

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082624\
 Data File : VU060544.D
 Acq On : 26 Aug 2024 12:31
 Operator : MD/SY
 Sample : P3711-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 27 05:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 27 05:49:06 2024
 Response via : Initial Calibration

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

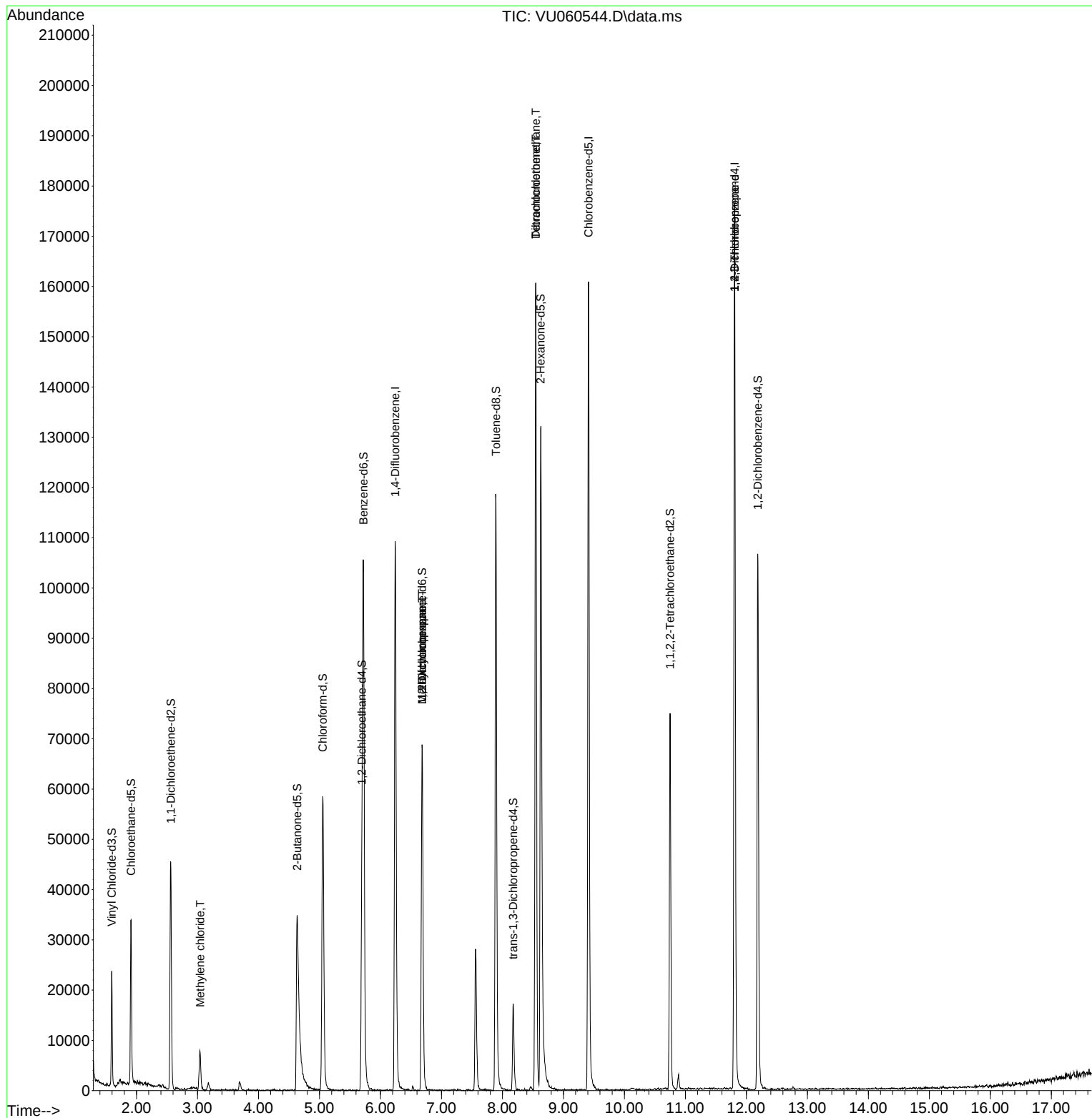
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	94292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15352	3.808	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.911	69	25222	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.563	65	9116	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.634	46	66712	48.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.240%
24) Chloroform-d	5.055	84	55948	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	31131	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.721	84	98103	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	32837	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.894	98	82092	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	11057	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	47173	41.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38582	6.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.400%#
66) 1,2-Dichlorobenzene-d4	12.187	152	31160	4.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds			Qvalue			
16) Methylene chloride	3.042	84	3427	0.472	ug/L	88
35) Methylcyclohexane	6.685	83	7911	0.711	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3788	0.494	ug/L #	91
47) Tetrachloroethene	8.547	164	36241	5.454	ug/L	98
49) Dibromochloromethane	8.547	129	34651	5.392	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	5877	1.212	ug/L #	65

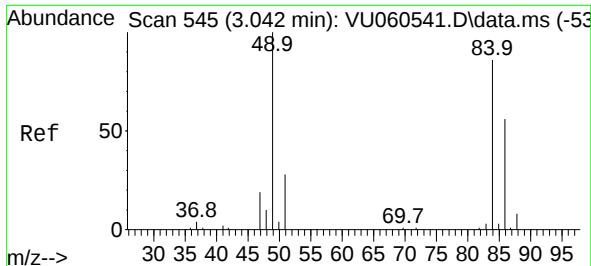
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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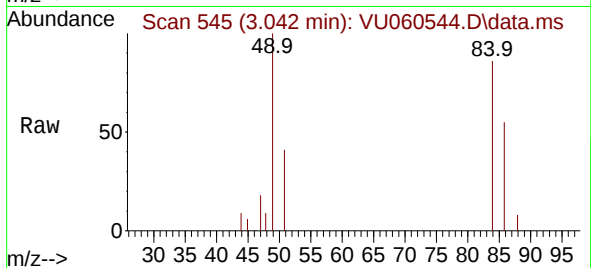
Quant Time: Aug 27 05:50:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
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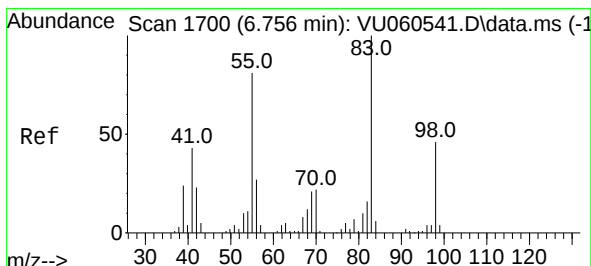
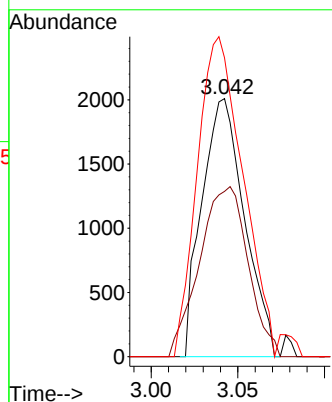
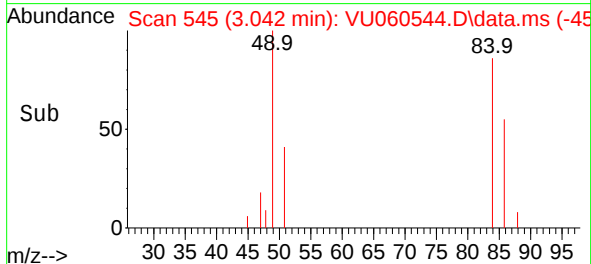


#16
Methylene chloride
Concen: 0.472 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU060544.D
Acq: 26 Aug 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :

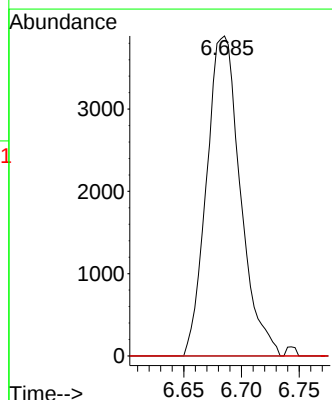
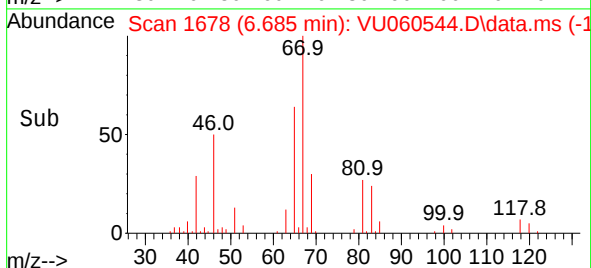
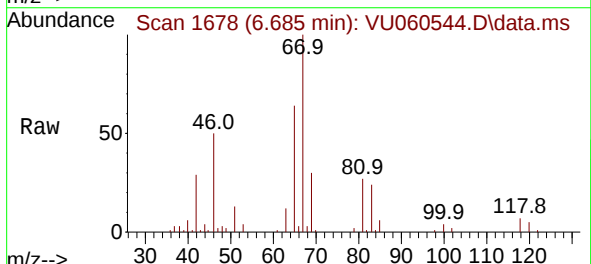


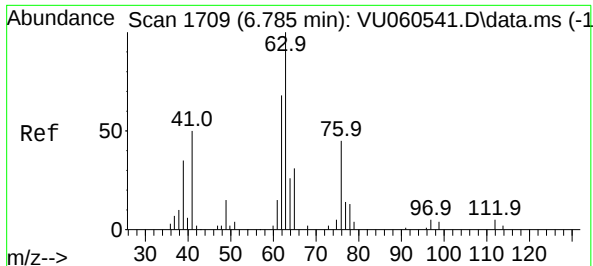
Tgt Ion: 84 Resp: 3427
Ion Ratio Lower Upper
84 100
86 64.0 47.5 88.3
49 115.8 94.4 175.2



#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060544.D
Acq: 26 Aug 2024 12:31

Tgt Ion: 83 Resp: 7911
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.8#
98 0.6 37.8 56.8#

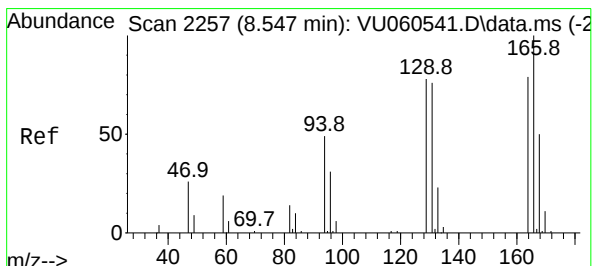
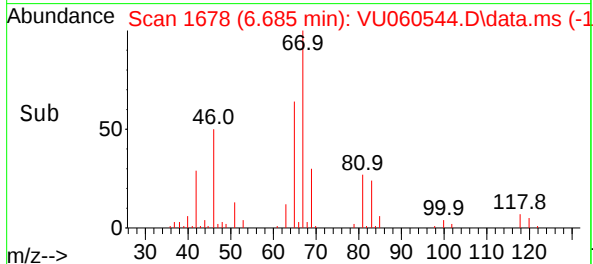
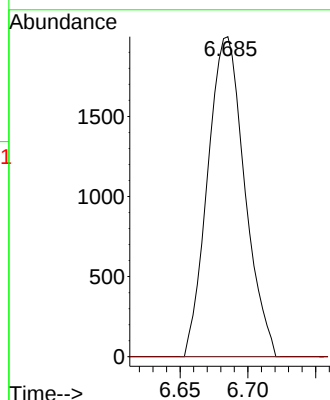
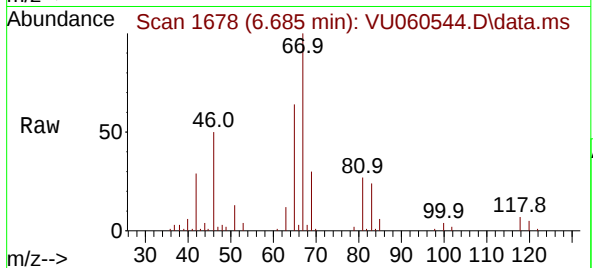




#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060544.D
Acq: 26 Aug 2024 12:31

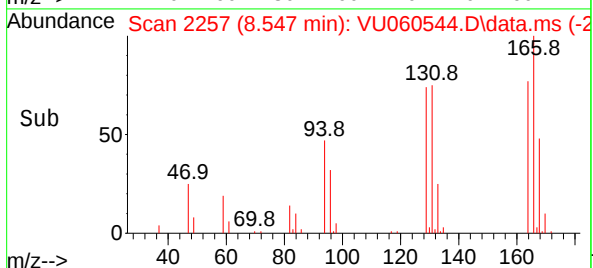
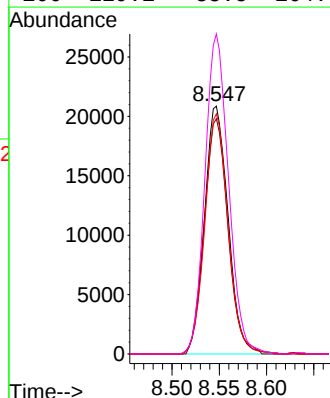
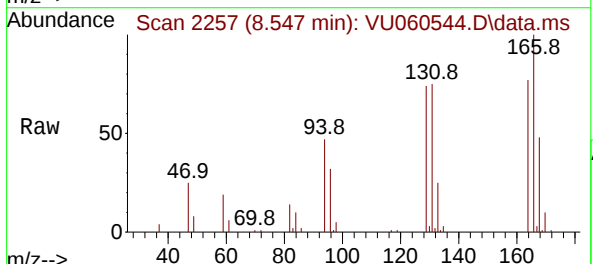
Instrument :
MSVOA_U
ClientSampleId :

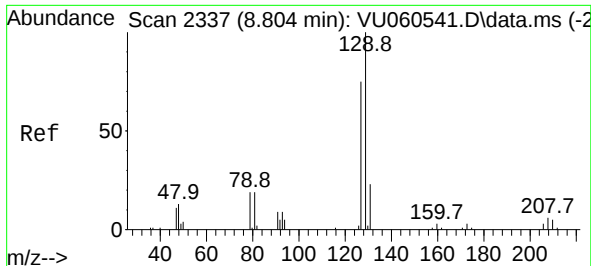
Tgt Ion: 63 Resp: 3788
Ion Ratio Lower Upper
63 100
112 0.0 2.3 3.5#



#47
Tetrachloroethene
Concen: 5.454 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060544.D
Acq: 26 Aug 2024 12:31

Tgt Ion:164 Resp: 36241
Ion Ratio Lower Upper
164 100
129 94.9 67.8 125.8
131 96.9 67.2 124.8
166 129.1 88.5 164.4





#49

Dibromochloromethane

Concen: 5.392 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060544.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_U

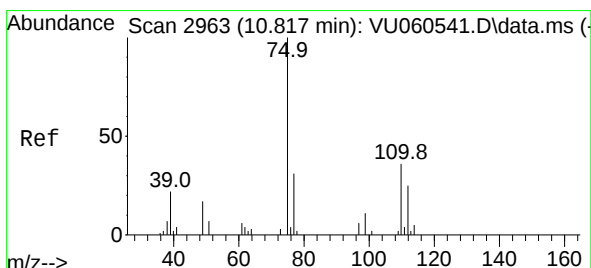
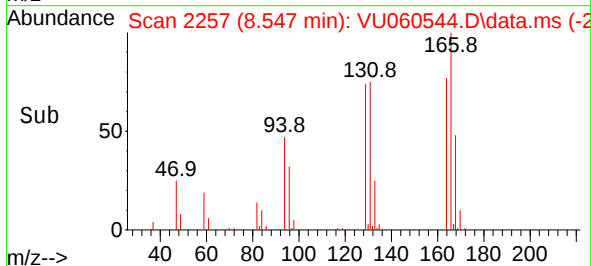
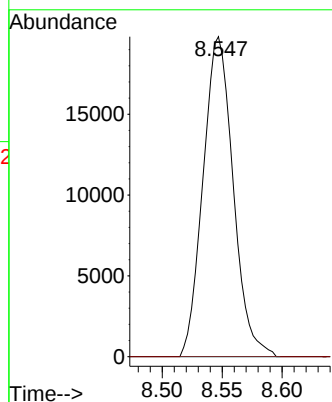
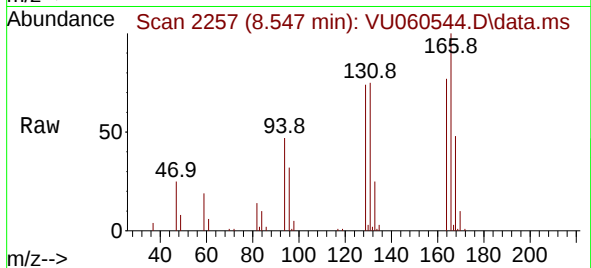
ClientSampleId :

Tgt Ion:129 Resp: 34651

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



#61

1,2,3-Trichloropropane

Concen: 1.212 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060544.D

Acq: 26 Aug 2024 12:31

Tgt Ion: 75 Resp: 5877

Ion Ratio Lower Upper

75 100

110 0.4 30.2 45.4#

77 30.1 25.4 38.2

