

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049300.D
 Acq On : 20 Jun 2022 13:04
 Operator : SY/MD
 Sample : N3395-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0156

Quant Time: Jun 21 01:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 21 01:08:31 2022
 Response via : Initial Calibration

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

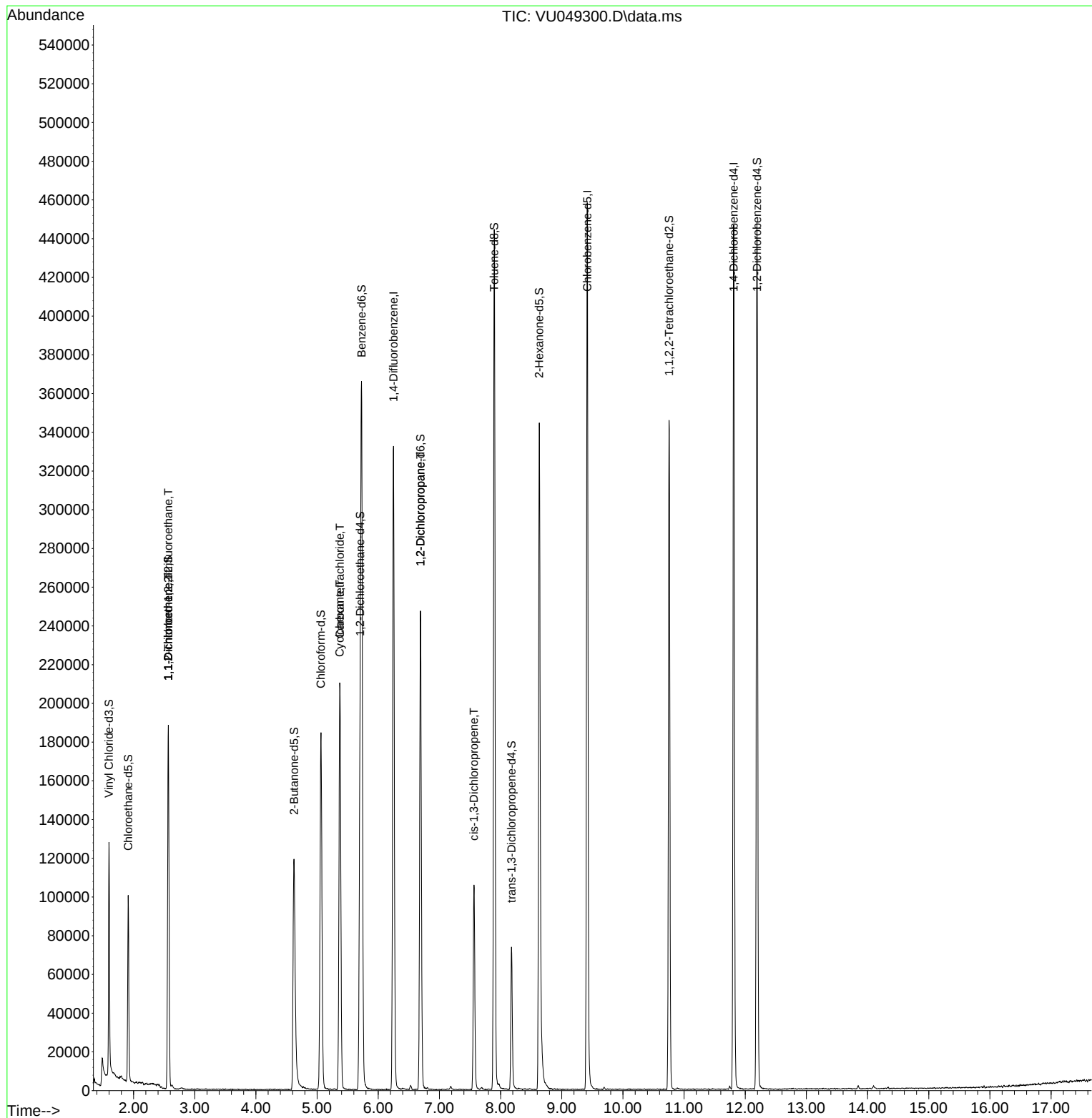
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	263760	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	246547	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84255	51.853	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 103.700%		
7) Chloroethane-d5	1.912	69	66409	55.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 111.320%		
11) 1,1-Dichloroethene-d2	2.568	63	114461	37.331	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 74.660%		
21) 2-Butanone-d5	4.623	46	187481	105.237	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 105.240%		
24) Chloroform-d	5.063	84	169065	48.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 97.540%		
26) 1,2-Dichloroethane-d4	5.703	65	109692	48.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 97.700%		
32) Benzene-d6	5.729	84	327701	53.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 107.200%		
36) 1,2-Dichloropropane-d6	6.690	67	117824	57.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 114.660%		
41) Toluene-d8	7.896	98	288645	53.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 107.080%		
43) trans-1,3-Dichloroprop...	8.179	79	40449	41.834	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 83.660%		
47) 2-Hexanone-d5	8.632	63	115649	107.516	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 107.520%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	174738	50.905	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 101.800%		
66) 1,2-Dichlorobenzene-d4	12.192	152	112407	57.000	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 114.000%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	930	0.500	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	875	0.538	ug/L #	1
29) Cyclohexane	5.369	56	3598	1.304	ug/L #	4
31) Carbon tetrachloride	5.372	117	14795	4.920	ug/L #	6
37) 1,2-Dichloropropane	6.690	63	12770	5.669	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2795	0.843	ug/L #	65

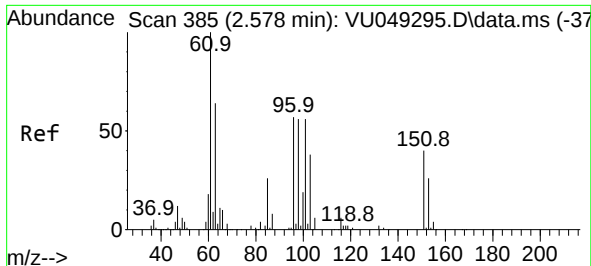
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 21 01:08:31 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.500 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU049300.D

Acq: 20 Jun 2022 13:04

Instrument :

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ClientSampleId :

C0156

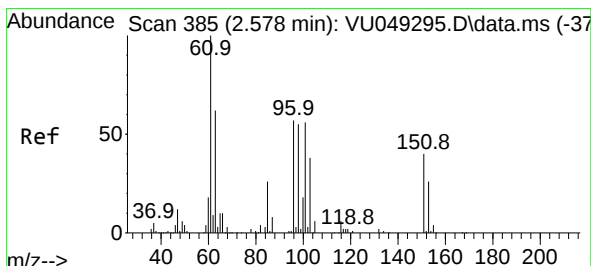
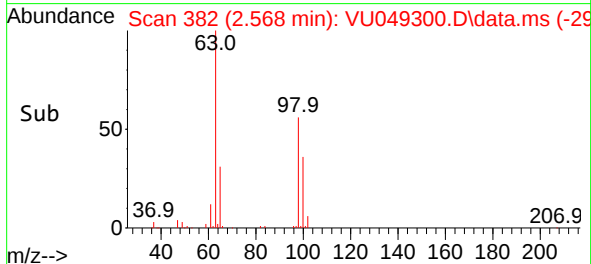
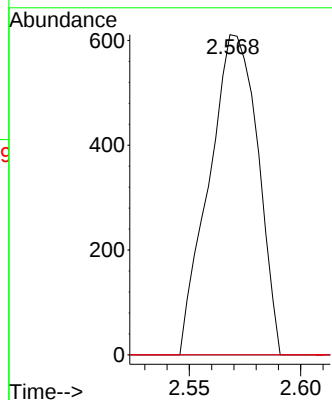
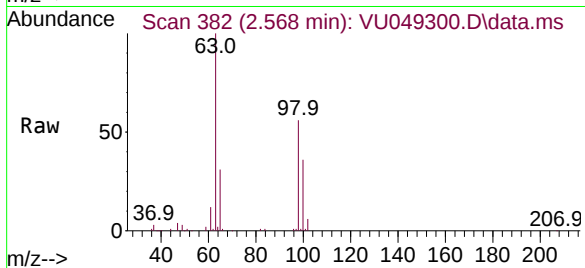
Tgt Ion:101 Resp: 930

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 0.538 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU049300.D

Acq: 20 Jun 2022 13:04

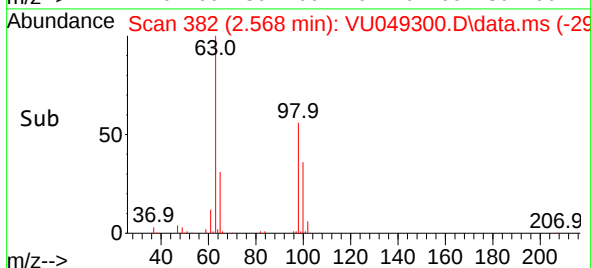
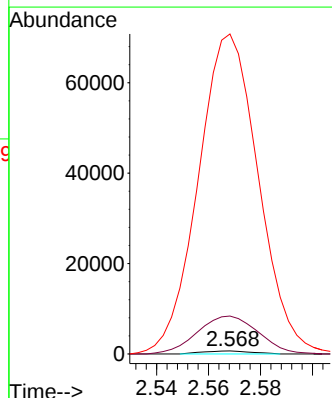
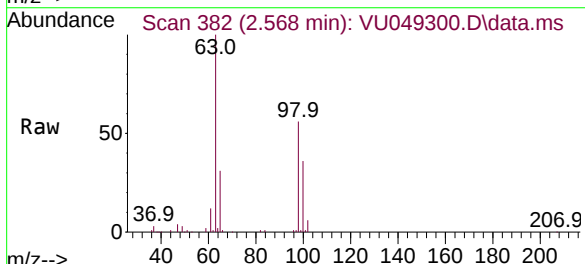
Tgt Ion: 96 Resp: 875

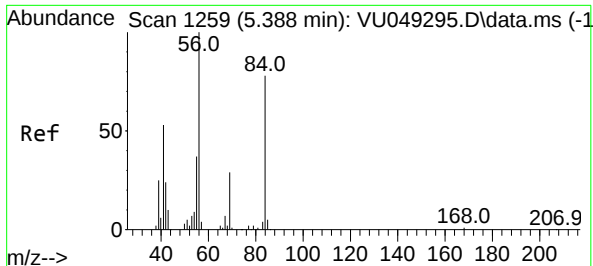
Ion Ratio Lower Upper

96 100

61 1267.4 123.5 229.3#

63 10678.7 86.0 159.8#





#29

Cyclohexane

Concen: 1.304 ug/L

RT: 5.369 min Scan# 11

Delta R.T. -0.020 min

Lab File: VU049300.D

Acq: 20 Jun 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

C0156

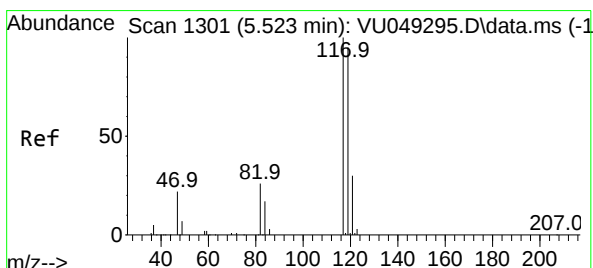
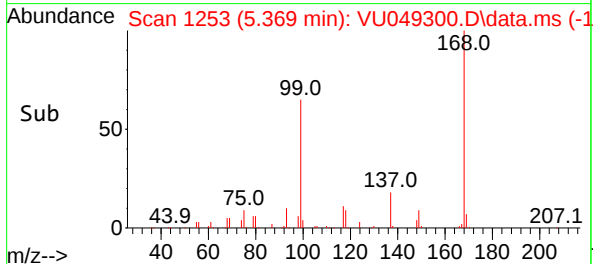
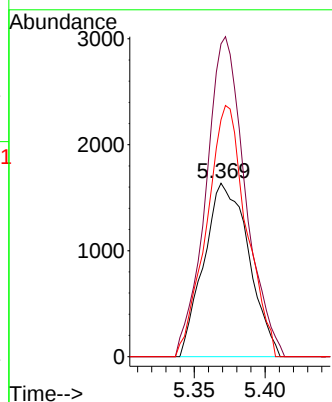
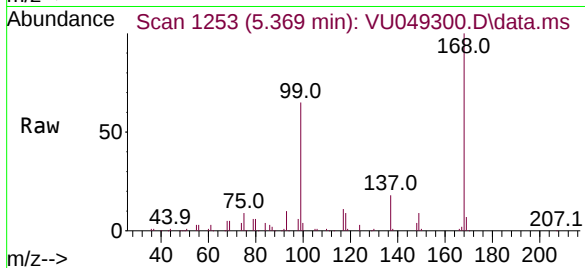
Tgt Ion: 56 Resp: 3598

Ion Ratio Lower Upper

56 100

69 162.1 24.6 36.8#

84 128.5 69.7 104.5#



#31

Carbon tetrachloride

Concen: 4.920 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.151 min

Lab File: VU049300.D

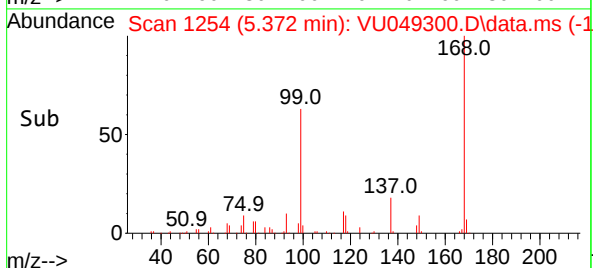
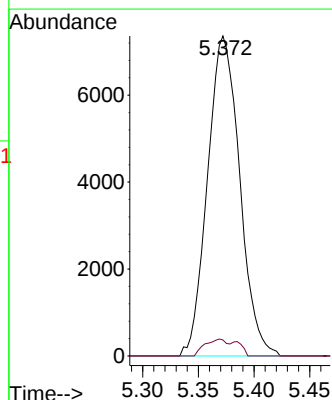
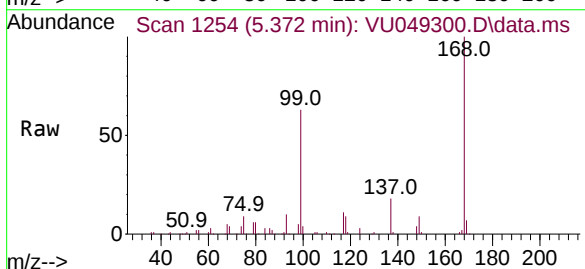
Acq: 20 Jun 2022 13:04

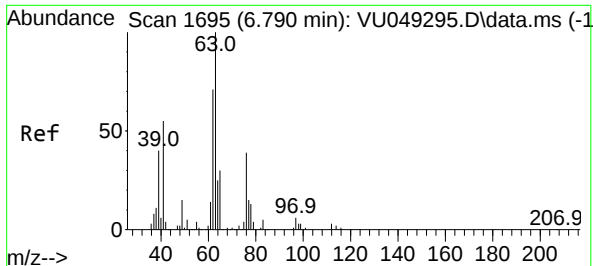
Tgt Ion: 117 Resp: 14795

Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#





#37

1,2-Dichloropropane

Concen: 5.669 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049300.D

Acq: 20 Jun 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

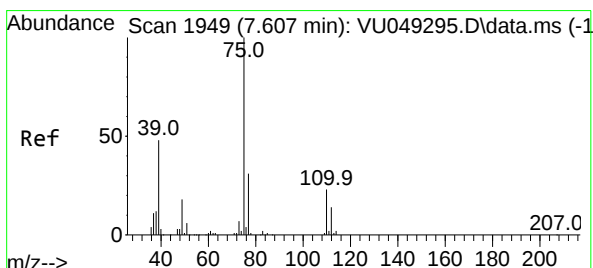
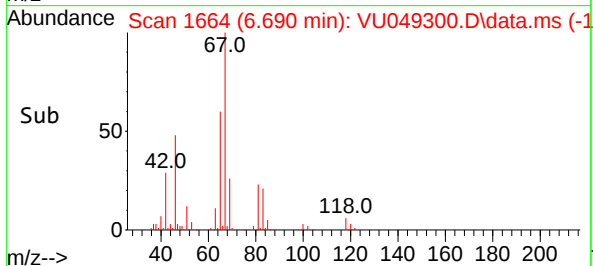
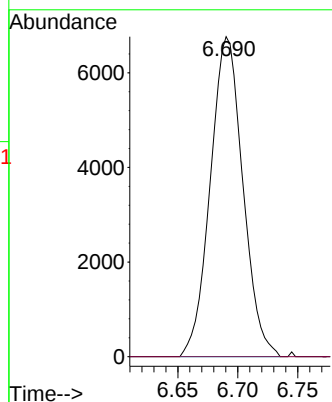
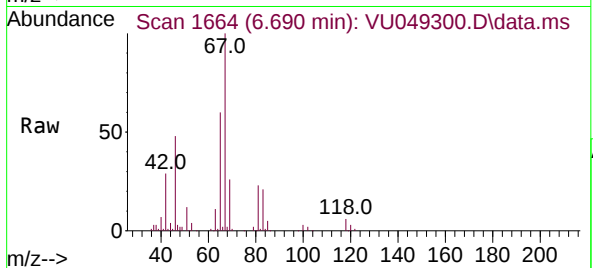
C0156

Tgt Ion: 63 Resp: 12770

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.843 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049300.D

Acq: 20 Jun 2022 13:04

Tgt Ion: 75 Resp: 2795

Ion Ratio Lower Upper

75 100

77 51.8 22.6 42.0#

