

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059319.D
 Acq On : 18 Jun 2024 18:22
 Operator : MD/SY
 Sample : P2856-18
 Misc : 4.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:37:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

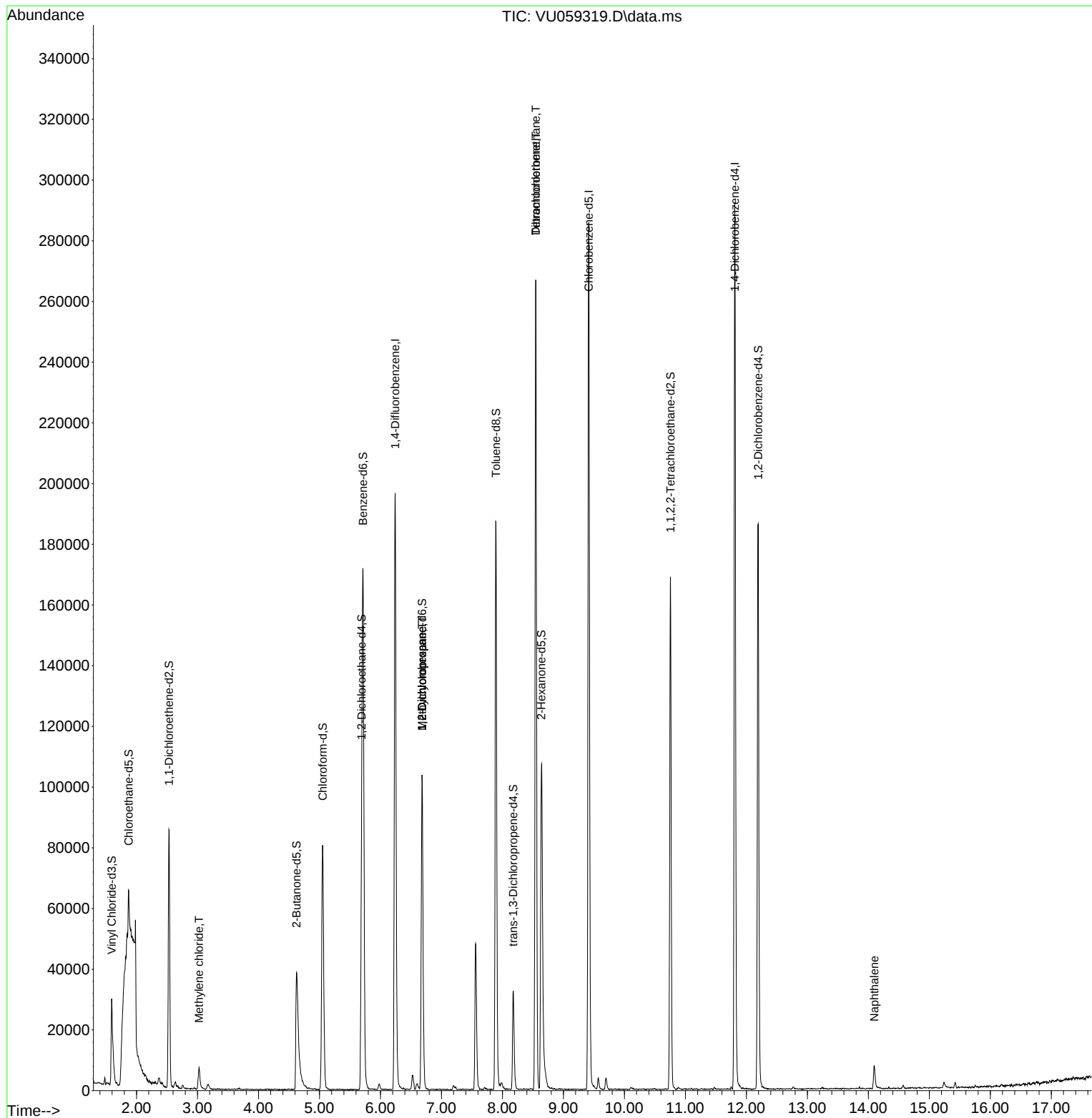
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167491	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	173506	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	82410	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36294	36.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.380%		
7) Chloroethane-d5	1.872	69	19798	23.046	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	46.100%#		
11) 1,1-Dichloroethene-d2	2.531	63	50020	25.269	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.540%#		
21) 2-Butanone-d5	4.624	46	70344	74.419	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.420%		
24) Chloroform-d	5.052	84	78636	39.389	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.780%		
26) 1,2-Dichloroethane-d4	5.692	65	51864	42.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.780%		
32) Benzene-d6	5.714	84	158003	39.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.360%		
36) 1,2-Dichloropropane-d6	6.682	67	52309	38.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.200%		
41) Toluene-d8	7.894	98	131566	38.918	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.840%#		
43) trans-1,3-Dichloroprop...	8.177	79	20625	37.161	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.320%		
47) 2-Hexanone-d5	8.640	63	45857	72.222	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.220%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	87361	37.594	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.180%		
66) 1,2-Dichlorobenzene-d4	12.193	152	53468	43.476	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.960%		
Target Compounds						Qvalue
16) Methylene chloride	3.026	84	4400	2.748	ug/L	84
35) Methylcyclohexane	6.682	83	11994	5.317	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5454	3.066	ug/L #	94
46) Tetrachloroethene	8.547	164	60951	59.649	ug/L	91
49) Dibromochloromethane	8.547	129	57607	39.851	ug/L #	11
71) Naphthalene	14.097	128	9311	2.058	ug/L #	84

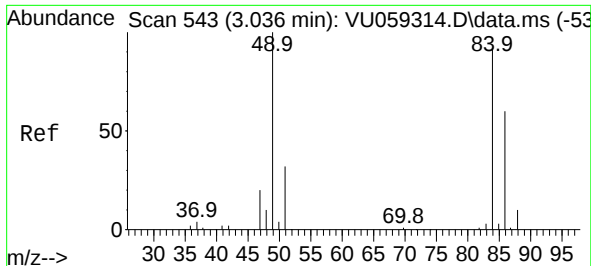
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 05:32:50 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.748 ug/L

RT: 3.026 min Scan# 54

Delta R.T. -0.010 min

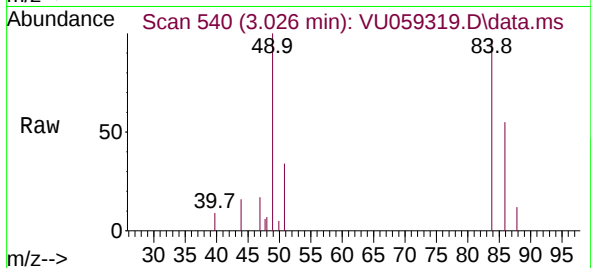
Lab File: VU059319.D

Acq: 18 Jun 2024 18:22

Instrument :

MSVOA_U

ClientSampleId :



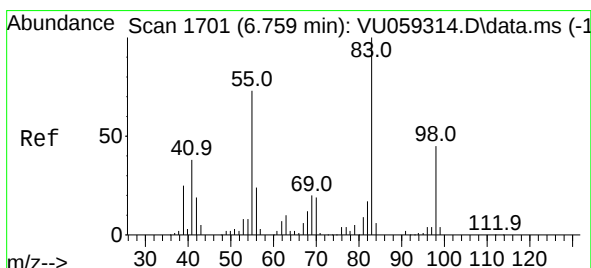
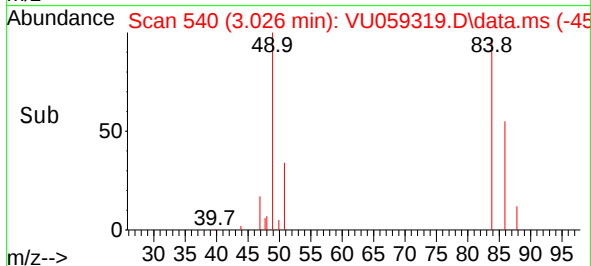
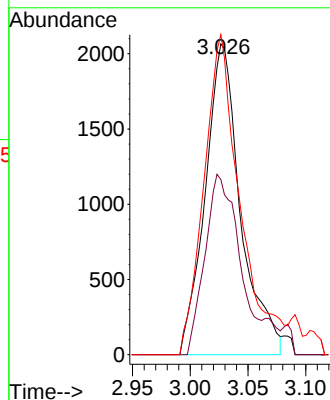
Tgt Ion: 84 Resp: 4400

Ion Ratio Lower Upper

84 100

86 56.4 44.9 83.3

49 103.0 87.5 162.5



#35

Methylcyclohexane

Concen: 5.317 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU059319.D

Acq: 18 Jun 2024 18:22

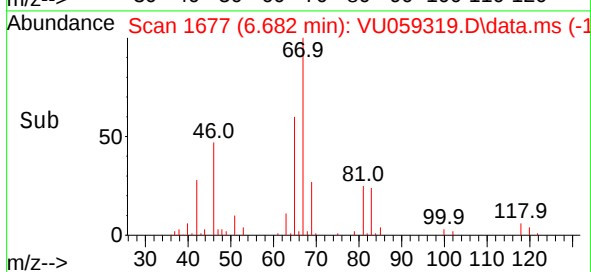
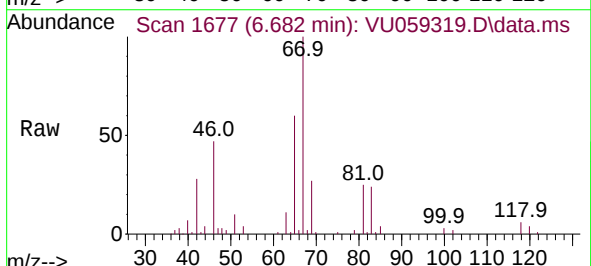
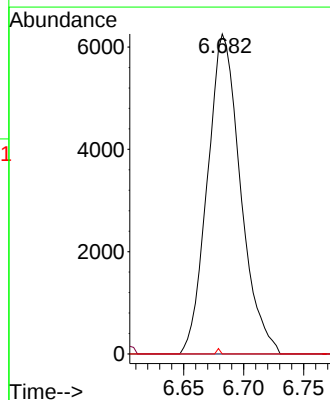
Tgt Ion: 83 Resp: 11994

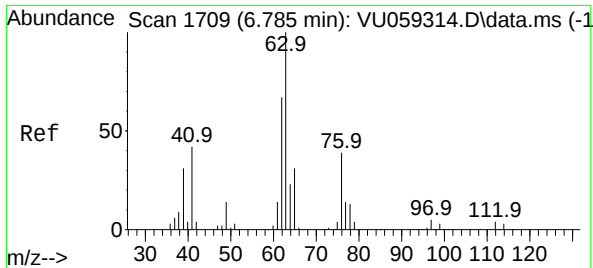
Ion Ratio Lower Upper

83 100

55 1.4 63.9 95.9#

98 2.7 34.7 52.1#

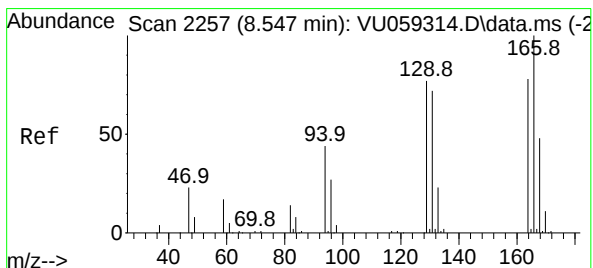
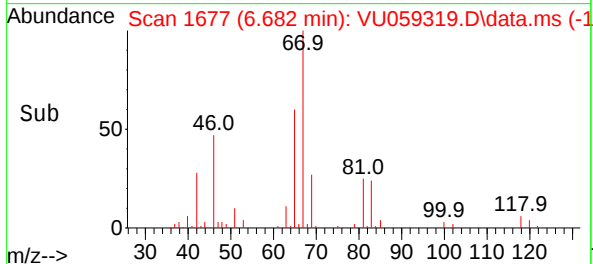
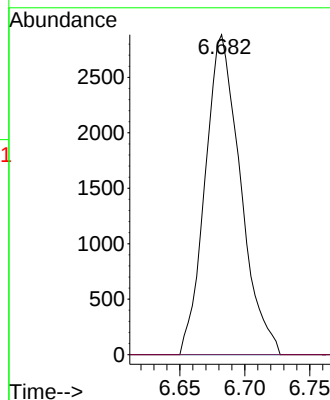
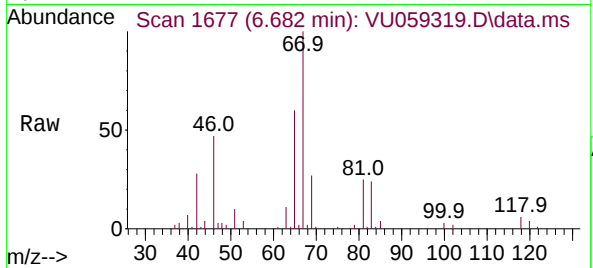




#37
1,2-Dichloropropane
Concen: 3.066 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059319.D
Acq: 18 Jun 2024 18:22

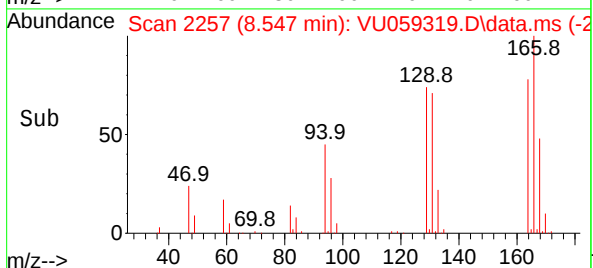
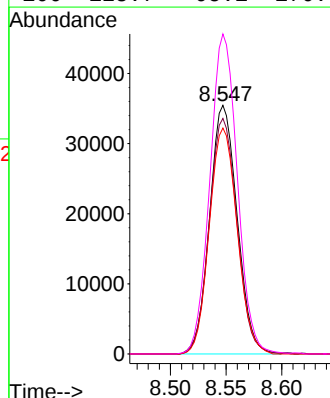
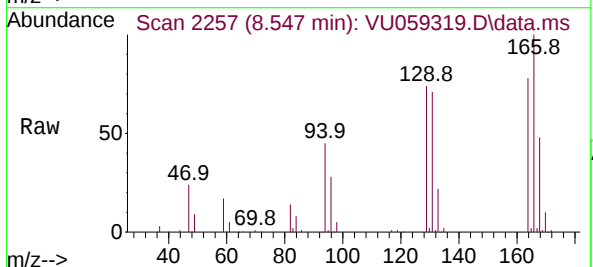
Instrument :
MSVOA_U
ClientSampleId :

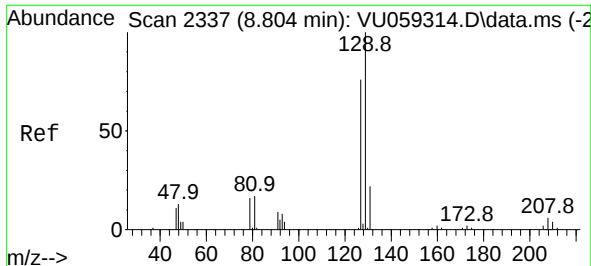
Tgt Ion: 63 Resp: 5454
Ion Ratio Lower Upper
63 100
112 1.3 2.6 4.0#



#46
Tetrachloroethene
Concen: 59.649 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059319.D
Acq: 18 Jun 2024 18:22

Tgt Ion:164 Resp: 60951
Ion Ratio Lower Upper
164 100
129 94.7 74.5 138.5
131 90.9 70.6 131.0
166 128.7 95.1 176.7





#49

Dibromochloromethane

Concen: 39.851 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059319.D

Acq: 18 Jun 2024 18:22

Instrument :

MSVOA_U

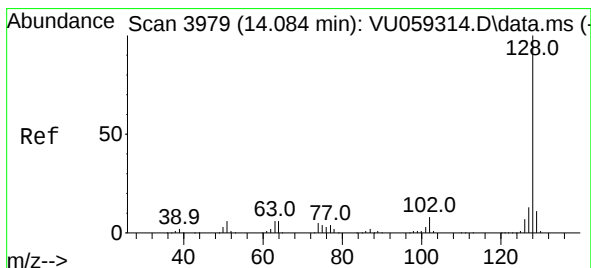
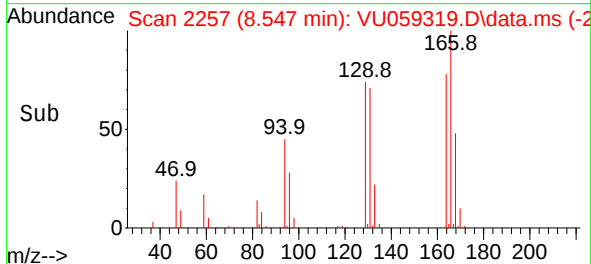
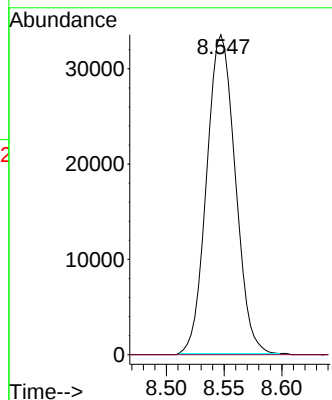
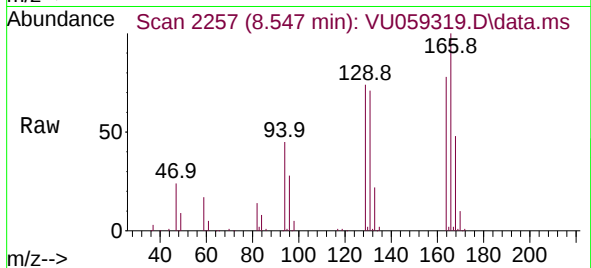
ClientSampleId :

Tgt Ion:129 Resp: 57607

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#71

Naphthalene

Concen: 2.058 ug/L

RT: 14.097 min Scan# 3983

Delta R.T. 0.013 min

Lab File: VU059319.D

Acq: 18 Jun 2024 18:22

Tgt Ion:128 Resp: 9311

Ion Ratio Lower Upper

128 100

127 4.9 10.4 15.6#

129 6.8 8.5 12.7#

