

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052876.D
 Acq On : 31 Jan 2023 13:45
 Operator : JC/MD
 Sample : 01314-03DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:55:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

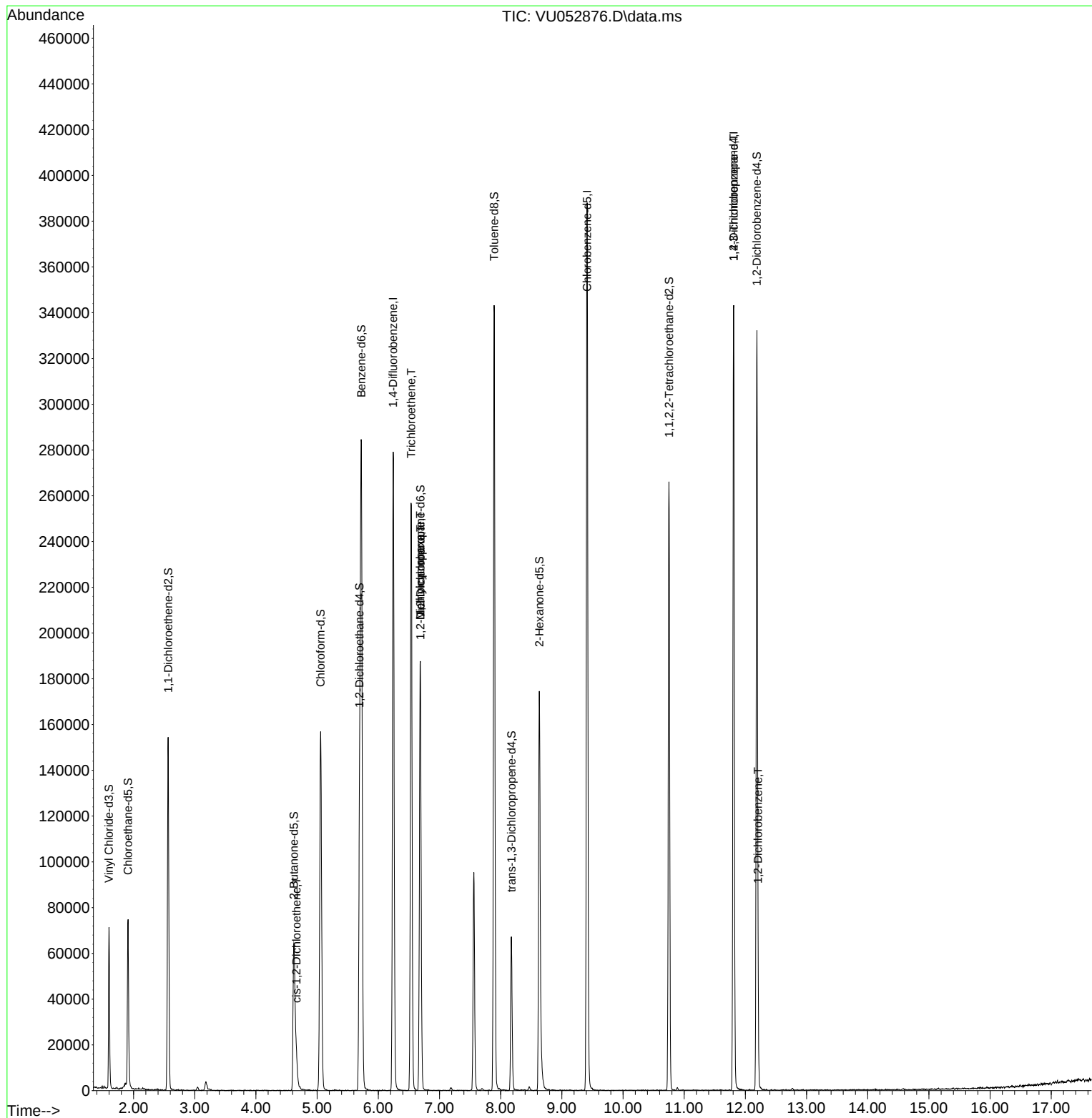
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	231348	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	221833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52854	31.742	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.480%	
7) Chloroethane-d5	1.909	69	56464	41.153	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.300%	
11) 1,1-Dichloroethene-d2	2.565	63	90853	27.432	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	54.860%#	
21) 2-Butanone-d5	4.620	46	88883	86.408	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	86.410%	
24) Chloroform-d	5.057	84	150465	42.340	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.680%	
26) 1,2-Dichloroethane-d4	5.694	65	97519	42.977	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.960%	
32) Benzene-d6	5.723	84	267046	39.403	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.687	67	84617	42.570	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	85.140%	
41) Toluene-d8	7.893	98	227058	36.792	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	73.580%#	
43) trans-1,3-Dichloroprop...	8.176	79	38866	39.012	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.020%	
47) 2-Hexanone-d5	8.632	63	55487	79.447	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	79.450%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	122675	41.772	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.540%	
66) 1,2-Dichlorobenzene-d4	12.189	152	88683	47.261	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.520%	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	4210	2.132	ug/L	91
34) Trichloroethene	6.536	95	86708	45.177	ug/L	98
35) Methylcyclohexane	6.684	83	22773	7.497	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	9891	5.328	ug/L #	85
60) 1,2,3-Trichloropropane	11.809	75	9944	5.305	ug/L #	64
67) 1,2-Dichlorobenzene	12.208	146	4848	1.522	ug/L	98

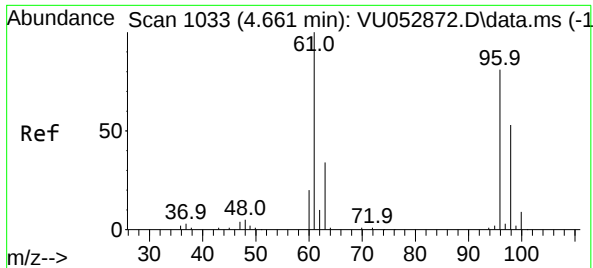
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
Response via : Initial Calibration

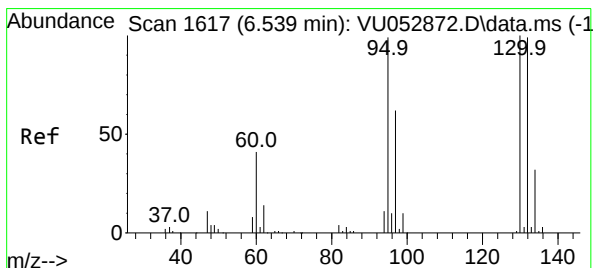
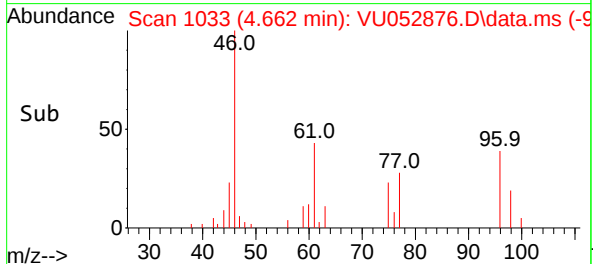
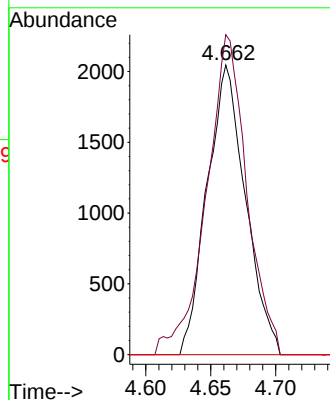
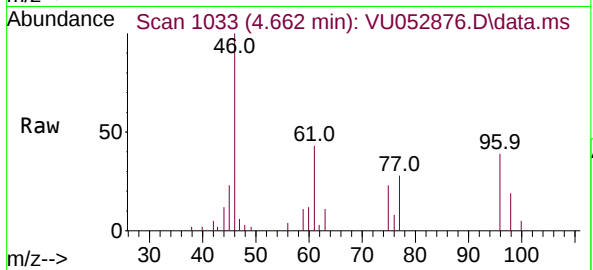




#20
 cis-1,2-Dichloroethene
 Concen: 2.132 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052876.D
 Acq: 31 Jan 2023 13:45

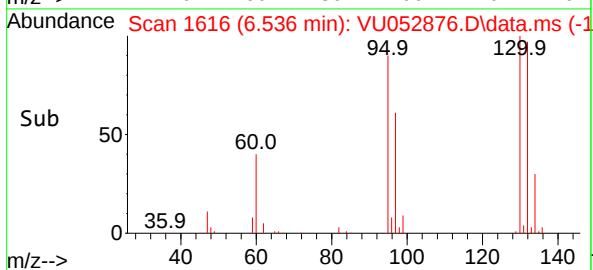
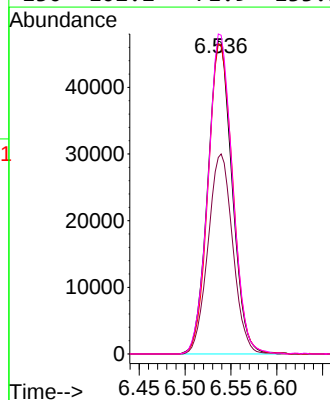
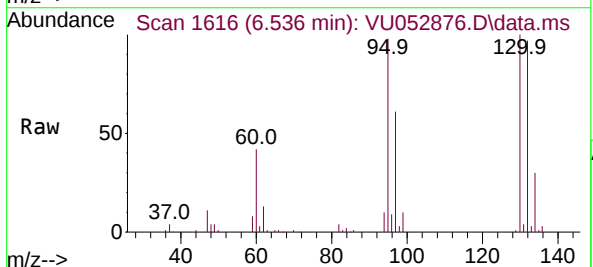
Instrument :
 MSVOA_U
 ClientSampleId :

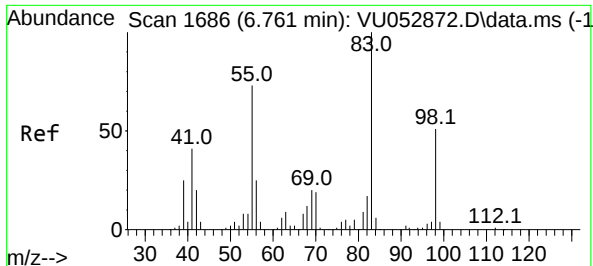
Tgt Ion: 96 Resp: 4210
 Ion Ratio Lower Upper
 96 100
 61 110.5 84.1 156.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 45.177 ug/L
 RT: 6.536 min Scan# 1616
 Delta R.T. -0.003 min
 Lab File: VU052876.D
 Acq: 31 Jan 2023 13:45

Tgt Ion: 95 Resp: 86708
 Ion Ratio Lower Upper
 95 100
 97 62.8 44.5 82.7
 132 99.0 66.8 124.0
 130 102.2 71.9 133.5





#35

Methylcyclohexane

Concen: 7.497 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU052876.D

Acq: 31 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

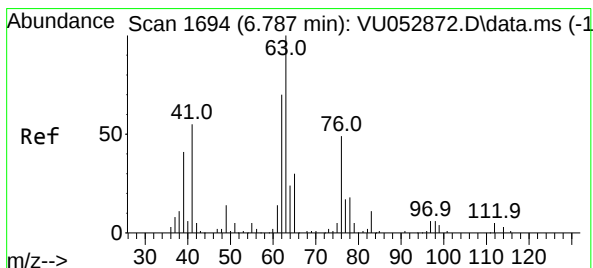
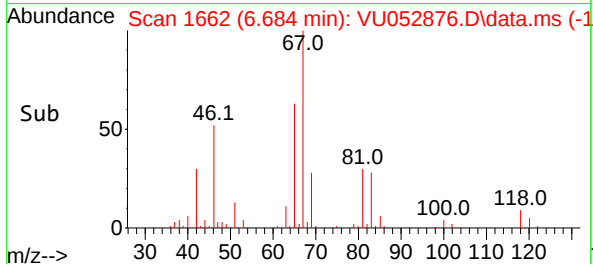
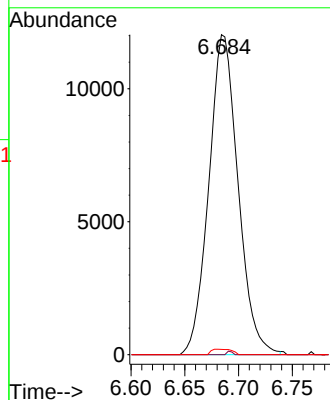
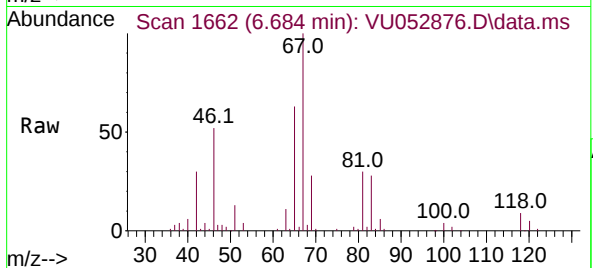
Tgt Ion: 83 Resp: 22773

Ion Ratio Lower Upper

83 100

55 0.2 57.1 85.7#

98 1.2 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 5.328 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.096 min

Lab File: VU052876.D

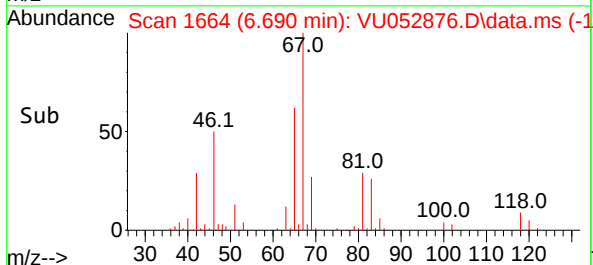
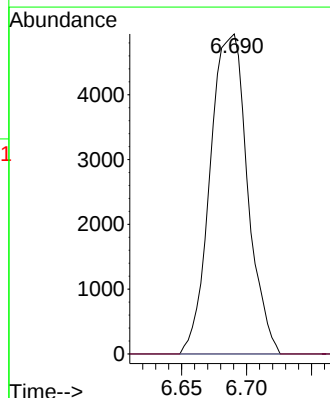
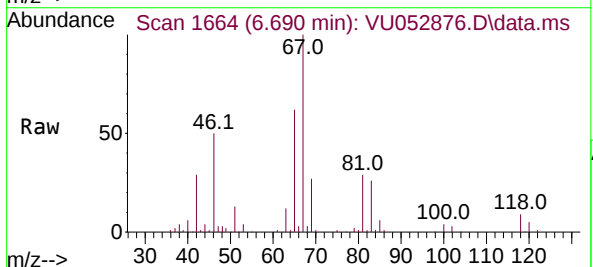
Acq: 31 Jan 2023 13:45

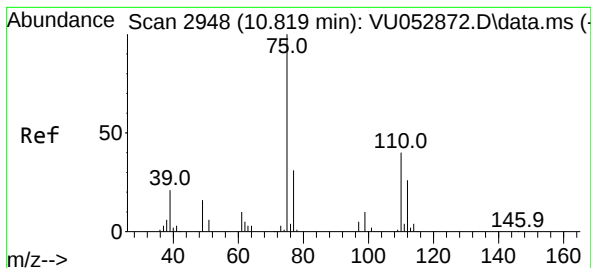
Tgt Ion: 63 Resp: 9891

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#60

1,2,3-Trichloropropane

Concen: 5.305 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU052876.D

Acq: 31 Jan 2023 13:45

Instrument :

MSVOA_U

ClientSampleId :

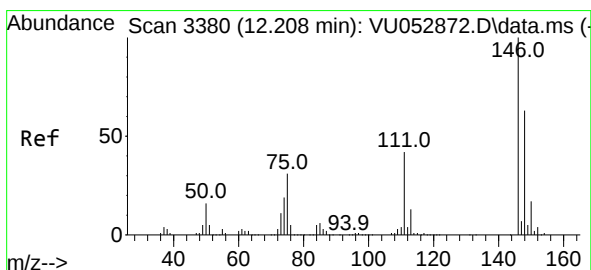
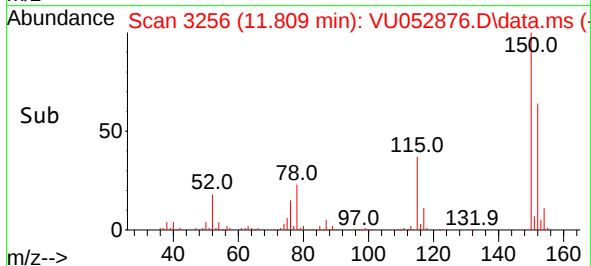
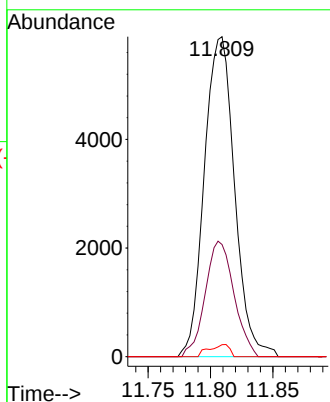
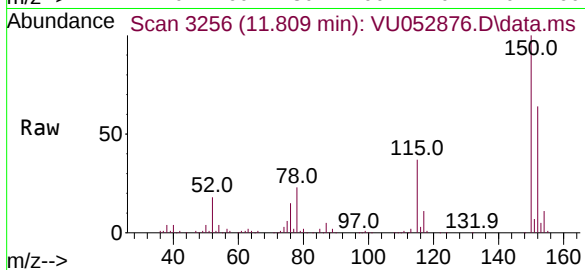
Tgt Ion: 75 Resp: 9944

Ion Ratio Lower Upper

75 100

77 34.3 25.8 38.8

110 1.8 32.4 48.6#



#67

1,2-Dichlorobenzene

Concen: 1.522 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU052876.D

Acq: 31 Jan 2023 13:45

Tgt Ion:146 Resp: 4848

Ion Ratio Lower Upper

146 100

111 40.3 33.2 49.8

148 61.8 50.2 75.4

