

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057005.D
 Acq On : 18 Dec 2023 19:59
 Operator : MD/SY
 Sample : 05811-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B41

Quant Time: Dec 19 01:44:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

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

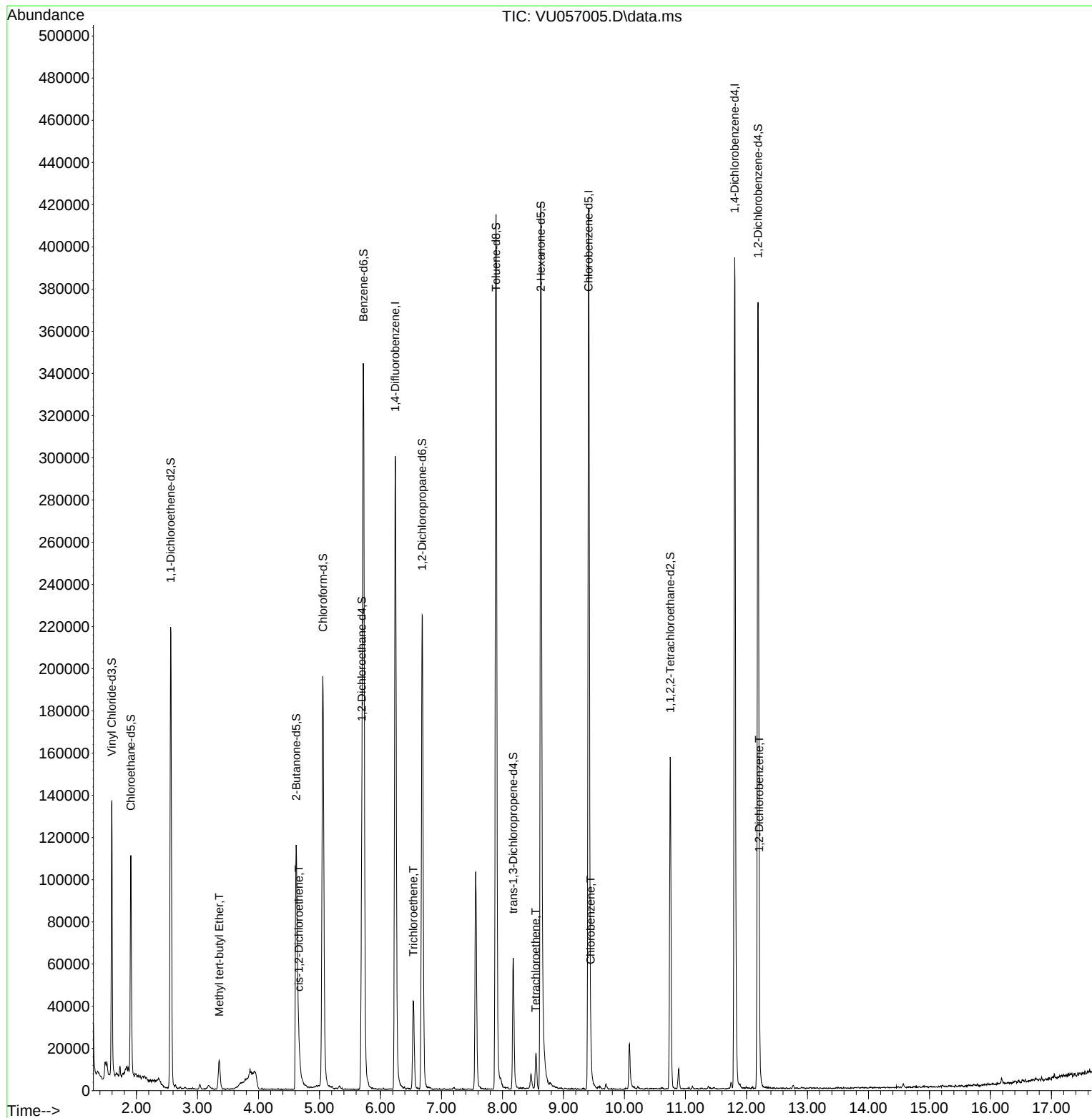
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	244634	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91713	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.908	69	77942	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.560	65	42678	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.618	46	182623	44.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.200%
24) Chloroform-d	5.055	84	186459	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.695	65	82993	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.721	84	336275	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	111063	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	293552	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	38282	4.227	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.627	63	143505	42.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82058	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	100127	4.770	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.358	73	13186	0.299	ug/L #	91
22) cis-1,2-Dichloroethene	4.663	96	3170	0.145	ug/L	95
34) Trichloroethene	6.538	95	15496	0.668	ug/L	98
47) Tetrachloroethene	8.544	164	3987	0.246	ug/L	84
51) Chlorobenzene	9.444	112	7486	0.134	ug/L #	89
67) 1,2-Dichlorobenzene	12.209	146	7153	0.197	ug/L	91

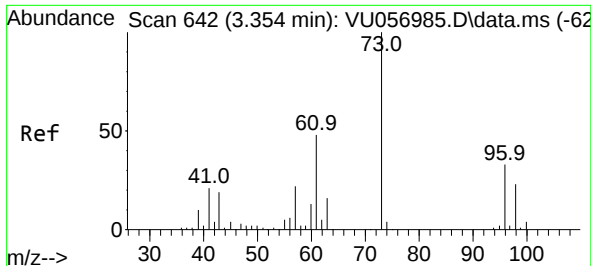
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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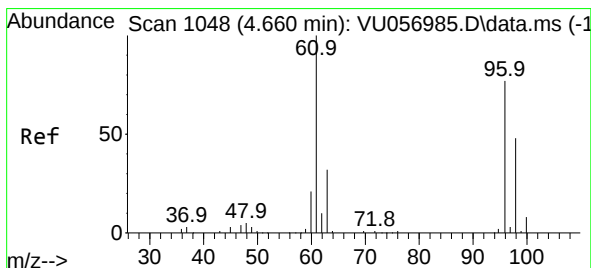
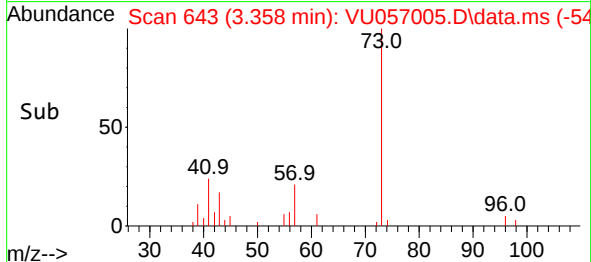
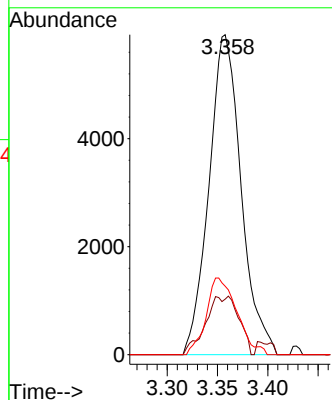
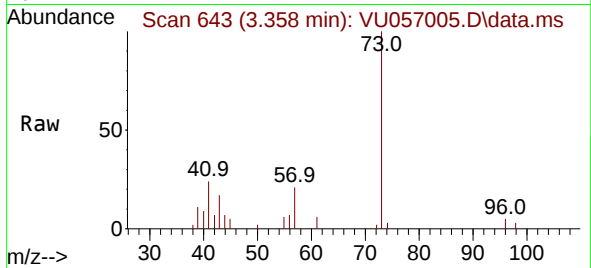




#17
Methyl tert-butyl Ether
Concen: 0.299 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU057005.D
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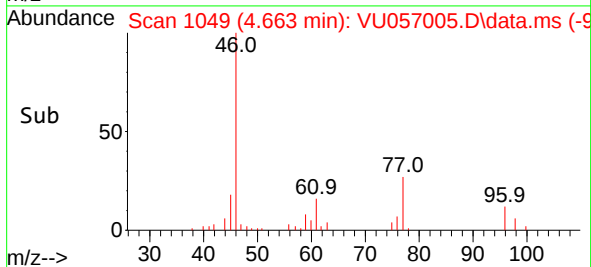
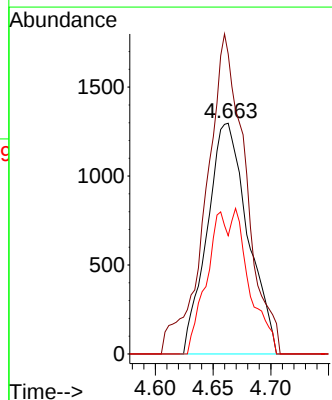
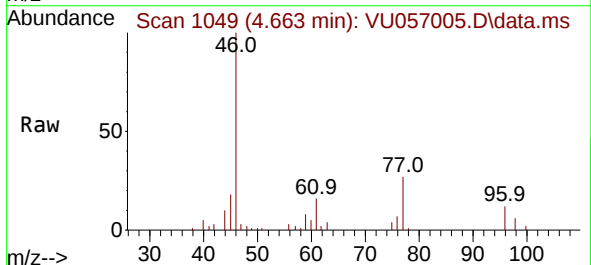
Instrument :
MSVOA_U
ClientSampleId :
F7B41

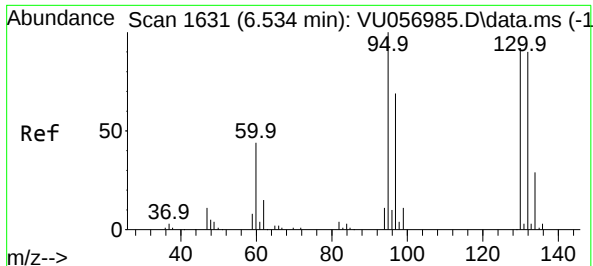
Tgt Ion: 73 Resp: 13186
Ion Ratio Lower Upper
73 100
43 10.1 14.4 21.6#
57 22.8 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.145 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU057005.D
Acq: 18 Dec 2023 19:59

Tgt Ion: 96 Resp: 3170
Ion Ratio Lower Upper
96 100
61 130.1 91.3 169.6
98 51.3 44.2 82.0

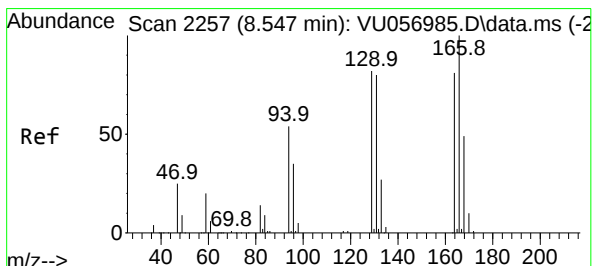
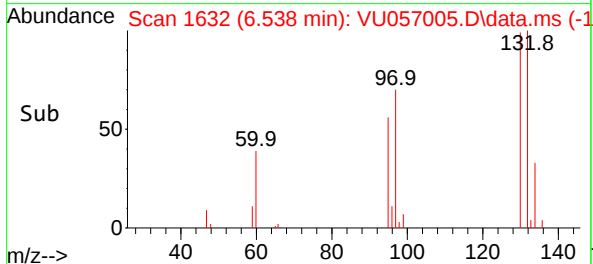
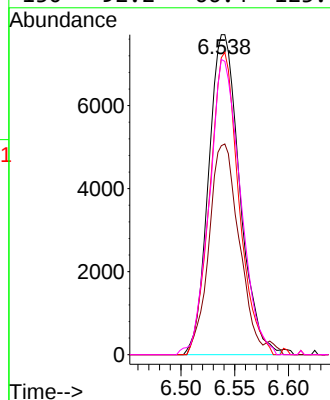
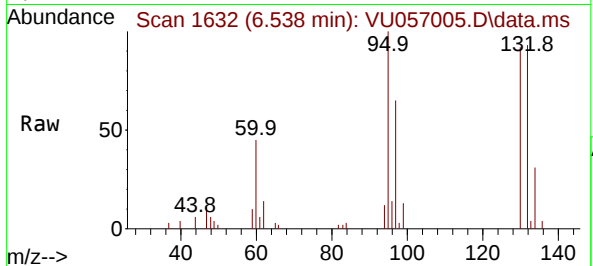




#34
Trichloroethene
Concen: 0.668 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057005.D
Acq: 18 Dec 2023 19:59

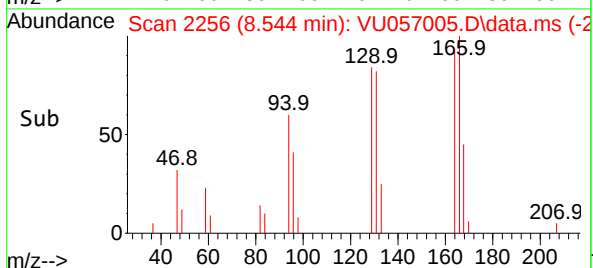
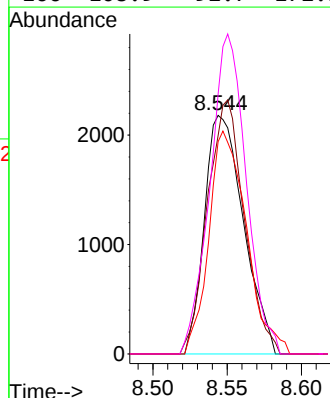
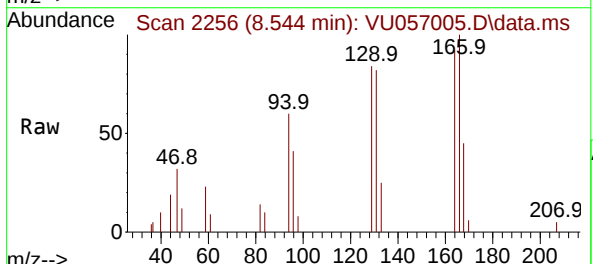
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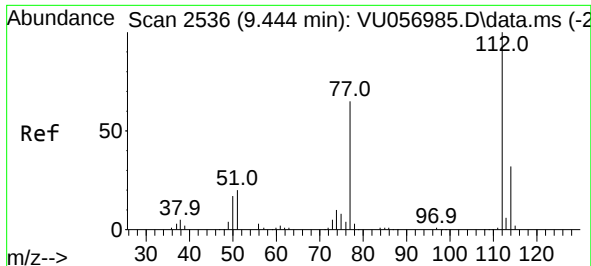
Tgt Ion:	95	Resp:	15496
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.1	85.5
132	92.8	63.6	118.0
130	92.2	66.4	123.4



#47
Tetrachloroethene
Concen: 0.246 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU057005.D
Acq: 18 Dec 2023 19:59

Tgt Ion:	164	Resp:	3987
Ion	Ratio	Lower	Upper
164	100		
129	91.5	73.4	136.4
131	89.0	71.5	132.9
166	108.9	92.7	172.1

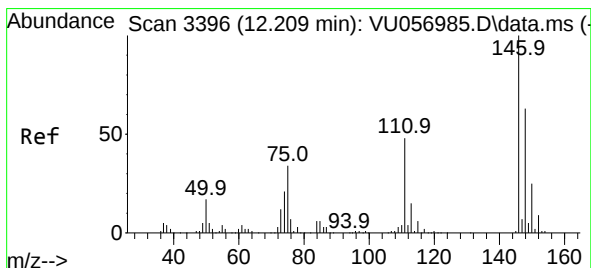
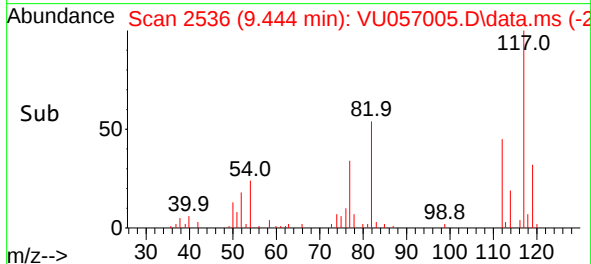
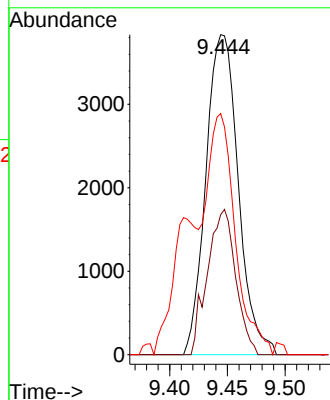
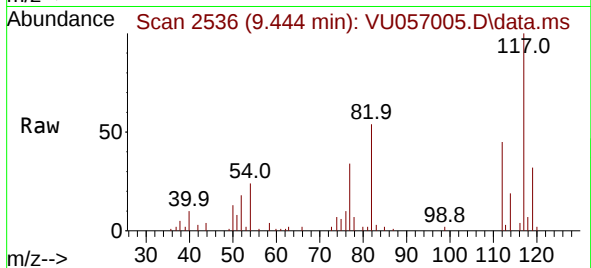




#51
Chlorobenzene
Concen: 0.134 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057005.D
Acq: 18 Dec 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :
F7B41

Tgt Ion:112 Resp: 7486
Ion Ratio Lower Upper
112 100
114 41.1 21.9 40.7#
77 70.7 51.6 77.4



#67
1,2-Dichlorobenzene
Concen: 0.197 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU057005.D
Acq: 18 Dec 2023 19:59

Tgt Ion:146 Resp: 7153
Ion Ratio Lower Upper
146 100
111 55.2 36.9 55.3
148 61.8 53.0 79.4

