

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035968.D
 Acq On : 04 Jun 2024 11:14
 Operator : SY/MD
 Sample : P2695-11
 Misc : 4.64g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 04:03:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 04:01:54 2024
 Response via : Initial Calibration

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

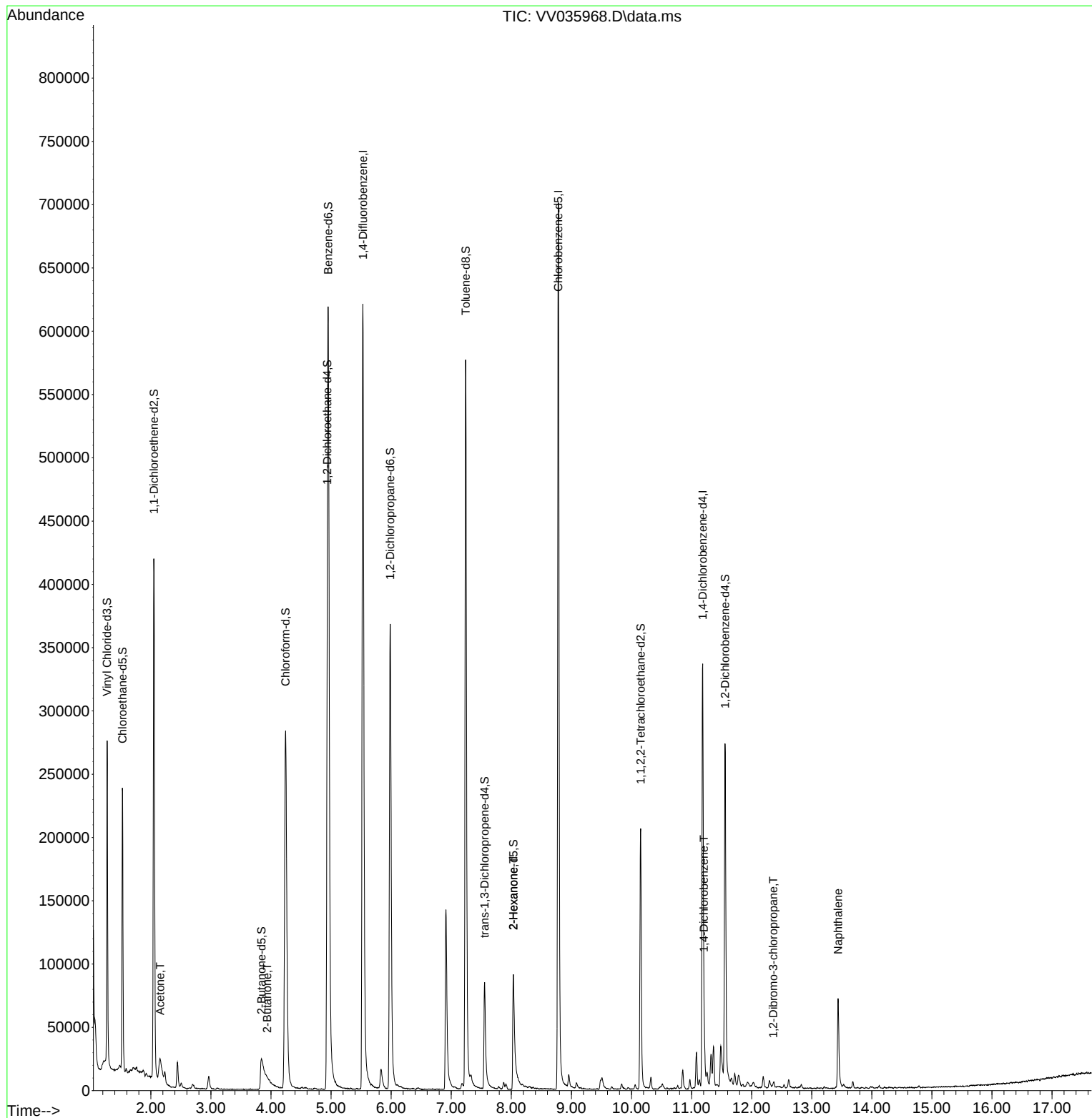
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	549057	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	402511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	93286	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	164308	16.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.120%
7) Chloroethane-d5	1.526	69	146779	18.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.960%
11) 1,1-Dichloroethene-d2	2.050	65	71589	15.931	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.720%
21) 2-Butanone-d5	3.841	46	64728	27.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.900%
24) Chloroform-d	4.243	84	318972	18.273	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.080%
26) 1,2-Dichloroethane-d4	4.937	65	155016	16.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.760%#
32) Benzene-d6	4.953	84	570794	23.856	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.440%
36) 1,2-Dichloropropane-d6	5.982	67	190061	25.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.880%
41) Toluene-d8	7.239	98	399644	18.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.720%
43) trans-1,3-Dichloroprop...	7.554	79	55781	18.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.240%
47) 2-Hexanone-d5	8.034	63	35932	35.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	106304	18.881	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	68236	19.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.800%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	53819	14.918	ug/L #	49
22) 2-Butanone	3.937	43	5279	1.724	ug/L	86
48) 2-Hexanone	8.034	43	4387	1.494	ug/L #	59
65) 1,4-Dichlorobenzene	11.207	146	10647	1.641	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	1191	2.414	ug/L #	82
71) Naphthalene	13.438	128	60011	9.934	ug/L	99

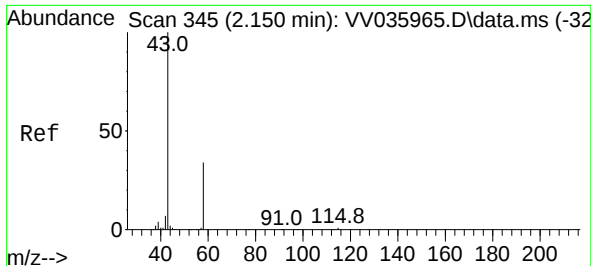
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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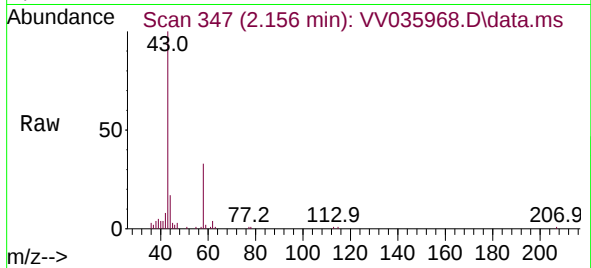
Quant Time: Jun 05 04:03:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration



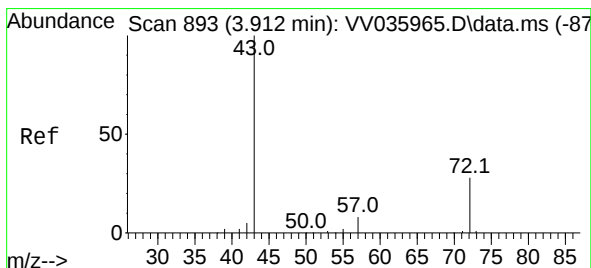
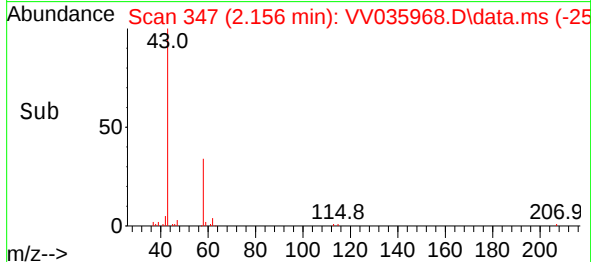
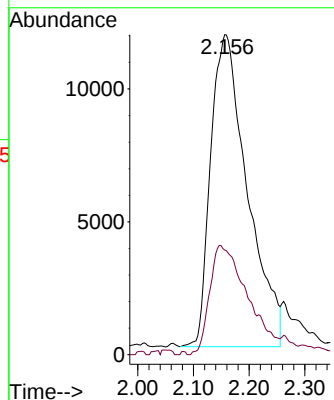


#13
Acetone
Concen: 14.918 ug/L
RT: 2.156 min Scan# 345
Delta R.T. 0.006 min
Lab File: VV035968.D
Acq: 04 Jun 2024 11:14

Instrument :
MSVOA_V
ClientSampleId :

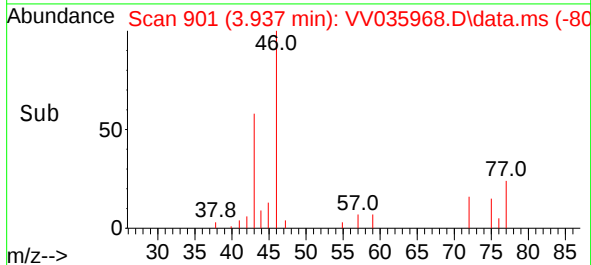
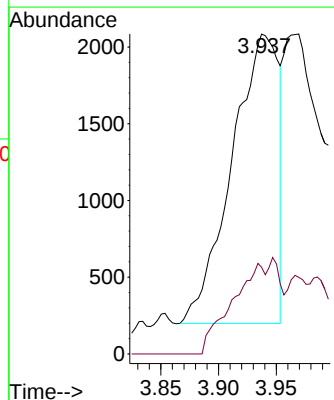
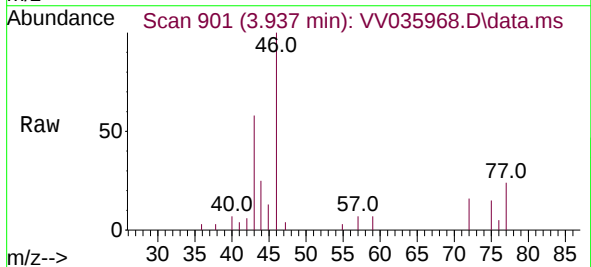


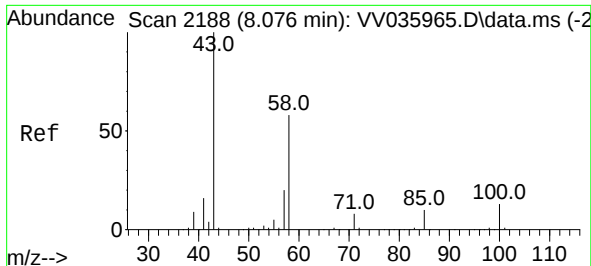
Tgt Ion: 43 Resp: 53819
Ion Ratio Lower Upper
43 100
58 32.0 0.0 24.2#



#22
2-Butanone
Concen: 1.724 ug/L
RT: 3.937 min Scan# 901
Delta R.T. 0.026 min
Lab File: VV035968.D
Acq: 04 Jun 2024 11:14

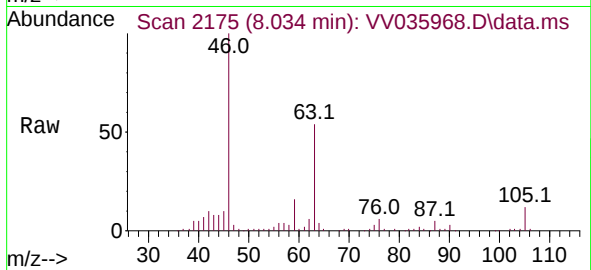
Tgt Ion: 43 Resp: 5279
Ion Ratio Lower Upper
43 100
72 22.5 8.2 24.4



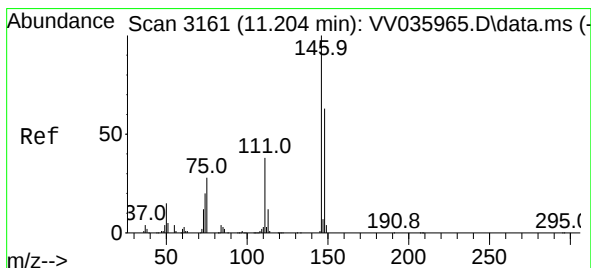
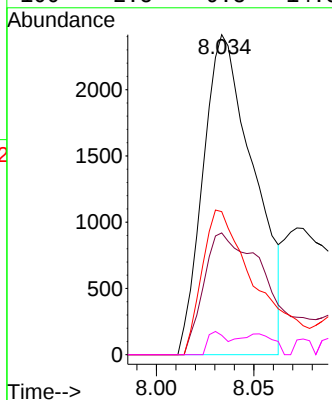
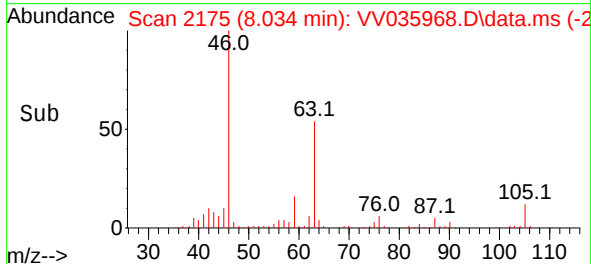


#48
2-Hexanone
Concen: 1.494 ug/L
RT: 8.034 min Scan# 2188
Delta R.T. -0.042 min
Lab File: VV035968.D
Acq: 04 Jun 2024 11:14

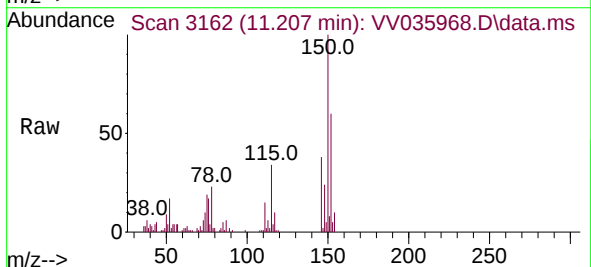
Instrument :
MSVOA_V
ClientSampleId :



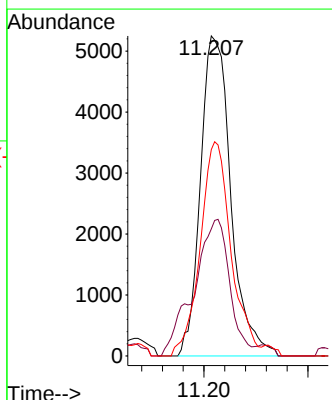
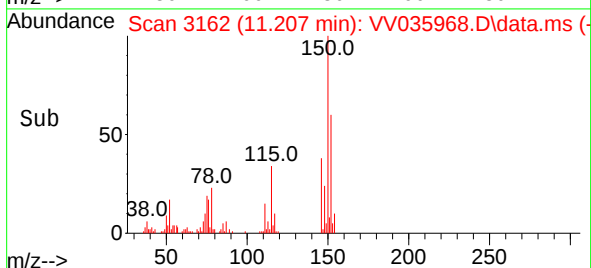
Tgt Ion: 43 Resp: 4387
Ion Ratio Lower Upper
43 100
58 29.5 45.4 68.0#
57 48.8 15.8 23.8#
100 2.5 9.8 14.8#

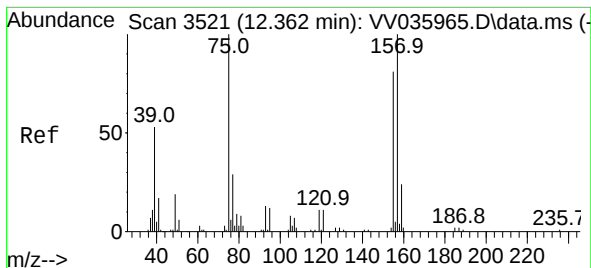


#65
1,4-Dichlorobenzene
Concen: 1.641 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035968.D
Acq: 04 Jun 2024 11:14



Tgt Ion: 146 Resp: 10647
Ion Ratio Lower Upper
146 100
111 39.7 26.9 50.1
148 64.5 44.5 82.7





#68

1,2-Dibromo-3-chloropropane

Concen: 2.414 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035968.D

Acq: 04 Jun 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

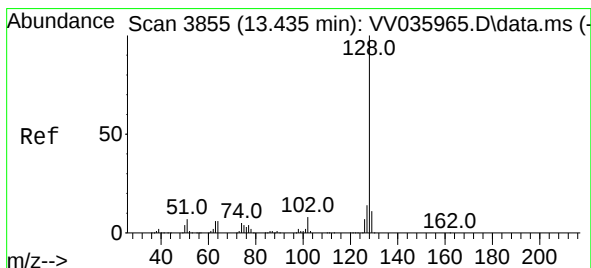
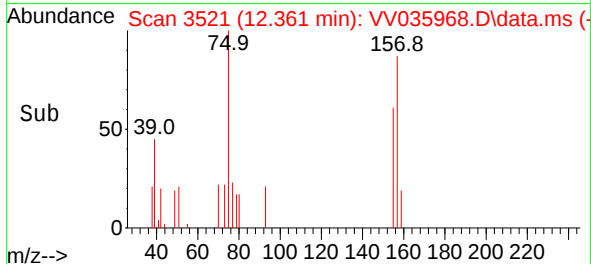
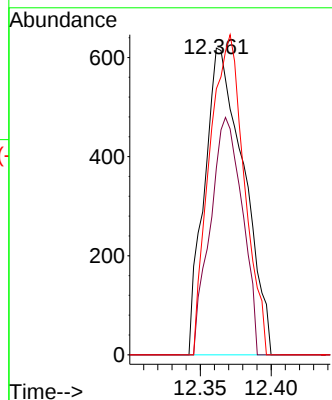
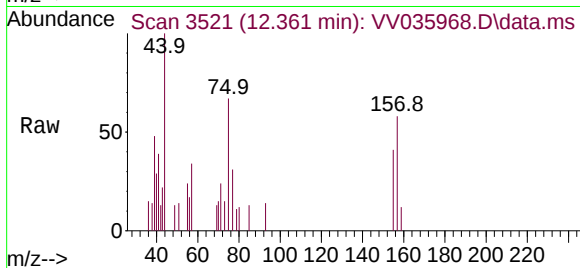
Tgt Ion: 75 Resp: 1191

Ion Ratio Lower Upper

75 100

155 60.9 63.3 94.9#

157 86.8 82.4 123.6



#71

Naphthalene

Concen: 9.934 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV035968.D

Acq: 04 Jun 2024 11:14

Tgt Ion: 128 Resp: 60011

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.6 8.8 13.2

