

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030824\
 Data File : VV034528.D
 Acq On : 08 Mar 2024 13:51
 Operator : SY/MD
 Sample : P1637-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 08 23:20:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 23:17:44 2024
 Response via : Initial Calibration

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

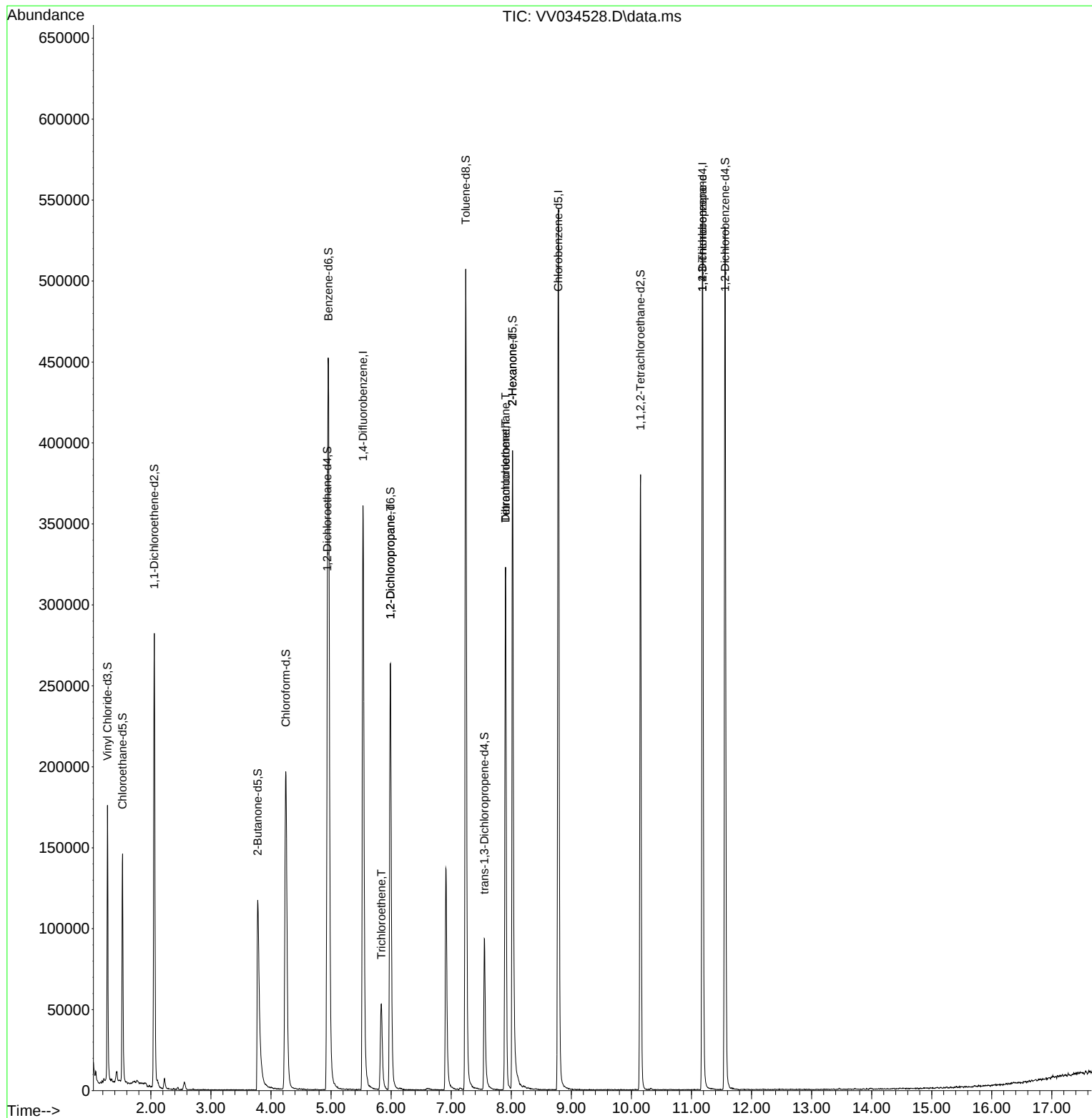
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306719	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	288868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	136648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	100838	37.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.840%
7) Chloroethane-d5	1.529	69	89129	43.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.060%
11) 1,1-Dichloroethene-d2	2.056	65	45970	38.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.460%
21) 2-Butanone-d5	3.780	46	185039	104.064	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.060%
24) Chloroform-d	4.246	84	210238	44.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.440%
26) 1,2-Dichloroethane-d4	4.937	65	145140	47.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	4.956	84	386969	44.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.780%
36) 1,2-Dichloropropane-d6	5.989	67	123880	46.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	7.243	98	337713	42.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.620%
43) trans-1,3-Dichloroprop...	7.551	79	55653	41.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.300%
47) 2-Hexanone-d5	8.021	63	136408	102.672	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.670%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	172469	49.258	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	132152	47.313	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
Target Compounds						
					Qvalue	
34) Trichloroethene	5.837	95	16502	6.475	ug/L	96
37) 1,2-Dichloropropane	5.989	63	15061	6.416	ug/L #	87
46) Tetrachloroethene	7.905	164	69445	36.637	ug/L	97
48) 2-Hexanone	8.021	43	16282	5.903	ug/L #	69
49) Dibromochloromethane	7.905	129	62235	26.037	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	16854	6.461	ug/L #	64

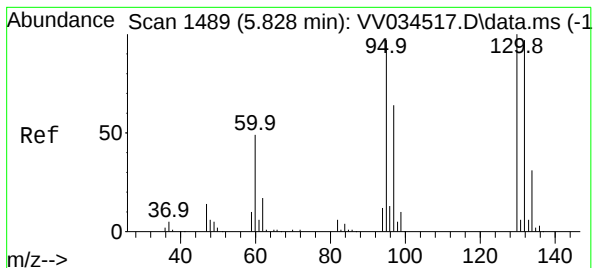
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 08 23:17:44 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 6.475 ug/L

RT: 5.837 min Scan# 1489

Delta R.T. 0.009 min

Lab File: VV034528.D

Acq: 08 Mar 2024 13:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 16502

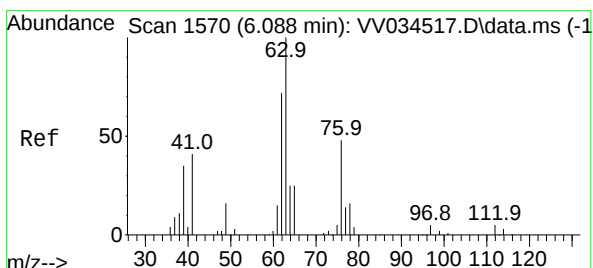
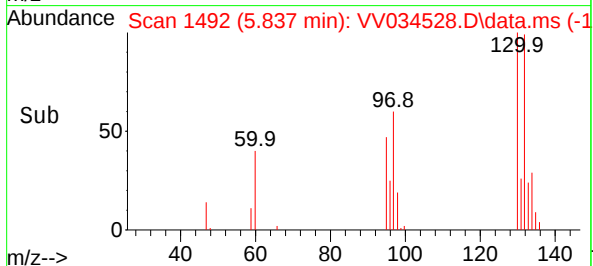
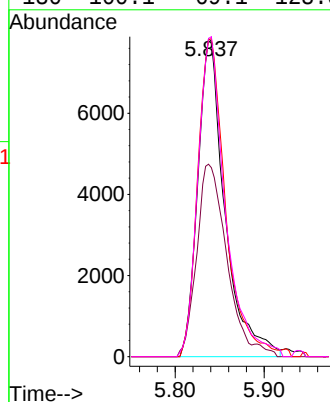
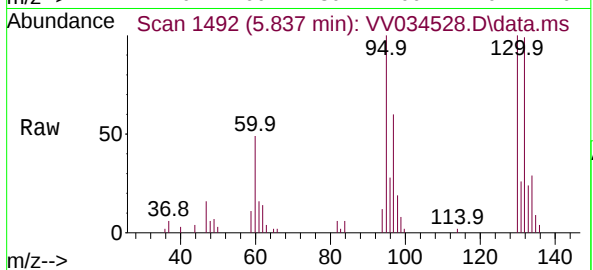
Ion Ratio Lower Upper

95 100

97 60.6 44.7 83.1

132 99.6 65.3 121.3

130 100.1 69.1 128.3



#37

1,2-Dichloropropane

Concen: 6.416 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.100 min

Lab File: VV034528.D

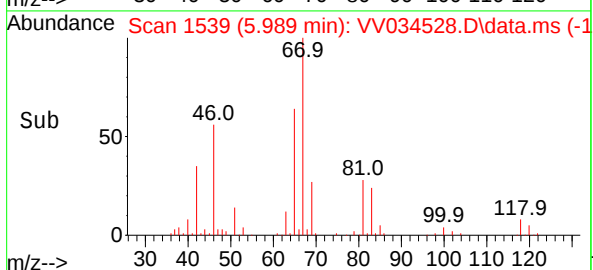
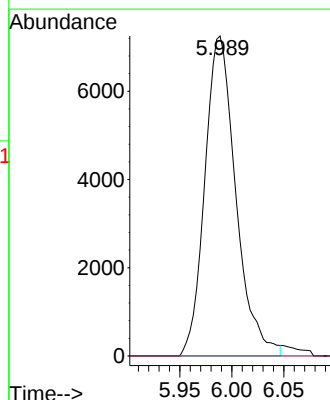
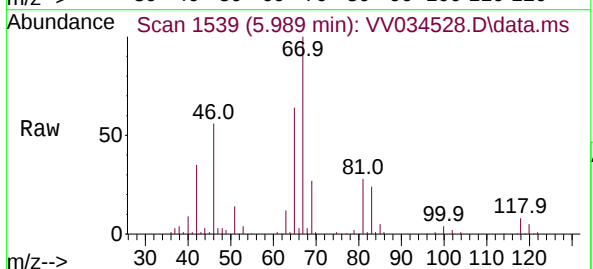
Acq: 08 Mar 2024 13:51

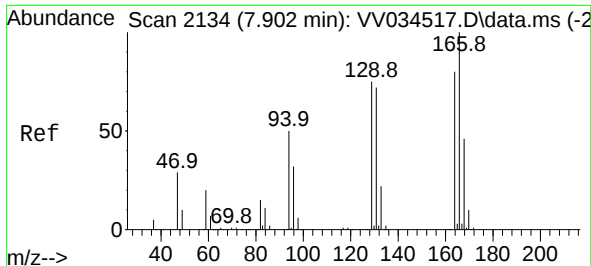
Tgt Ion: 63 Resp: 15061

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#46

Tetrachloroethene

Concen: 36.637 ug/L

RT: 7.905 min Scan# 2134

Delta R.T. 0.003 min

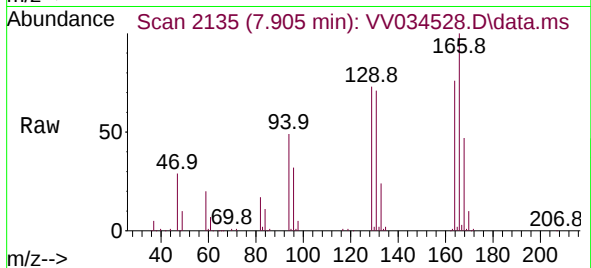
Lab File: VV034528.D

Acq: 08 Mar 2024 13:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 69445

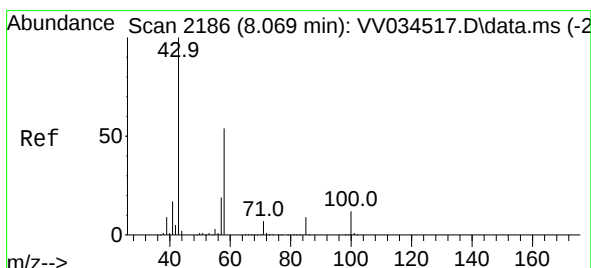
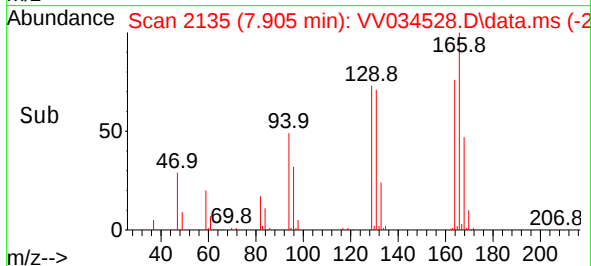
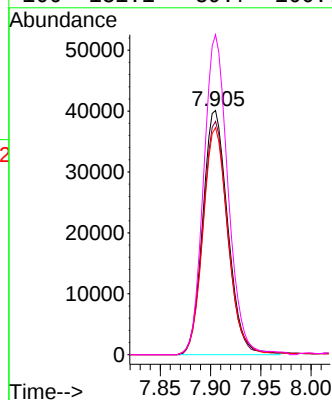
Ion Ratio Lower Upper

164 100

129 95.6 65.7 121.9

131 93.0 62.2 115.6

166 131.1 89.7 166.7



#48

2-Hexanone

Concen: 5.903 ug/L

RT: 8.021 min Scan# 2171

Delta R.T. -0.048 min

Lab File: VV034528.D

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Tgt Ion: 43 Resp: 16282

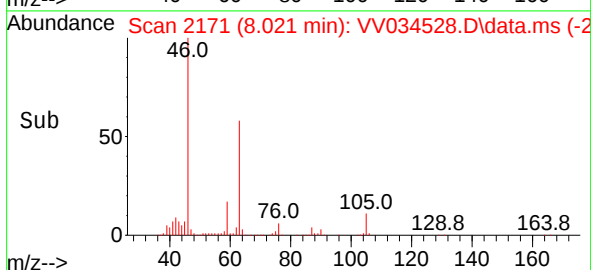
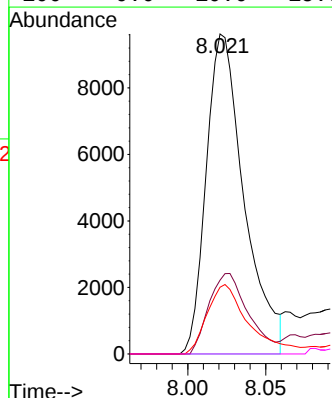
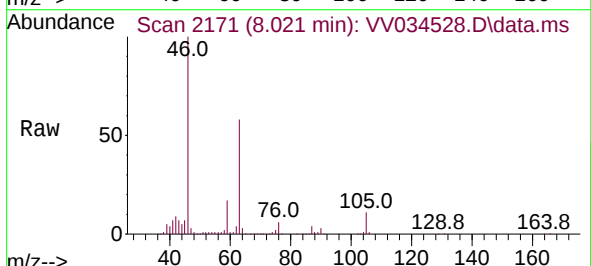
Ion Ratio Lower Upper

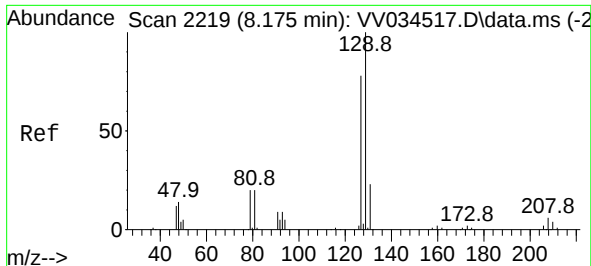
43 100

58 26.0 42.0 63.0#

57 23.7 15.2 22.8#

100 0.0 10.0 15.0#





#49

Dibromochloromethane

Concen: 26.037 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034528.D

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Instrument :

MSVOA_V

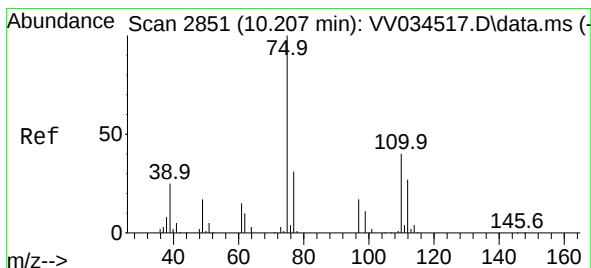
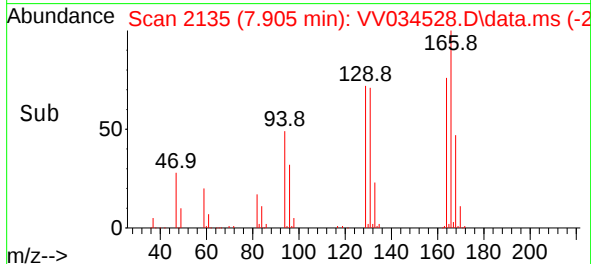
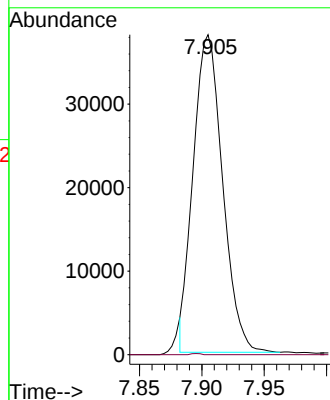
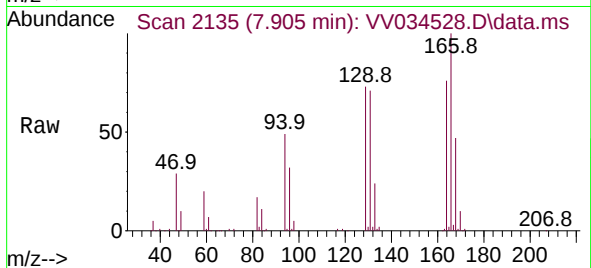
ClientSampleId :

Tgt Ion:129 Resp: 62235

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#61

1,2,3-Trichloropropane

Concen: 6.461 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV034528.D

Acq: 08 Mar 2024 13:51

Tgt Ion: 75 Resp: 16854

Ion Ratio Lower Upper

75 100

77 34.3 25.9 38.9

110 2.6 33.1 49.7#

