL95

Tgt Ion:105 Resp: 37046

Ion Ratio Lower Upper

105 100

120 49.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 9.343 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021568.D

Acq: 22 Dec 2021 17:17

Tgt Ion:105 Resp: 79283

Ion Ratio Lower Upper

105 100

120 45.7 35.0 52.6

