

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021559.D
 Acq On : 22 Dec 2021 13:37
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:35:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

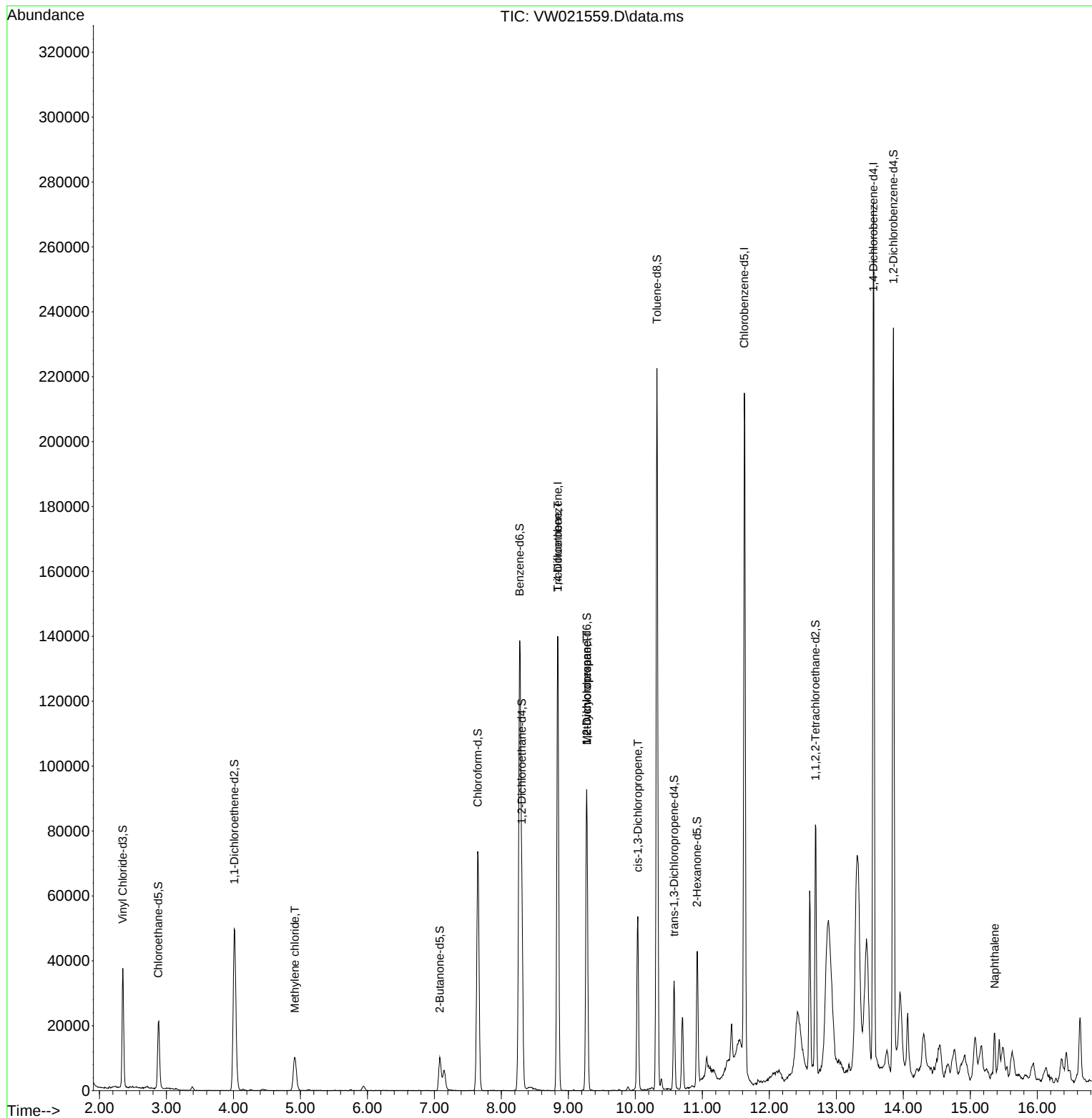
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	119205	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	117091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72055	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36716	16.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.640%
7) Chloroethane-d5	2.879	69	24409	17.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.040%
11) 1,1-Dichloroethene-d2	4.013	63	48271	16.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.720%
21) 2-Butanone-d5	7.079	46	17295	56.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.020%
24) Chloroform-d	7.646	84	73849	22.230	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.920%
26) 1,2-Dichloroethane-d4	8.305	65	42331	23.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.840%
32) Benzene-d6	8.274	84	142073	22.136	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	9.274	67	39616	23.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.323	98	144057	21.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.880%
43) trans-1,3-Dichloroprop...	10.579	79	17682	22.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.920	63	14610	57.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35135	23.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	60190	21.554	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.200%
Target Compounds						
16) Methylene chloride	4.915	84	8681	4.407	ug/L	78
34) Trichloroethene	8.841	95	3801	2.123	ug/L	# 5
35) Methylcyclohexane	9.274	83	10876	3.682	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	5187	3.646	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1642	0.732	ug/L	86
71) Naphthalene	15.365	128	12248	2.715	ug/L	96

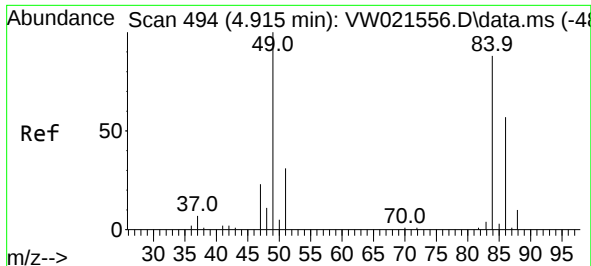
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 23 00:34:33 2021
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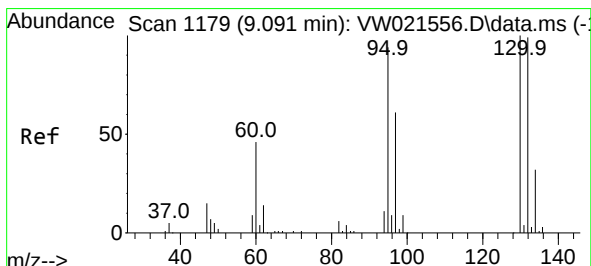
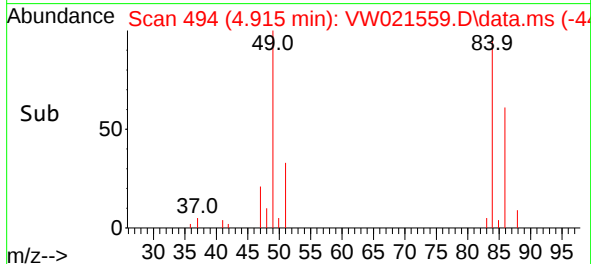
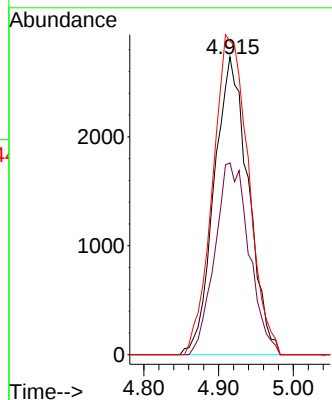
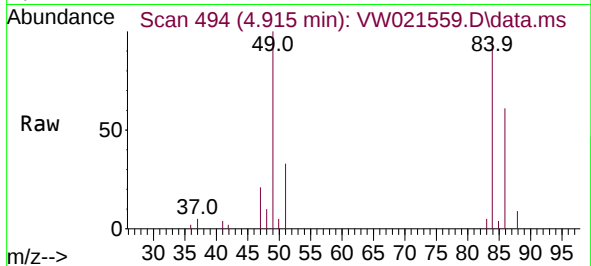




#16
Methylene chloride
Concen: 4.407 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021559.D
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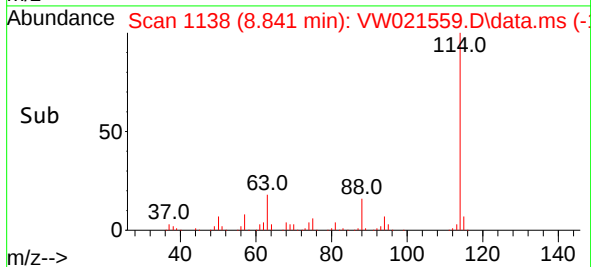
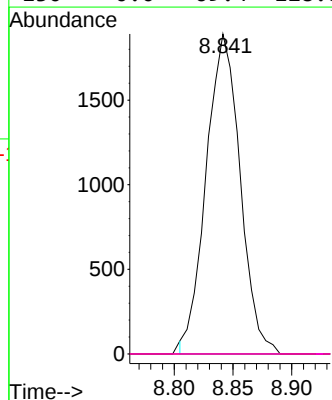
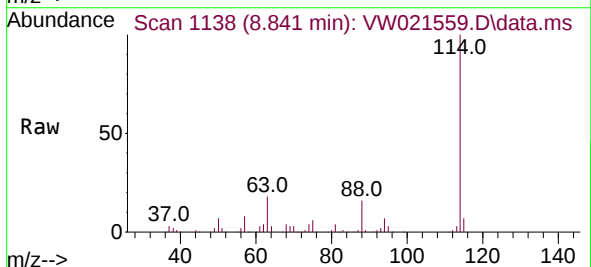
Instrument :
MSVOA_W
ClientSampleId :

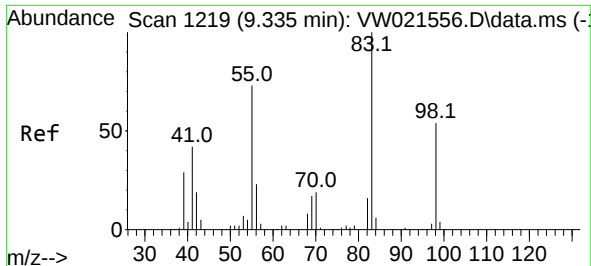
Tgt Ion: 84 Resp: 8681
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 105.3 100.5 186.7



#34
Trichloroethene
Concen: 2.123 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021559.D
Acq: 22 Dec 2021 13:37

Tgt Ion: 95 Resp: 3801
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.682 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021559.D

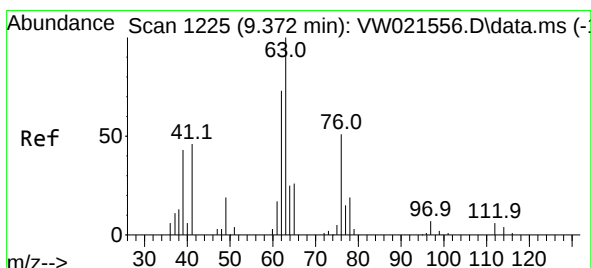
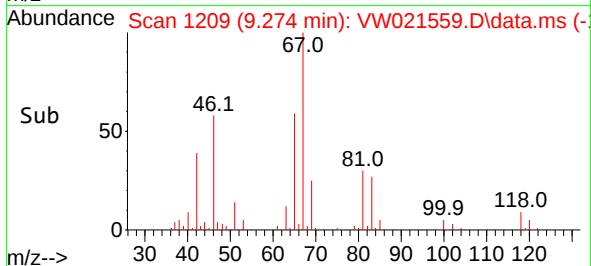
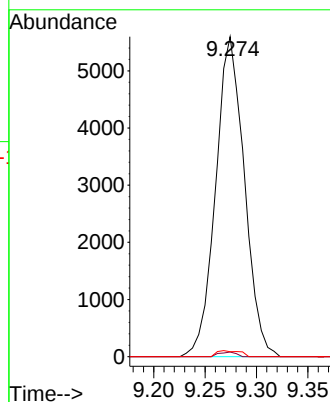
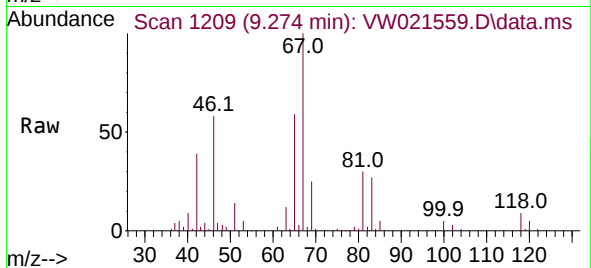
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Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 10876
Ion Ratio	Lower Upper
83	100
55	0.9 70.8 106.2#
98	0.9 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.646 ug/L

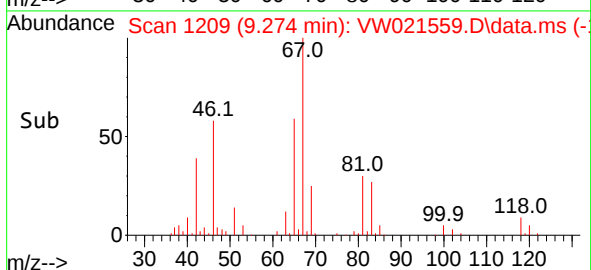
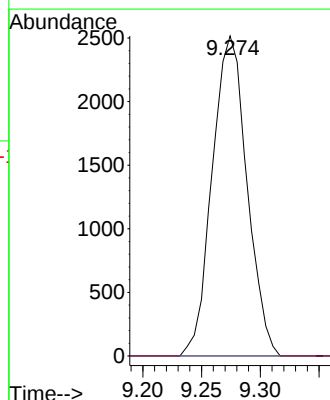
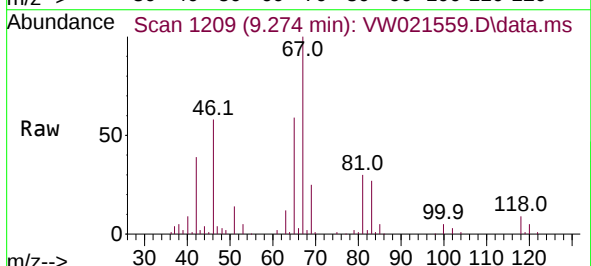
RT: 9.274 min Scan# 1209

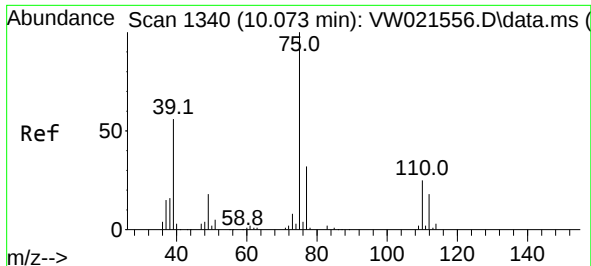
Delta R.T. -0.098 min

Lab File: VW021559.D

Acq: 22 Dec 2021 13:37

Tgt Ion: 63	Resp: 5187
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021559.D

Acq: 22 Dec 2021 13:37

Instrument :

MSVOA_W

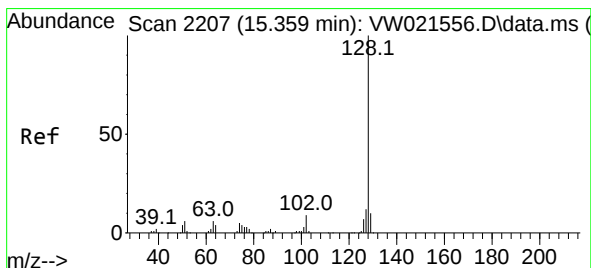
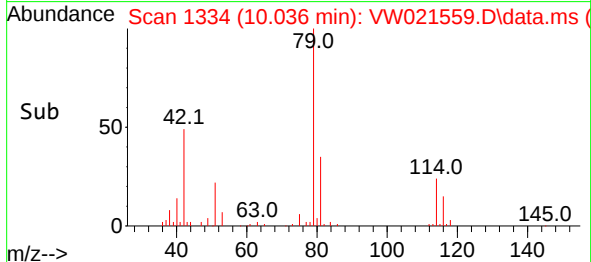
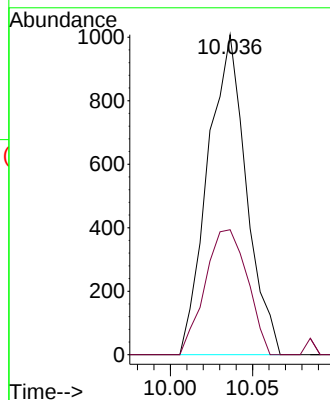
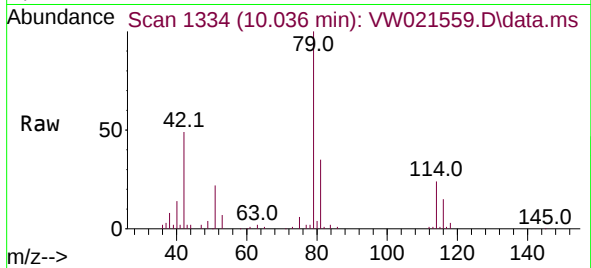
ClientSampleId :

Tgt Ion: 75 Resp: 1642

Ion Ratio Lower Upper

75 100

77 39.1 21.8 40.6



#71

Naphthalene

Concen: 2.715 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW021559.D

Acq: 22 Dec 2021 13:37

Tgt Ion:128 Resp: 12248

Ion Ratio Lower Upper

128 100

127 11.4 10.7 16.1

129 11.6 8.6 12.8

