

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033426.D
 Acq On : 16 Dec 2023 11:48
 Operator : SY/MD
 Sample : 05846-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:26:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

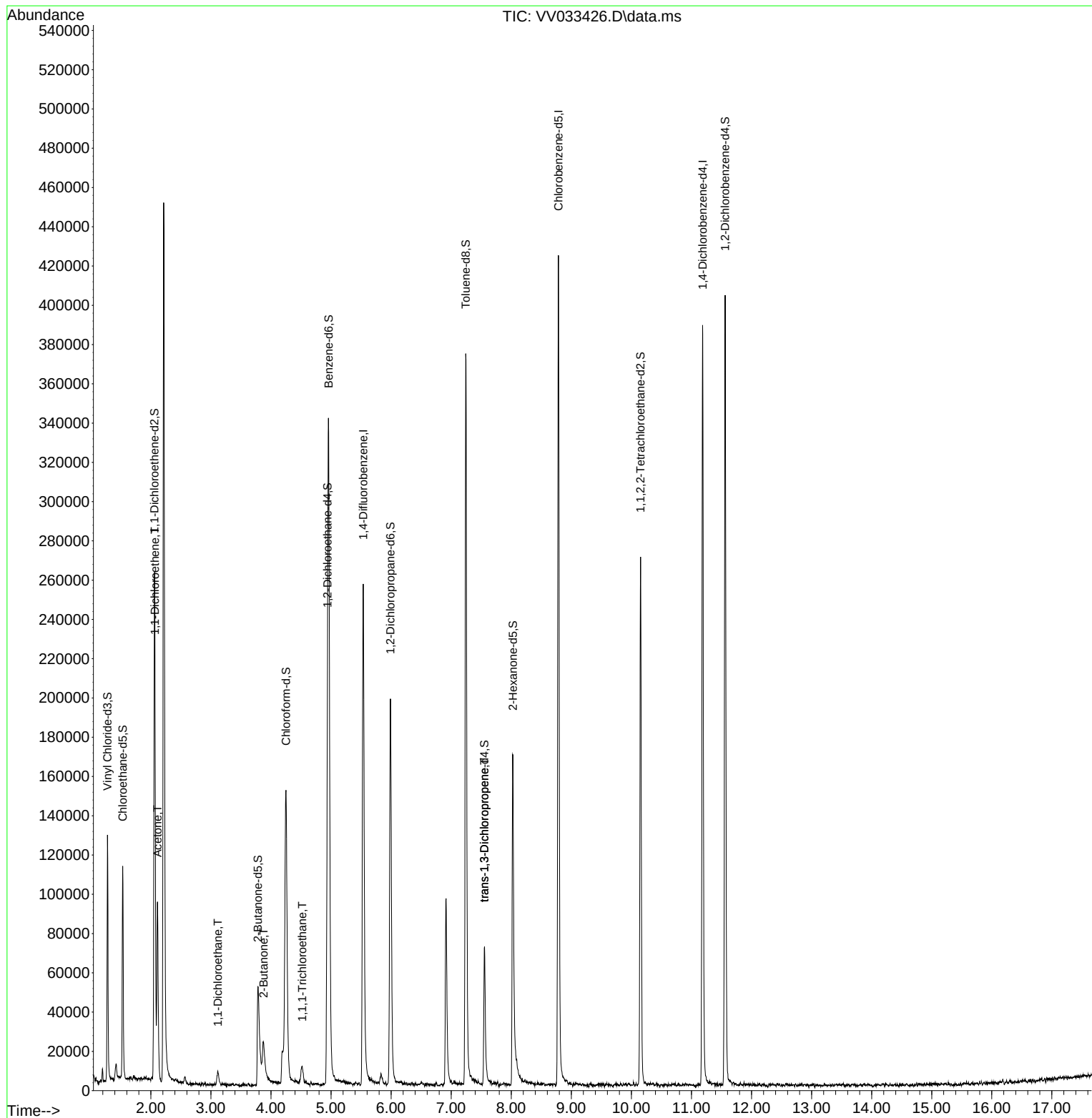
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	221248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	227041	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75628	44.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.780%		
7) Chloroethane-d5	1.532	69	68026	44.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.980%		
11) 1,1-Dichloroethene-d2	2.060	65	37094	43.735	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.480%		
21) 2-Butanone-d5	3.783	46	85388	99.439	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.440%		
24) Chloroform-d	4.249	84	158104	46.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
26) 1,2-Dichloroethane-d4	4.940	65	101018	48.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.580%		
32) Benzene-d6	4.960	84	293707	48.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.060%		
36) 1,2-Dichloropropane-d6	5.989	67	90318	48.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.340%		
41) Toluene-d8	7.243	98	242066	43.263	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.520%		
43) trans-1,3-Dichloroprop...	7.554	79	39613	43.553	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.100%		
47) 2-Hexanone-d5	8.027	63	54075	86.628	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.630%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	124642	46.728	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.460%		
66) 1,2-Dichlorobenzene-d4	11.561	152	98941	54.187	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.380%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	20906	13.409	ug/L #	1
13) Acetone	2.111	43	90976	91.272	ug/L	100
19) 1,1-Dichloroethane	3.114	63	6762	2.394	ug/L	96
22) 2-Butanone	3.876	43	34460	35.091	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	6641	2.369	ug/L #	74
44) trans-1,3-Dichloropropene	7.554	75	2307	0.963	ug/L	88

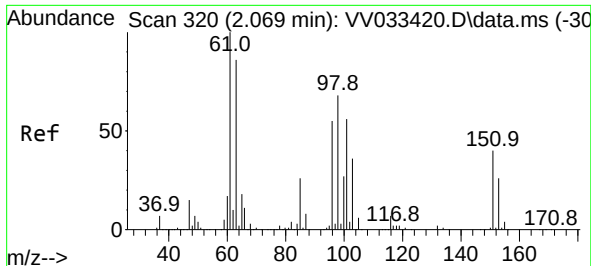
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.409 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

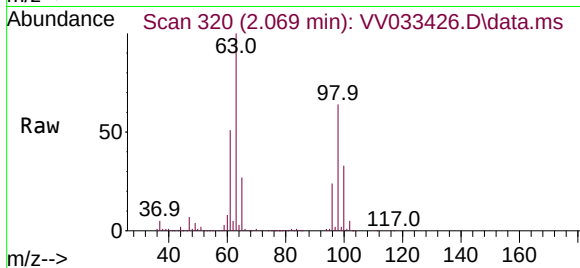
Lab File: VV033426.D

Acq: 16 Dec 2023 11:48

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MSVOA_V

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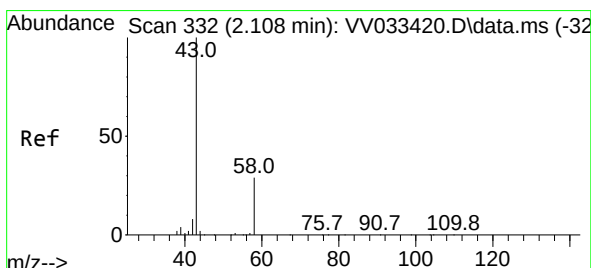
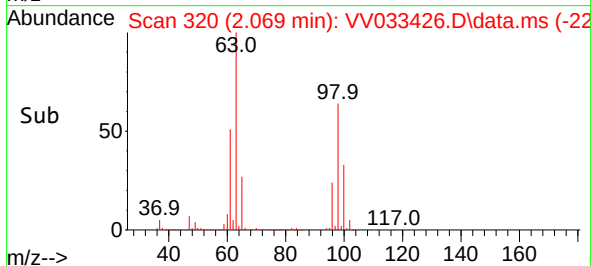
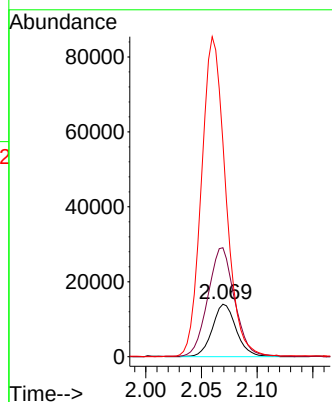
Tgt Ion: 96 Resp: 20906

Ion Ratio Lower Upper

96 100

61 207.8 124.3 230.8

63 408.5 108.1 200.7#



#13

Acetone

Concen: 91.272 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV033426.D

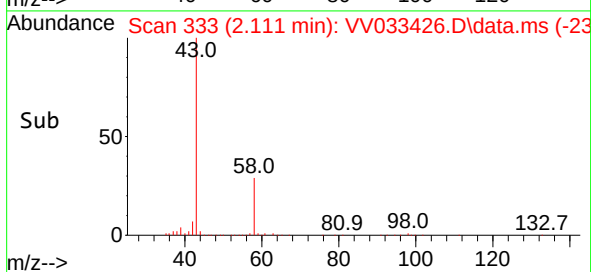
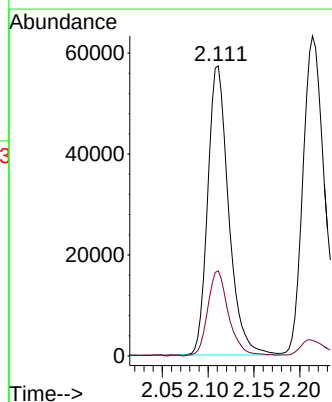
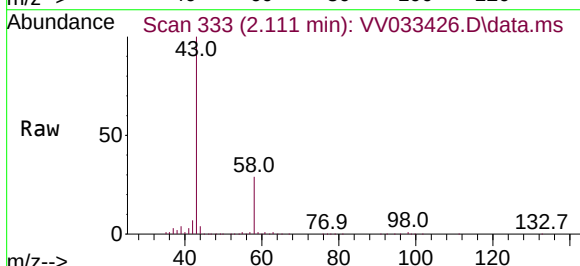
Acq: 16 Dec 2023 11:48

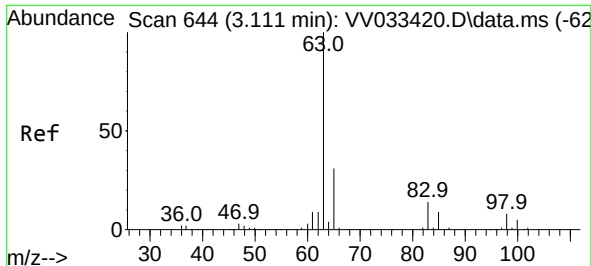
Tgt Ion: 43 Resp: 90976

Ion Ratio Lower Upper

43 100

58 29.4 0.0 59.2





#19

1,1-Dichloroethane

Concen: 2.394 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

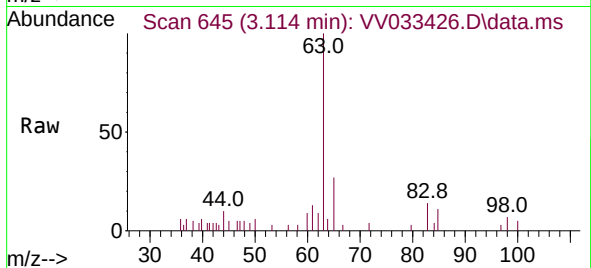
Lab File: VV033426.D

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ClientSampleId :



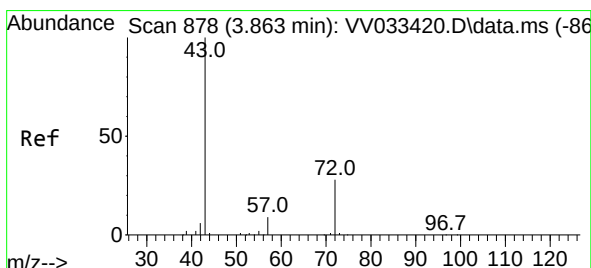
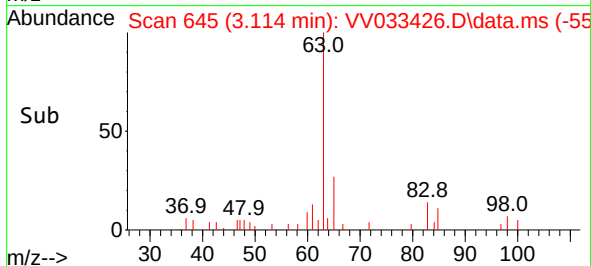
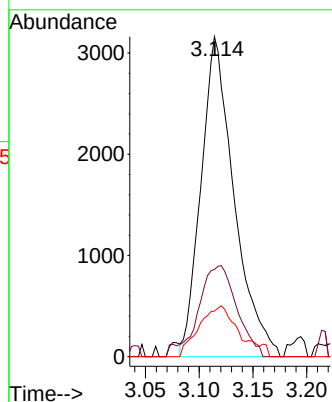
Tgt Ion: 63 Resp: 6762

Ion Ratio Lower Upper

63 100

65 27.3 21.1 39.3

83 14.3 9.7 17.9



#22

2-Butanone

Concen: 35.091 ug/L

RT: 3.876 min Scan# 882

Delta R.T. 0.013 min

Lab File: VV033426.D

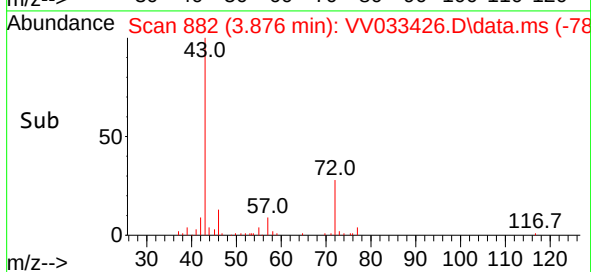
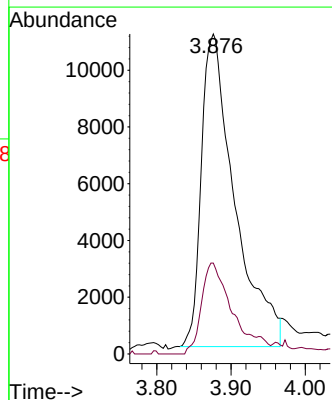
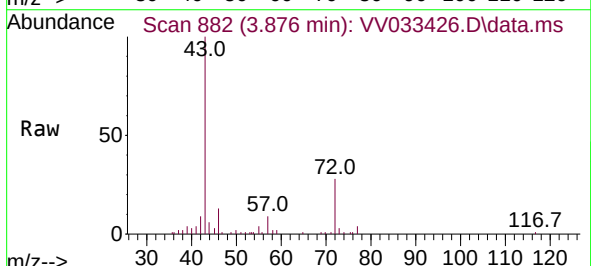
Acq: 16 Dec 2023 11:48

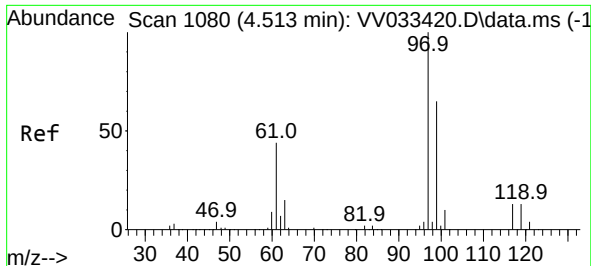
Tgt Ion: 43 Resp: 34460

Ion Ratio Lower Upper

43 100

72 25.7 12.4 37.4





#30

1,1,1-Trichloroethane

Concen: 2.369 ug/L

RT: 4.519 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV033426.D

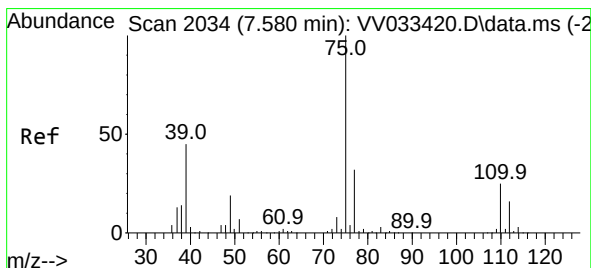
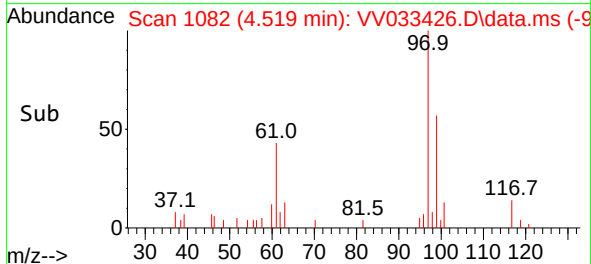
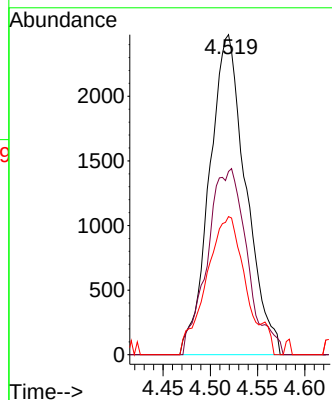
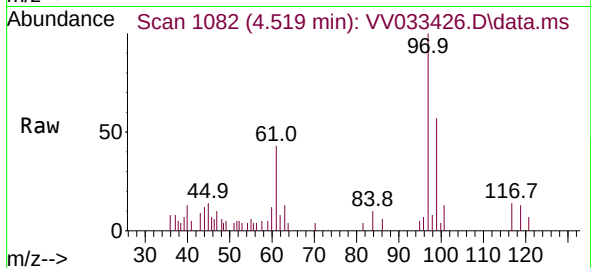
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Instrument :

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Tgt Ion:	97	Resp:	6641
Ion	Ratio	Lower	Upper
97	100		
99	31.0	51.8	77.6#
61	44.3	34.8	52.2



#44

trans-1,3-Dichloropropene

Concen: 0.963 ug/L

RT: 7.554 min Scan# 2026

Delta R.T. -0.026 min

Lab File: VV033426.D

Acq: 16 Dec 2023 11:48

Tgt Ion:	75	Resp:	2307
Ion	Ratio	Lower	Upper
75	100		
77	38.8	22.4	41.6

