

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
 Data File : VU036498.D
 Acq On : 16 Jan 2020 12:53
 Operator : JC/MD
 Sample : L1118-11DL 20X
 Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASK2DL

Quant Time: Jan 17 10:29:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 14:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	622830	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	588483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	291262	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	190698	47.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.44%
7) Chloroethane-d5	1.92	69	179585	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.76%
11) 1,1-Dichloroethene-d2	2.59	63	306997	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
21) 2-Butanone-d5	4.67	46	388838	112.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.00%
24) Chloroform-d	5.11	84	439743	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.74	65	305699	57.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.40%
32) Benzene-d6	5.77	84	881194	57.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.52%
36) 1,2-Dichloropropane-d6	6.73	67	286367	57.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.42%
41) Toluene-d8	7.93	98	845509	58.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.16%
43) trans-1,3-Dichloropropene-	8.21	79	153759	57.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.04%
47) 2-Hexanone-d5	8.66	63	305580	119.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.13%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	450365	59.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.64%
64) 1,2-Dichlorobenzene-d4	12.21	152	339155	59.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.24%

Target Compounds

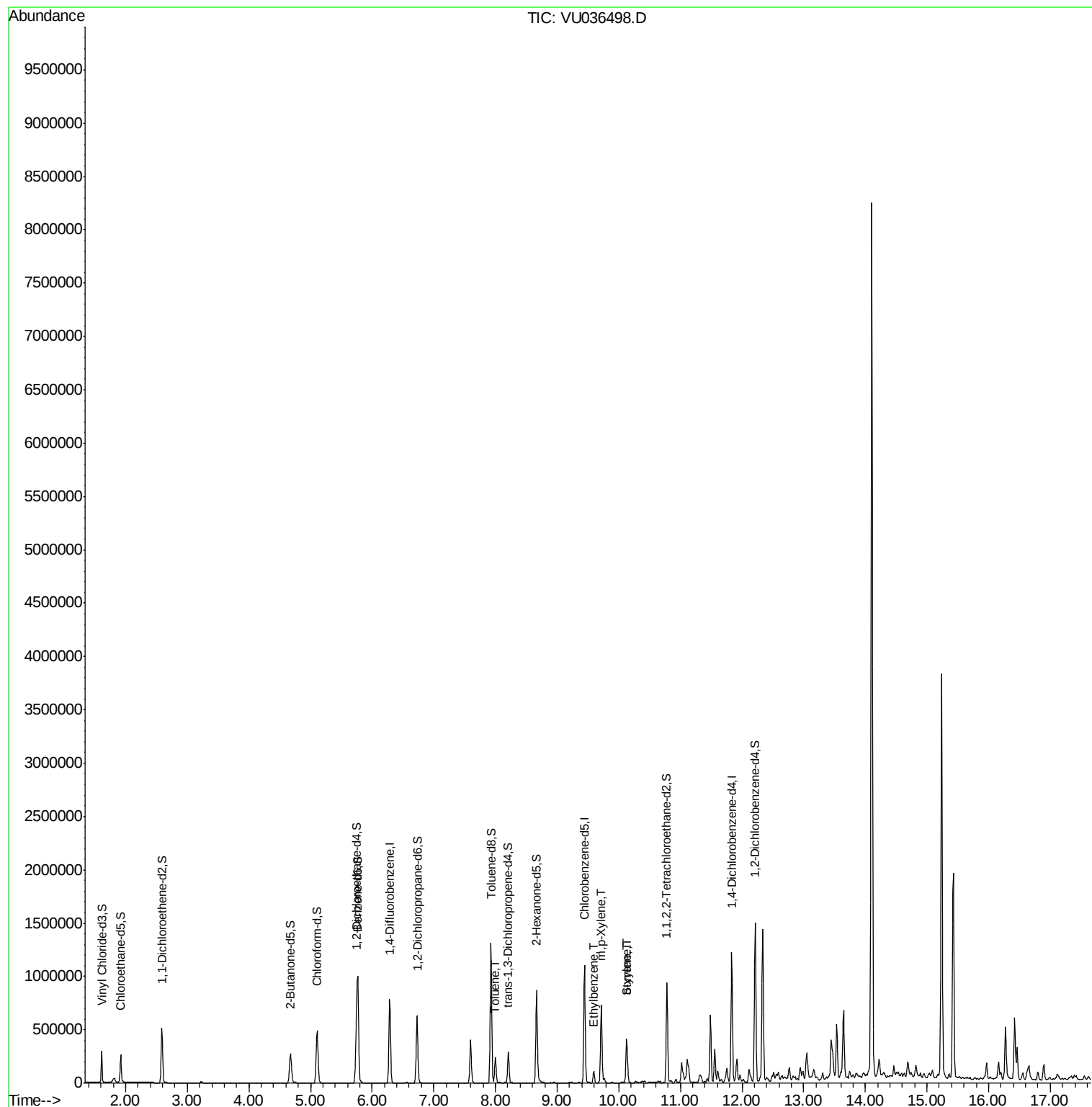
					Ovalue
42) Toluene	8.00	91	169923	9.252 ug/L	99
52) Ethylbenzene	9.59	91	76029	3.706 ug/L	94
53) m,p-Xylene	9.72	106	196972	25.677 ug/L	100
54) o-xylene	10.12	106	87199	11.386 ug/L	91
55) Styrene	10.14	104	84592	6.811 ug/L	95

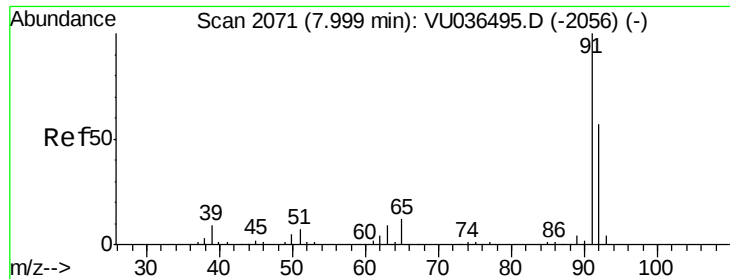
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011620\
Data File : VU036498.D
Acq On : 16 Jan 2020 12:53
Operator : JC/MD
Sample : L1118-11DL 20X
Misc : 5.01G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASK2DL

Quant Time: Jan 17 10:29:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:14:58 2020
Response via : Initial Calibration





#42

Toluene

Concen: 9.252 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036498.D

Acq: 16 Jan 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

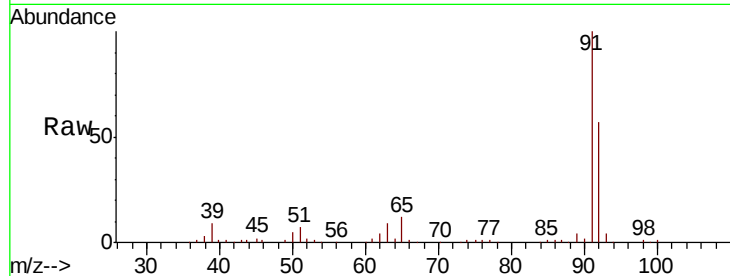
GASK2DL

Tot Ion: 91 Resp: 169923

Ion Ratio Lower Upper

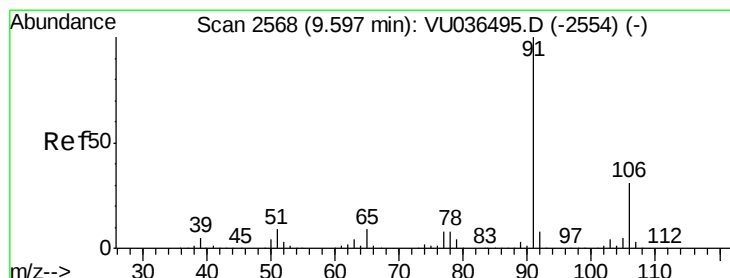
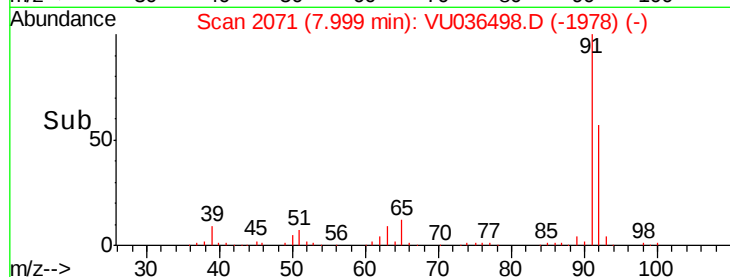
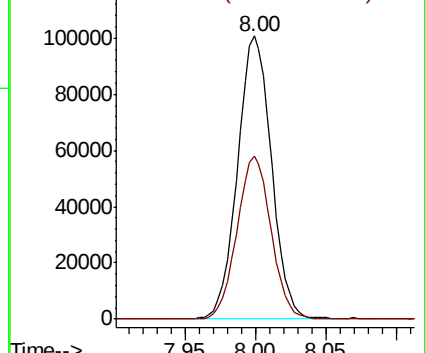
91 100

92 57.5 39.5 73.3



Abundance Ion 91.00 (90.70 to 91.70): VU036495.D (-2056) (-)

Ion 92.00 (91.70 to 92.70): VU036495.D (-2056) (-)



#52

Ethylbenzene

Concen: 3.706 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. -0.00 min

Lab File: VU036498.D

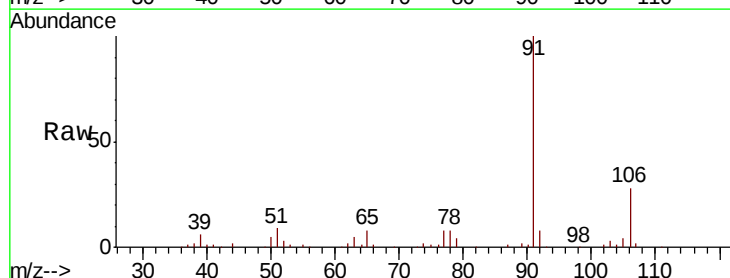
Acq: 16 Jan 2020 12:53

Tgt Ion: 91 Resp: 76029

Ion Ratio Lower Upper

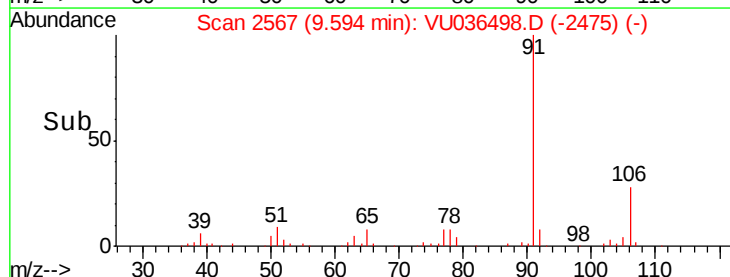
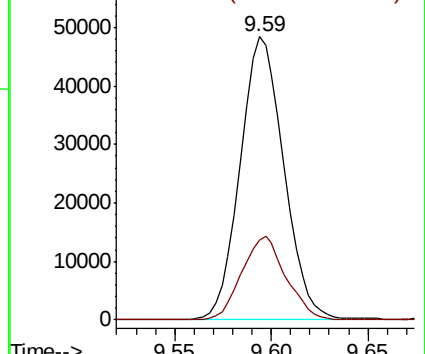
91 100

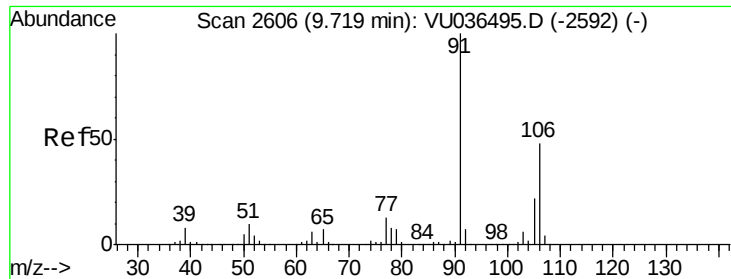
106 28.2 22.3 41.3



Abundance Ion 91.00 (90.70 to 91.70): VU036495.D (-2554) (-)

Ion 106.00 (105.70 to 106.70): VU036495.D (-2554) (-)





#53

m,p-Xylene

Concen: 25.677 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VU036498.D

Acq: 16 Jan 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

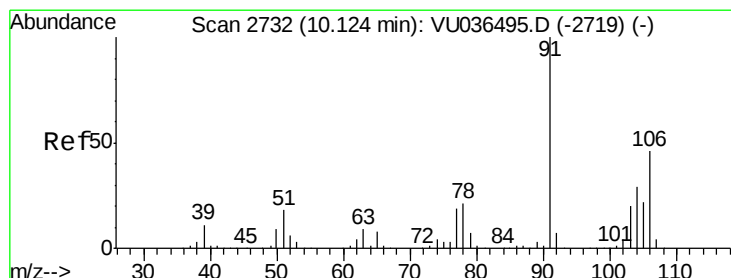
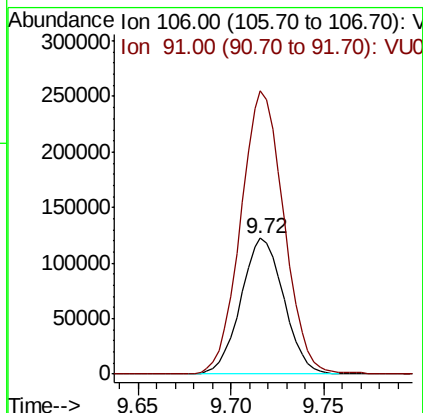
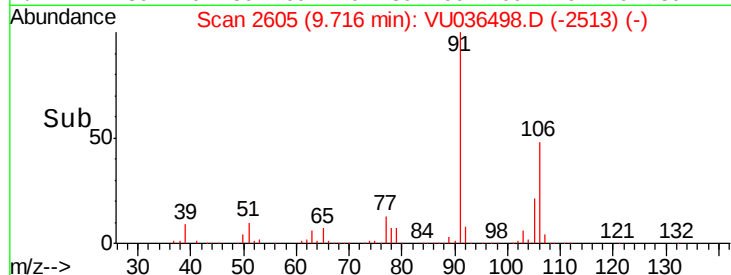
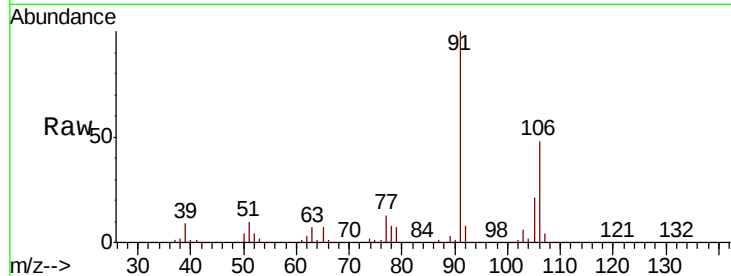
GASK2DL

Tot Ion:106 Resp: 196972

Ion Ratio Lower Upper

106 100

91 208.2 145.9 270.9



#54

o-xylene

Concen: 11.386 ug/L

RT: 10.12 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU036498.D

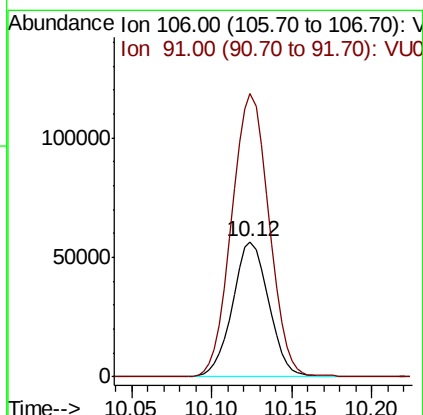
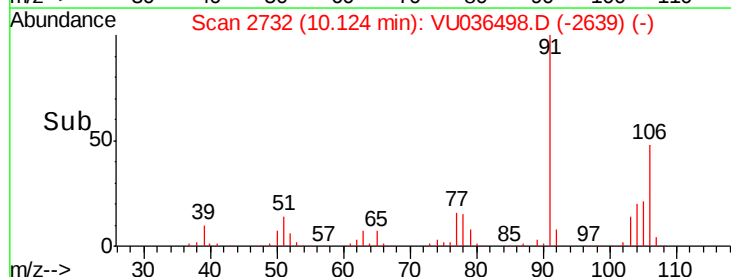
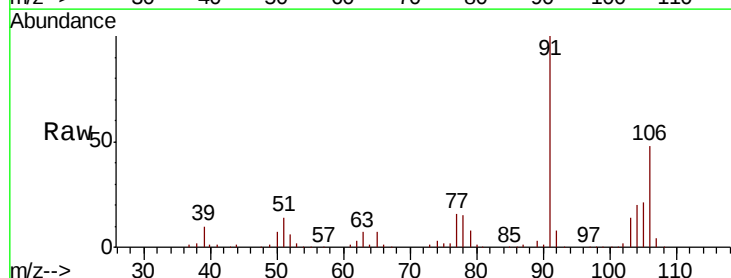
Acq: 16 Jan 2020 12:53

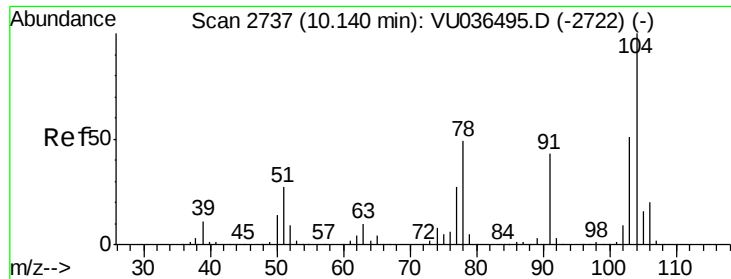
Tgt Ion:106 Resp: 87199

Ion Ratio Lower Upper

106 100

91 208.9 156.4 290.4





#55

Stvrene

Concen: 6.811 ug/L

RT: 10.14 min Scan# 2737

Delta R.T. -0.00 min

Lab File: VU036498.D

Acq: 16 Jan 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

GASK2DL

Tot Ion:104 Resp: 84592

Ion Ratio Lower Upper

104 100

78 50.7 33.2 61.7

