

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060930.D
 Acq On : 20 Sep 2024 06:40
 Operator : MD/SY
 Sample : P4092-02 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B16

Quant Time: Sep 20 07:27:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

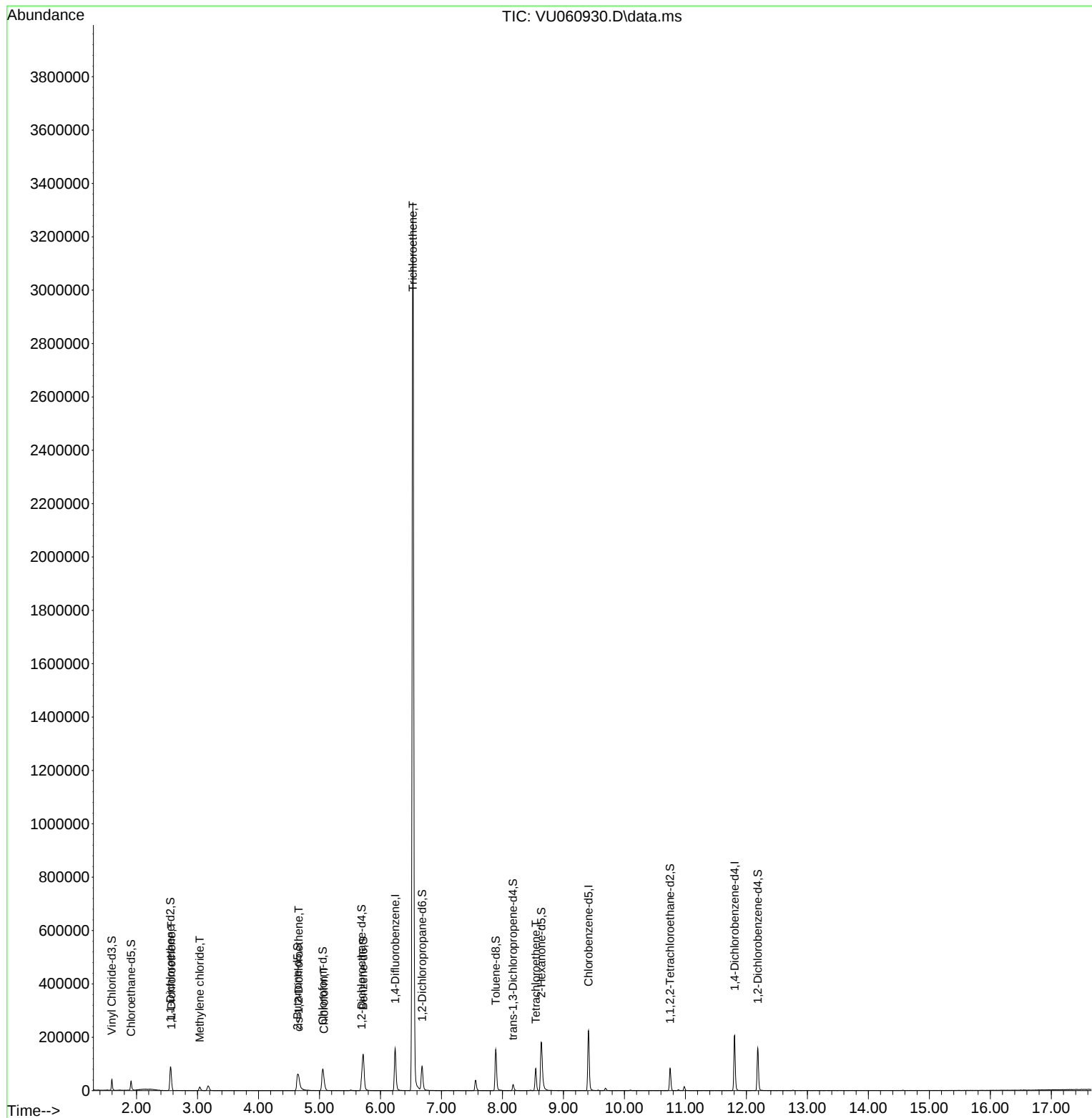
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137873	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30309	2.444	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	48.800%	
7) Chloroethane-d5	1.911	69	28323	3.208	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	64.200%#	
11) 1,1-Dichloroethene-d2	2.557	65	13188	3.001	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.000%	
20) 2-Butanone-d5	4.640	46	91234	45.828	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.660%	
24) Chloroform-d	5.052	84	77647	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
26) 1,2-Dichloroethane-d4	5.692	65	38777	4.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.718	84	135737	3.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.400%#	
36) 1,2-Dichloropropane-d6	6.682	67	46565	3.846	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.000%	
41) Toluene-d8	7.891	98	115623	3.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.800%#	
43) trans-1,3-Dichloroprop...	8.174	79	14834	3.404	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.000%	
46) 2-Hexanone-d5	8.637	63	79103	46.010	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.020%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43312	4.566	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	49383	4.722	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	11141	1.285	ug/L #	67
16) Methylene chloride	3.036	84	7336	0.730	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	9859	0.991	ug/L	98
25) Chloroform	5.074	83	19572	1.040	ug/L	99
34) Trichloroethene	6.531	95	1137980	108.129	ug/L	93
47) Tetrachloroethene	8.547	164	19507	2.332	ug/L	96

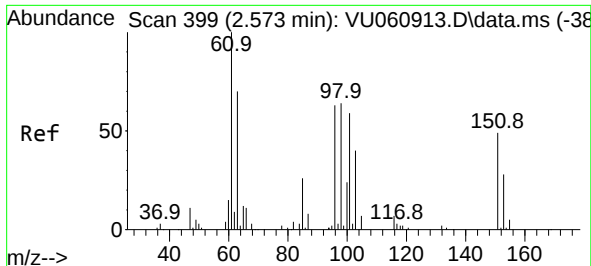
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
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#12

1,1-Dichloroethene

Concen: 1.285 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060930.D

Acq: 20 Sep 2024 06:40

Instrument :

MSVOA_U

ClientSampleId :

C0B16

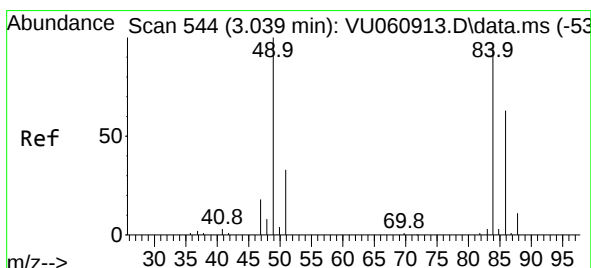
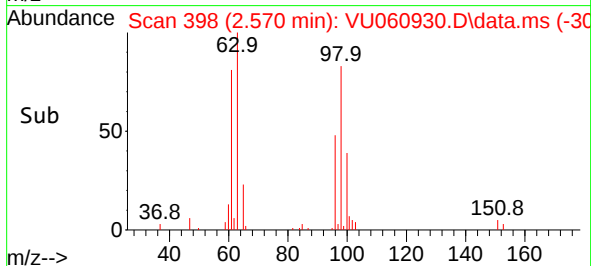
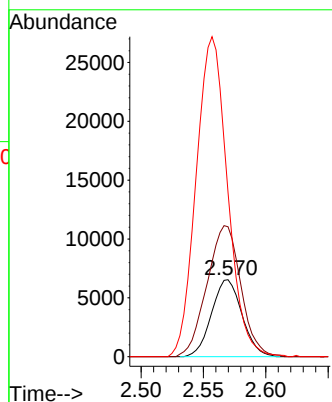
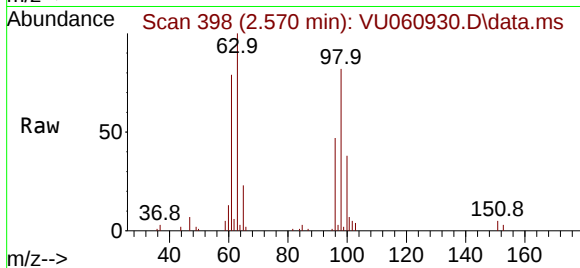
Tgt Ion: 96 Resp: 11141

Ion Ratio Lower Upper

96 100

61 169.0 120.7 224.1

63 213.5 90.0 167.2#



#16

Methylene chloride

Concen: 0.730 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060930.D

Acq: 20 Sep 2024 06:40

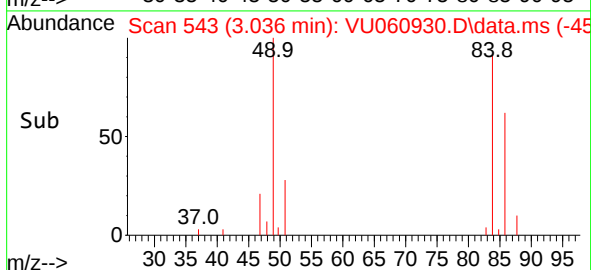
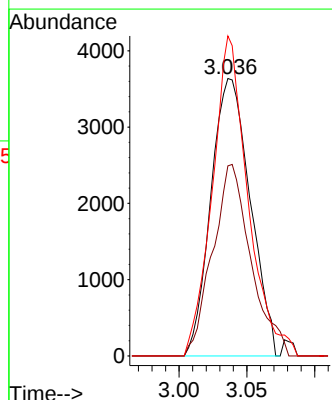
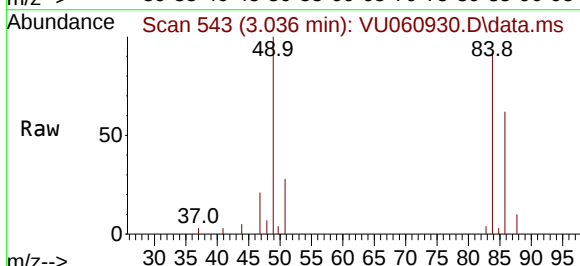
Tgt Ion: 84 Resp: 7336

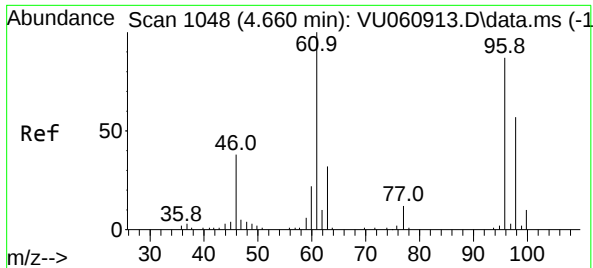
Ion Ratio Lower Upper

84 100

86 68.5 47.3 87.8

49 115.3 78.7 146.1

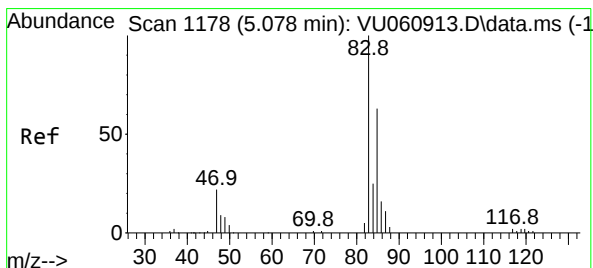
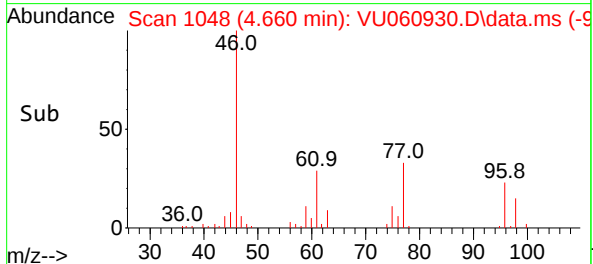
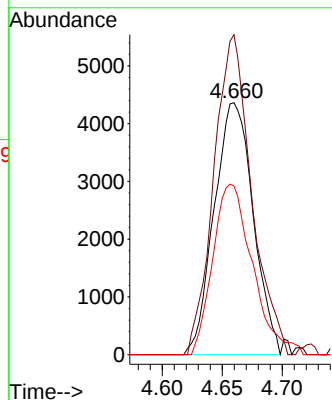
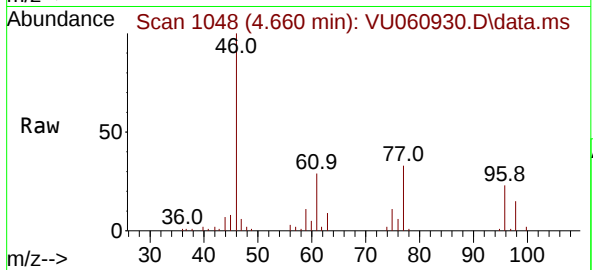




#22
cis-1,2-Dichloroethene
Concen: 0.991 ug/L
RT: 4.660 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VU060930.D
Acq: 20 Sep 2024 06:40

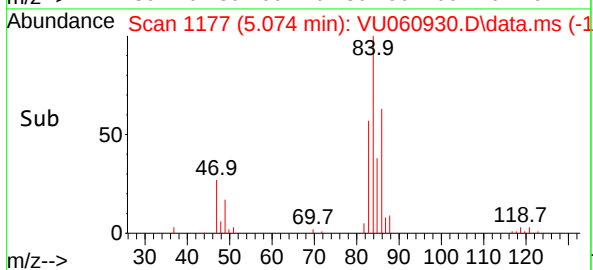
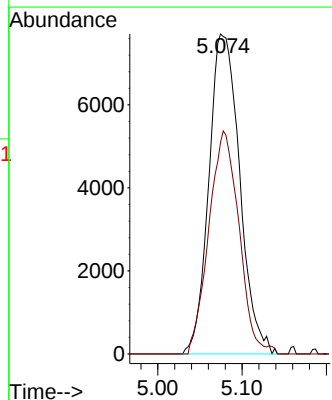
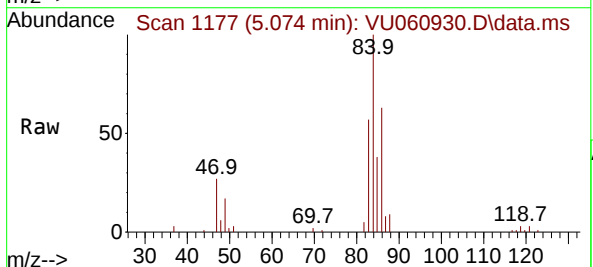
Instrument :
MSVOA_U
ClientSampleId :
C0B16

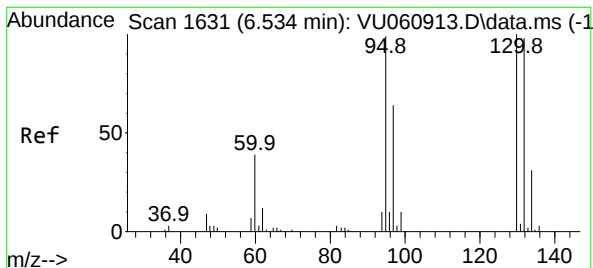
Tgt Ion: 96 Resp: 9859
Ion Ratio Lower Upper
96 100
61 127.0 89.7 166.5
98 67.0 45.1 83.9



#25
Chloroform
Concen: 1.040 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU060930.D
Acq: 20 Sep 2024 06:40

Tgt Ion: 83 Resp: 19572
Ion Ratio Lower Upper
83 100
85 66.1 46.8 86.8





#34

Trichloroethene

Concen: 108.129 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060930.D

Acq: 20 Sep 2024 06:40

Instrument :

MSVOA_U

ClientSampleId :

C0B16

Tgt Ion: 95 Resp: 1137980

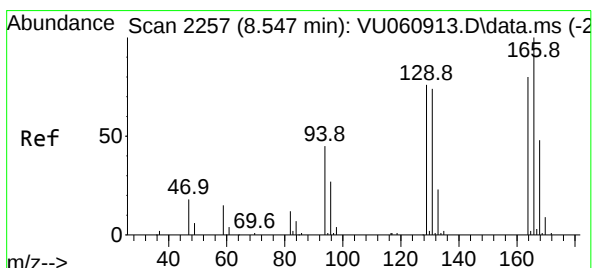
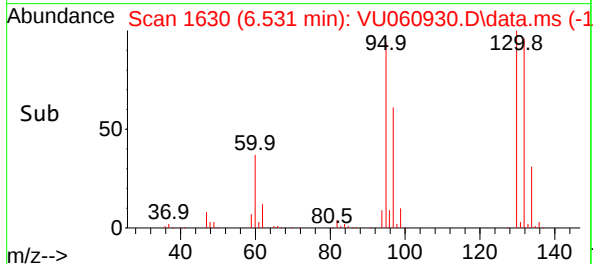
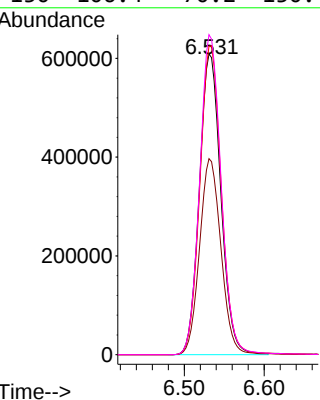
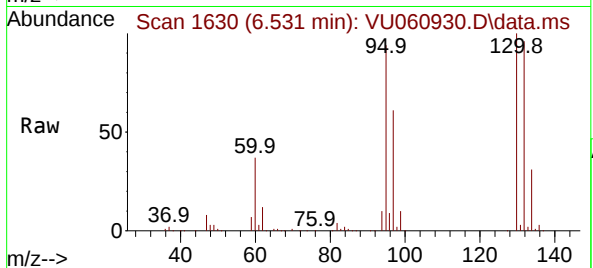
Ion Ratio Lower Upper

95 100

97 65.1 44.9 83.5

132 102.6 63.5 117.9

130 106.4 70.2 130.4



#47

Tetrachloroethene

Concen: 2.332 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060930.D

Acq: 20 Sep 2024 06:40

Tgt Ion:164 Resp: 19507

Ion Ratio Lower Upper

164 100

129 91.2 67.3 124.9

131 92.5 65.4 121.4

166 135.4 89.5 166.1

