

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110722\
 Data File : VU051768.D
 Acq On : 07 Nov 2022 15:07
 Operator : JC/MD
 Sample : VU1107MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK007

Quant Time: Nov 08 00:38:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 08 00:38:03 2022
 Response via : Initial Calibration

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

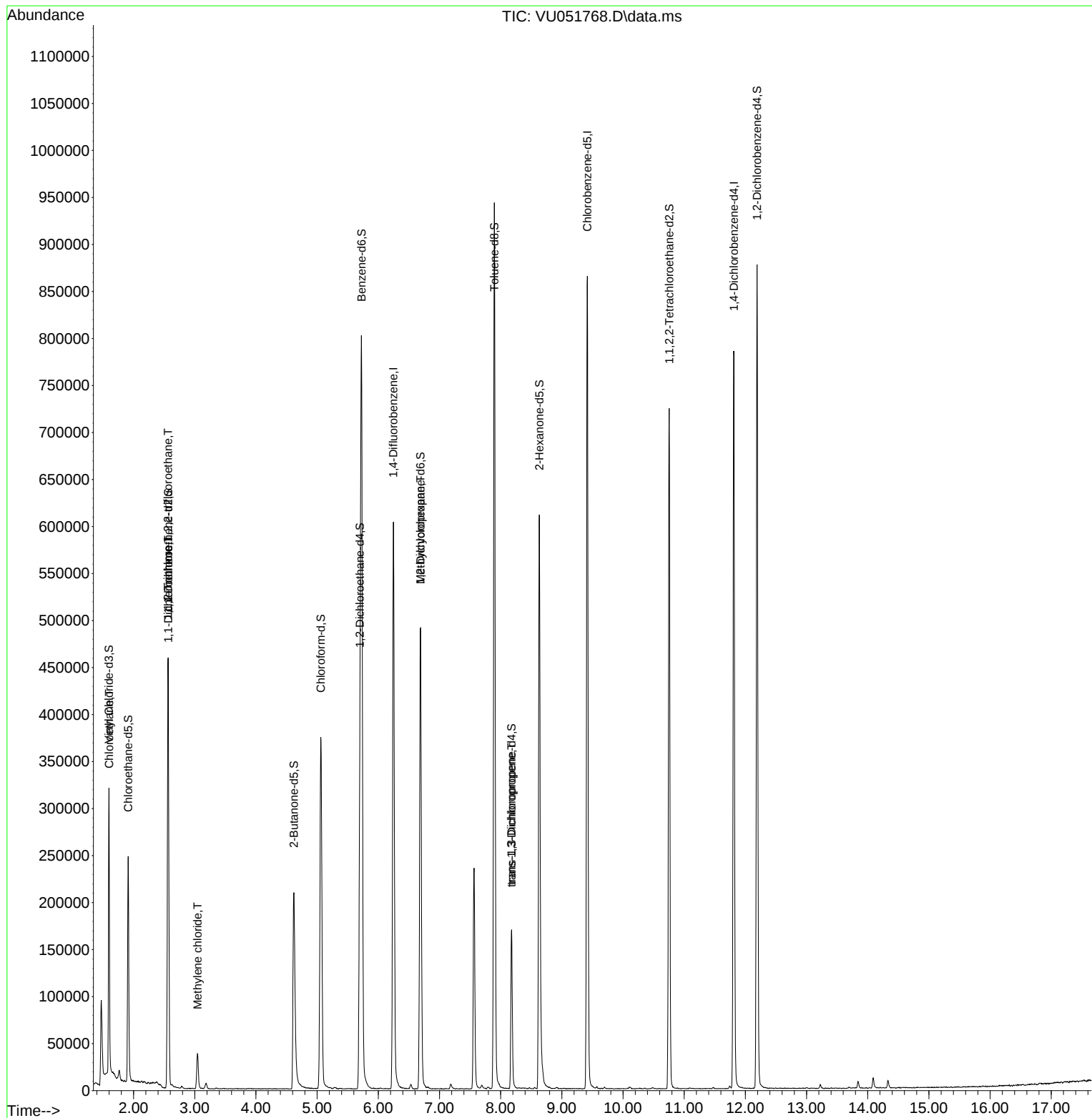
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	503695	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	499699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	214550	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	212601	53.194	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 106.380%		
7) Chloroethane-d5	1.912	69	185748	56.413	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 112.820%		
11) 1,1-Dichloroethene-d2	2.565	63	272439	40.044	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 80.080%		
21) 2-Butanone-d5	4.620	46	294112	104.393	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 104.390%		
24) Chloroform-d	5.060	84	363299	49.490	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 98.980%		
26) 1,2-Dichloroethane-d4	5.700	65	226986	49.736	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 99.480%		
32) Benzene-d6	5.726	84	780791	57.699	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 115.400%		
36) 1,2-Dichloropropane-d6	6.687	67	252280	56.771	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 113.540%		
41) Toluene-d8	7.896	98	661242	53.609	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 107.220%		
43) trans-1,3-Dichloroprop...	8.179	79	96558	51.030	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 102.060%		
47) 2-Hexanone-d5	8.632	63	210905	108.056	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 108.060%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	364614	47.231	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 94.460%		
66) 1,2-Dichlorobenzene-d4	12.192	152	240964	59.996	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 120.000%		
Target Compounds						Qvalue
8) Chloroethane	1.600	64	4958	1.490	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2607	0.662	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	2399	0.643	ug/L #	1
16) Methylene chloride	3.044	84	19515	3.983	ug/L	94
35) Methylcyclohexane	6.687	83	56147	9.957	ug/L #	19
44) trans-1,3-Dichloropropene	8.176	75	4194	0.730	ug/L #	78

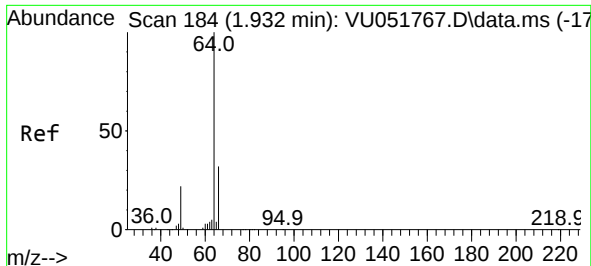
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 08 00:38:03 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.490 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.331 min

Lab File: VU051768.D

Acq: 07 Nov 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

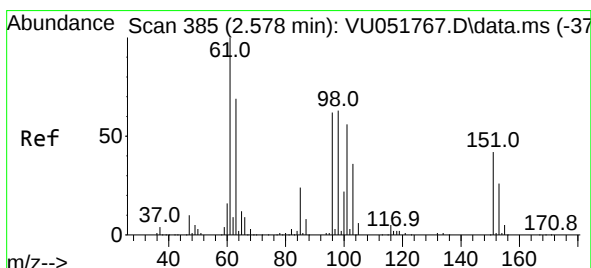
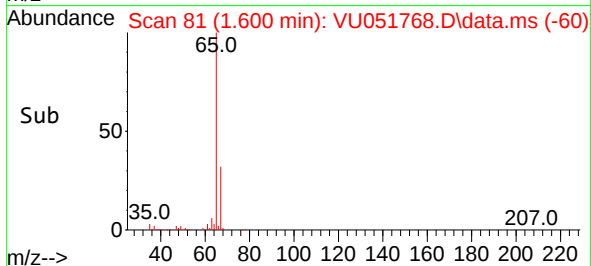
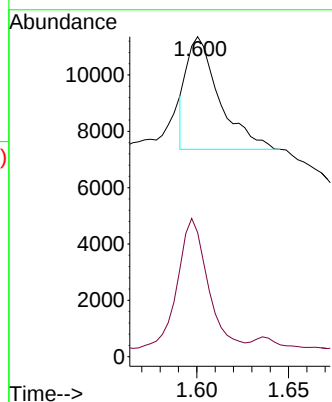
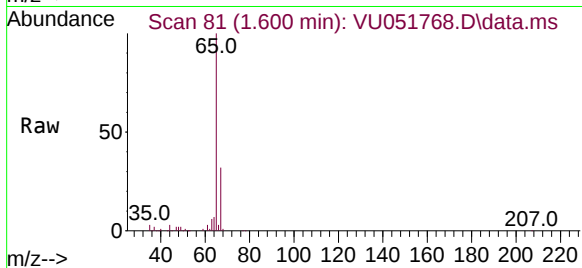
VBLK007

Tgt Ion: 64 Resp: 4958

Ion Ratio Lower Upper

64 100

66 38.8 21.9 40.7



#10

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

Concen: 0.662 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU051768.D

Acq: 07 Nov 2022 15:07

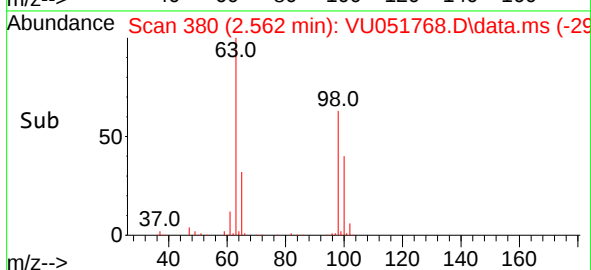
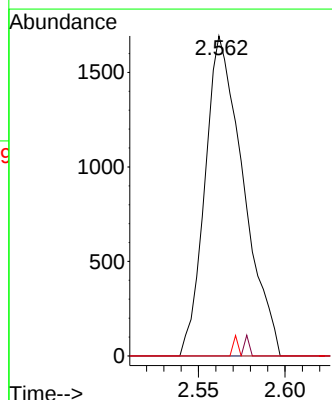
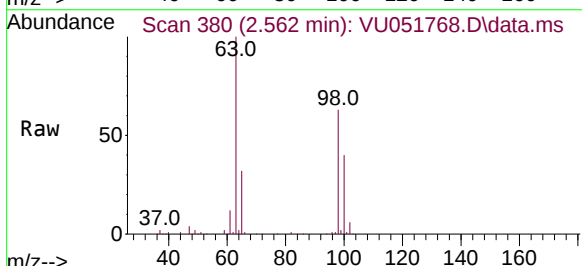
Tgt Ion:101 Resp: 2607

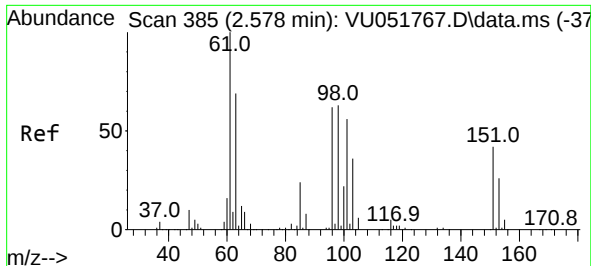
Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 57.8 86.8#





#12

1,1-Dichloroethene

Concen: 0.643 ug/L

RT: 2.568 min Scan# 3

Delta R.T. -0.010 min

Lab File: VU051768.D

Acq: 07 Nov 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VBLK007

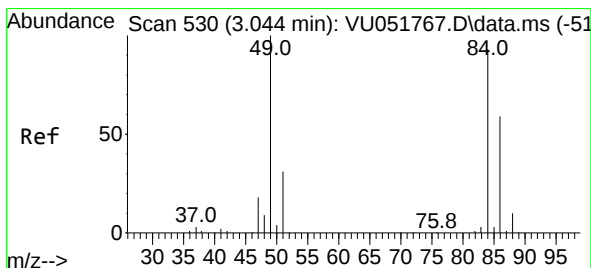
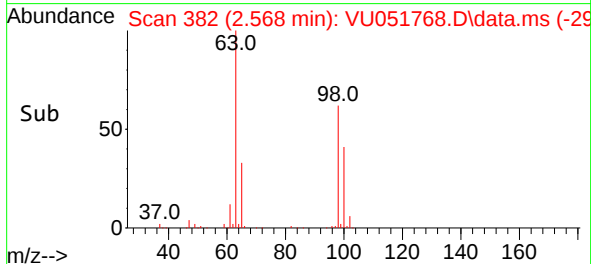
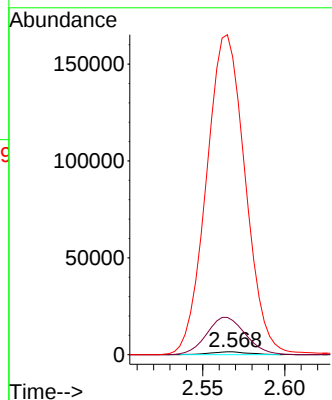
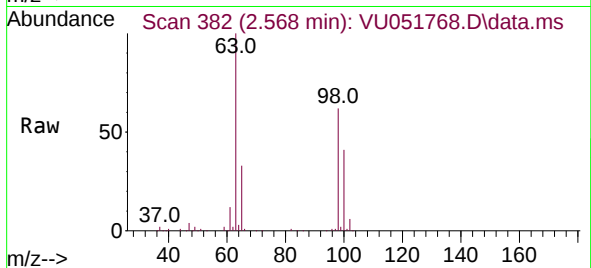
Tgt Ion: 96 Resp: 2399

Ion Ratio Lower Upper

96 100

61 1181.1 119.0 221.0#

63 10255.4 78.5 145.7#



#16

Methylene chloride

Concen: 3.983 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU051768.D

Acq: 07 Nov 2022 15:07

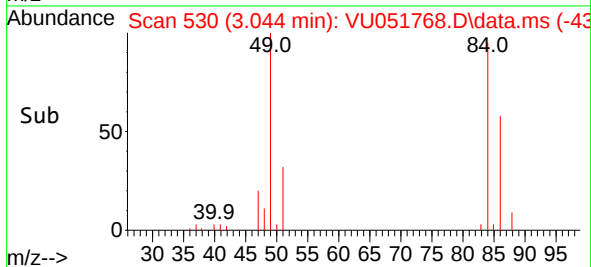
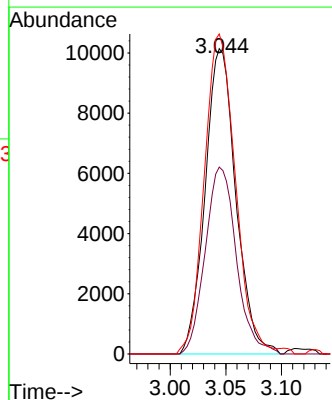
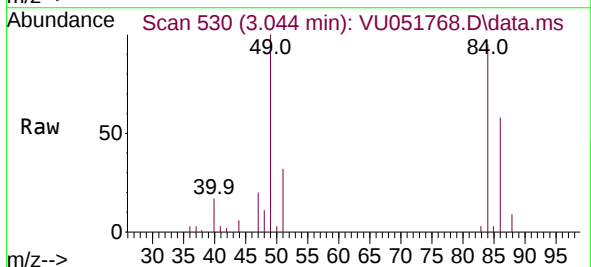
Tgt Ion: 84 Resp: 19515

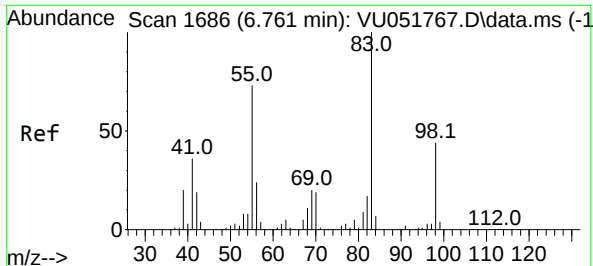
Ion Ratio Lower Upper

84 100

86 61.2 45.8 85.2

49 104.8 78.1 145.1





#35

Methylcyclohexane

Concen: 9.957 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051768.D

Acq: 07 Nov 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VBLK007

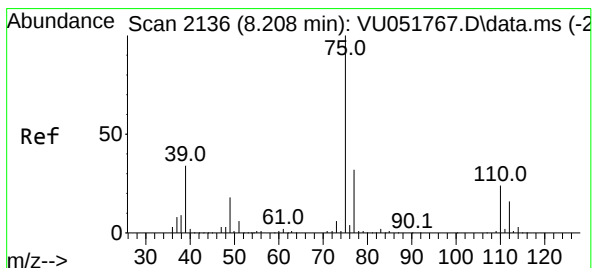
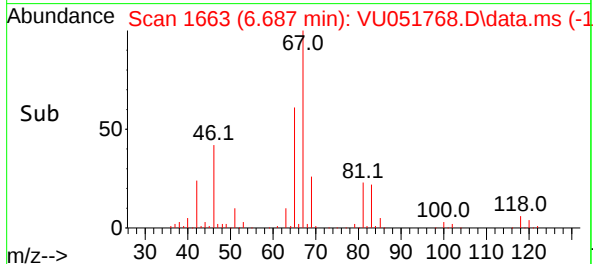
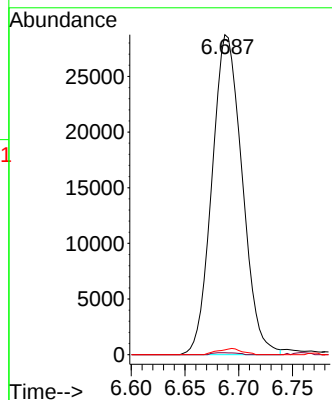
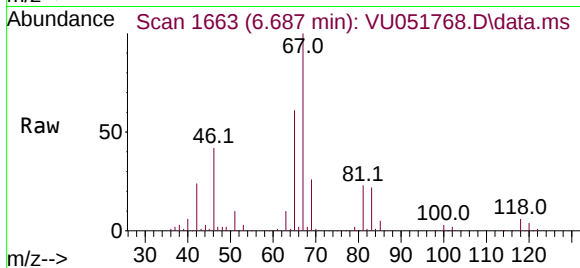
Tgt Ion: 83 Resp: 56147

Ion Ratio Lower Upper

83 100

55 0.5 62.6 93.8#

98 1.6 36.2 54.4#



#44

trans-1,3-Dichloropropene

Concen: 0.730 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051768.D

Acq: 07 Nov 2022 15:07

Tgt Ion: 75 Resp: 4194

Ion Ratio Lower Upper

75 100

77 42.3 21.3 39.5#

