

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060971.D
 Acq On : 23 Sep 2024 12:47
 Operator : MD/SY
 Sample : P4092-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B47

Quant Time: Sep 24 06:08:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

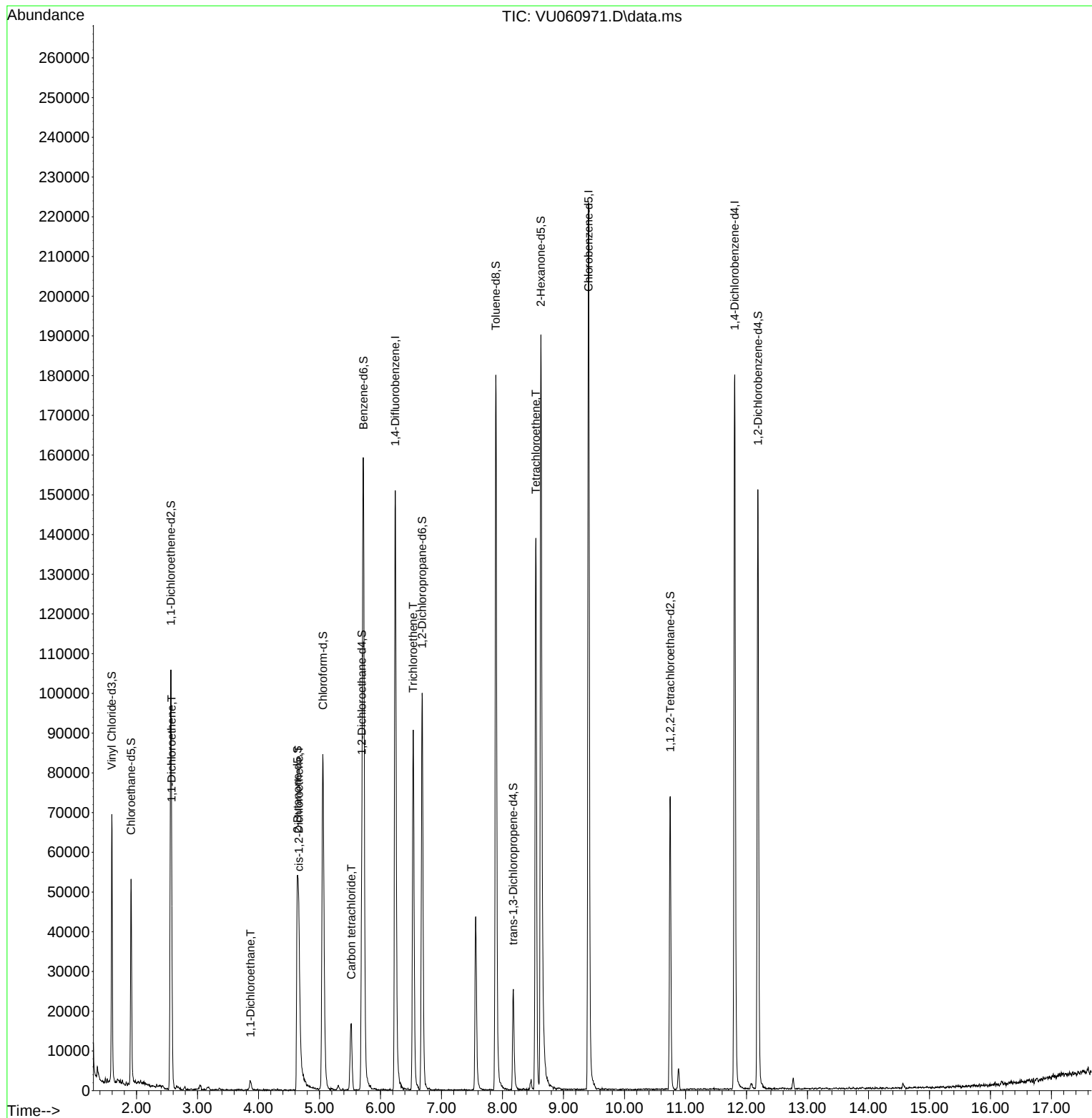
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46975	3.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	38798	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	18642	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.637	46	86305	45.600	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.200%
24) Chloroform-d	5.055	84	82331	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.695	65	39485	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	156772	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	51735	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	128597	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.177	79	17422	4.151	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.627	63	69270	41.842	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39957	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	44725	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	7292	0.884	ug/L	# 13
19) 1,1-Dichloroethane	3.869	63	2931	0.171	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	9716	1.028	ug/L	93
31) Carbon tetrachloride	5.521	117	12425	0.925	ug/L	96
34) Trichloroethene	6.534	95	32940	3.250	ug/L	98
47) Tetrachloroethene	8.547	164	32971	4.094	ug/L	97

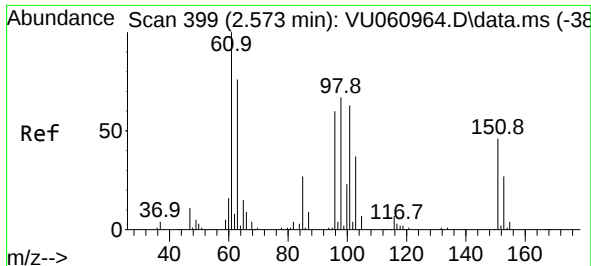
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 24 06:06:45 2024
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#12

1,1-Dichloroethene

Concen: 0.884 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

C0B47

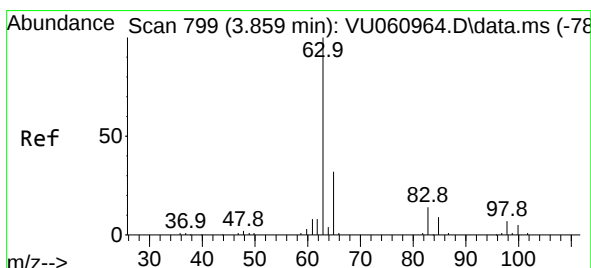
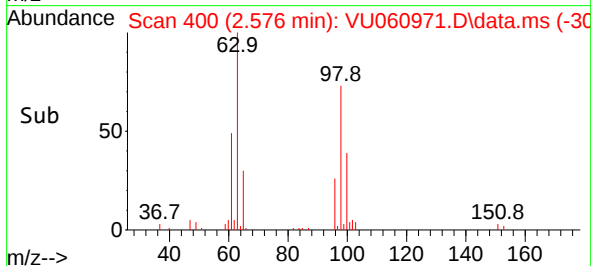
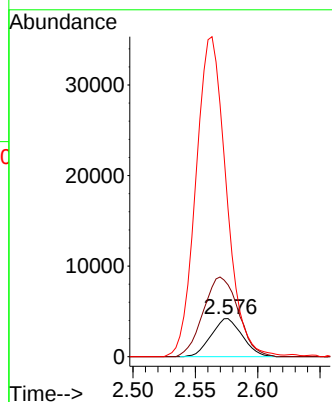
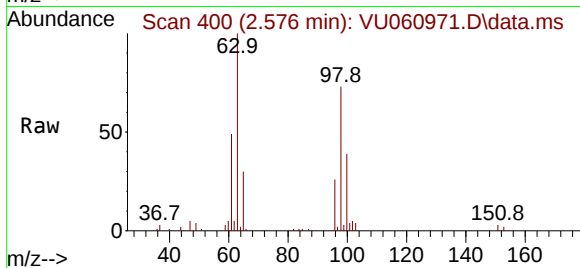
Tgt Ion: 96 Resp: 7292

Ion Ratio Lower Upper

96 100

61 175.2 120.7 224.1

63 360.2 90.0 167.2#



#19

1,1-Dichloroethane

Concen: 0.171 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.010 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

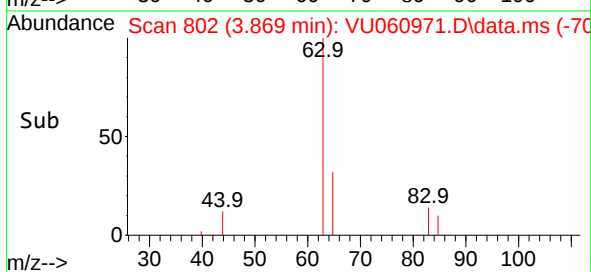
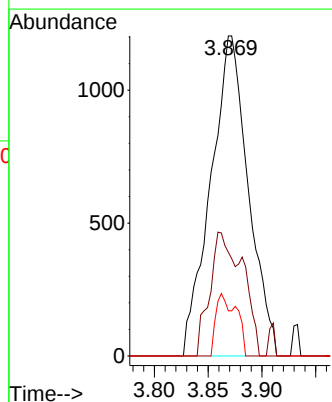
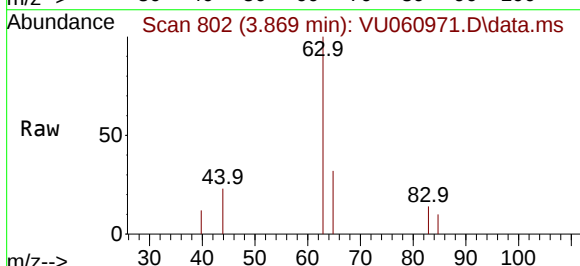
Tgt Ion: 63 Resp: 2931

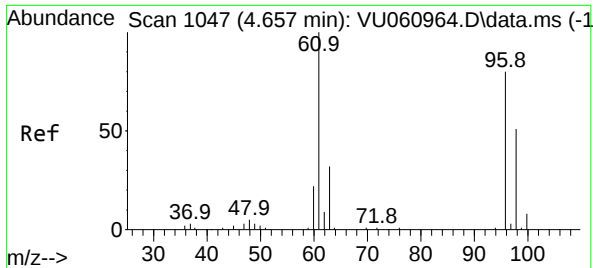
Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.8

83 14.1 9.0 16.6

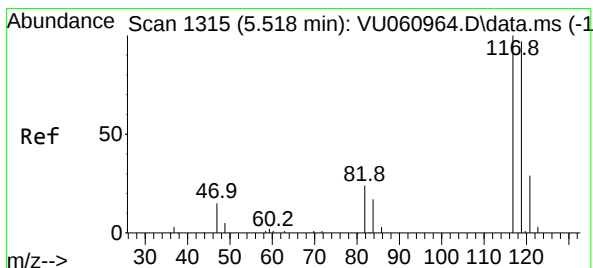
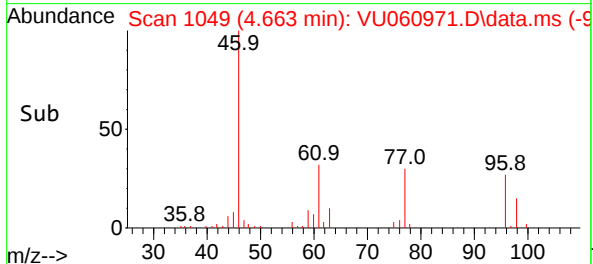
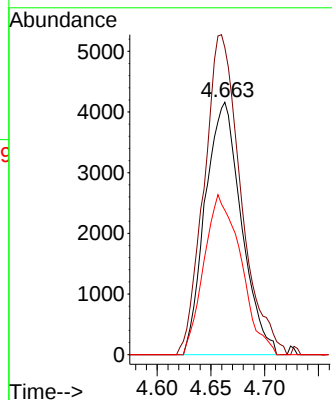
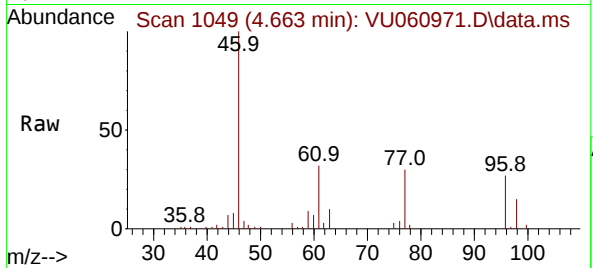




#22
 cis-1,2-Dichloroethene
 Concen: 1.028 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: VU060971.D
 Acq: 23 Sep 2024 12:47

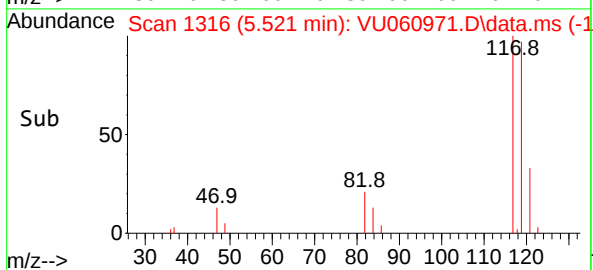
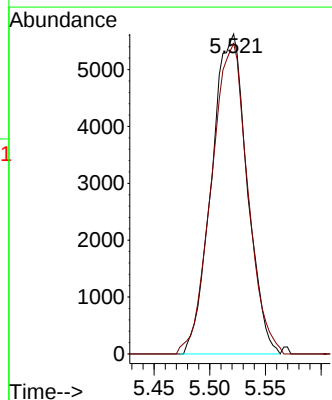
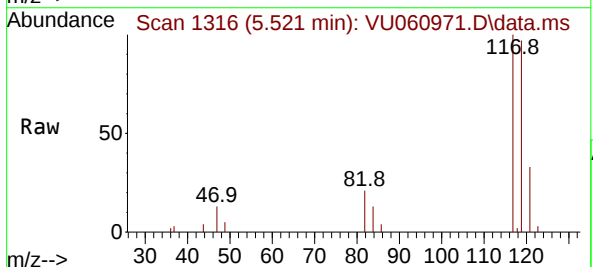
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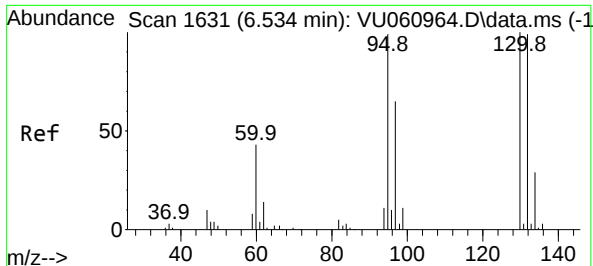
Tgt Ion: 96 Resp: 9716
 Ion Ratio Lower Upper
 96 100
 61 121.7 89.7 166.5
 98 57.2 45.1 83.9



#31
 Carbon tetrachloride
 Concen: 0.925 ug/L
 RT: 5.521 min Scan# 1316
 Delta R.T. 0.003 min
 Lab File: VU060971.D
 Acq: 23 Sep 2024 12:47

Tgt Ion: 117 Resp: 12425
 Ion Ratio Lower Upper
 117 100
 119 99.2 76.3 114.5





#34

Trichloroethene

Concen: 3.250 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

C0B47

Tgt Ion: 95 Resp: 32940

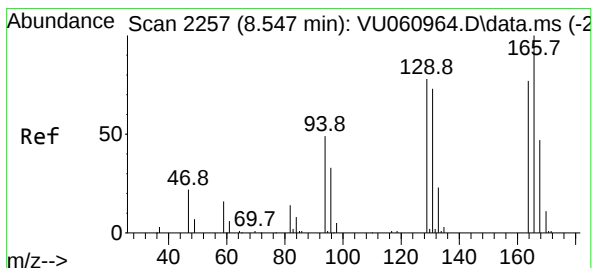
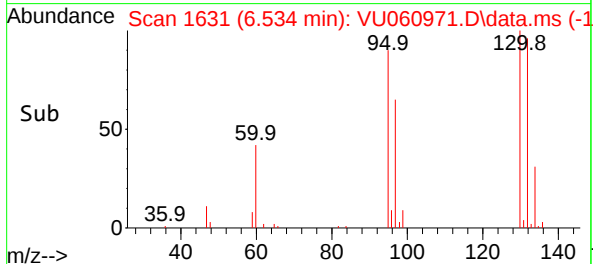
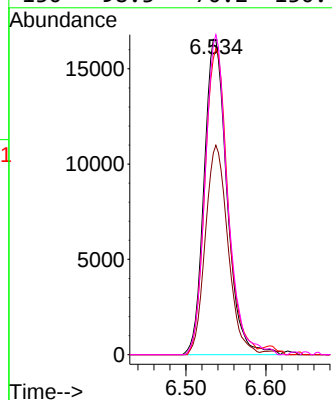
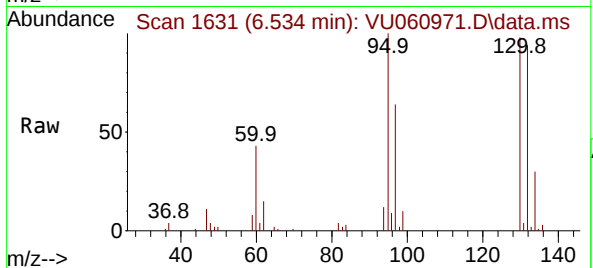
Ion Ratio Lower Upper

95 100

97 63.9 44.9 83.5

132 93.9 63.5 117.9

130 98.3 70.2 130.4



#47

Tetrachloroethene

Concen: 4.094 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Tgt Ion: 164 Resp: 32971

Ion Ratio Lower Upper

164 100

129 93.9 67.3 124.9

131 101.3 65.4 121.4

166 128.8 89.5 166.1

