

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051086.D
 Acq On : 03 Oct 2022 16:42
 Operator : JC/MD
 Sample : N4869-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J46

Quant Time: Oct 03 23:33:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

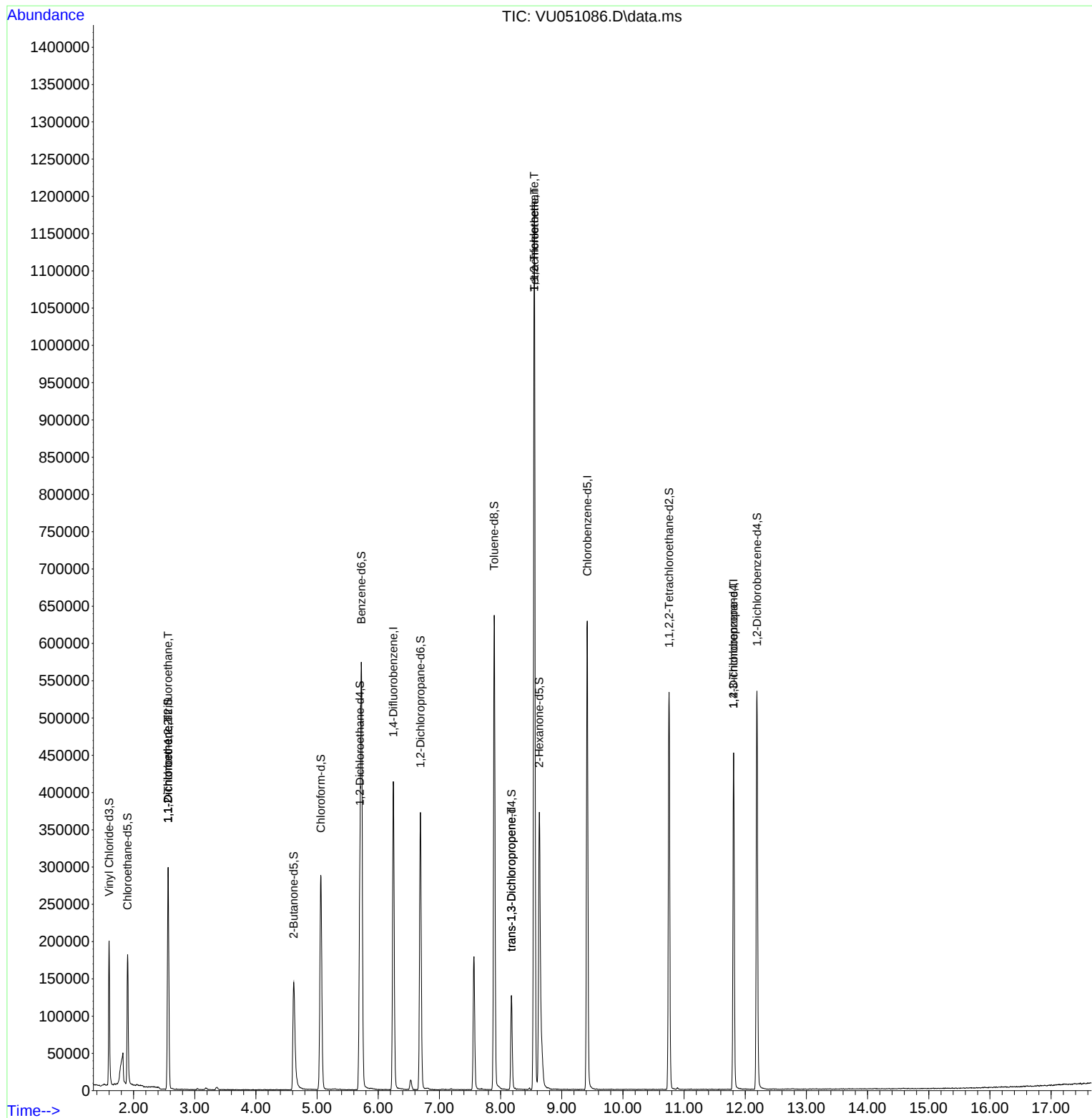
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	328736	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	348457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	144865	43.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.960%
7) Chloroethane-d5	1.903	69	130793	42.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	2.565	63	176198	35.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.600%
21) 2-Butanone-d5	4.616	46	207273	95.924	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.920%
24) Chloroform-d	5.063	84	266966	49.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	5.700	65	175399	52.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.580%
32) Benzene-d6	5.726	84	528882	51.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.660%
36) 1,2-Dichloropropane-d6	6.690	67	180034	54.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.740%
41) Toluene-d8	7.896	98	427336	45.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.660%
43) trans-1,3-Dichloroprop...	8.179	79	69072	43.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.480%
47) 2-Hexanone-d5	8.632	63	108304	81.006	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.010%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	276732	47.821	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.640%
66) 1,2-Dichlorobenzene-d4	12.192	152	142651	55.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2052	0.818	ug/L #	24
12) 1,1-Dichloroethene	2.565	96	1277	0.545	ug/L #	1
44) trans-1,3-Dichloropropene	8.176	75	3218	0.786	ug/L	86
45) 1,1,2-Trichloroethane	8.549	97	2070	0.668	ug/L #	1
46) Tetrachloroethene	8.552	164	259892	124.636	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	14956	4.740	ug/L #	66

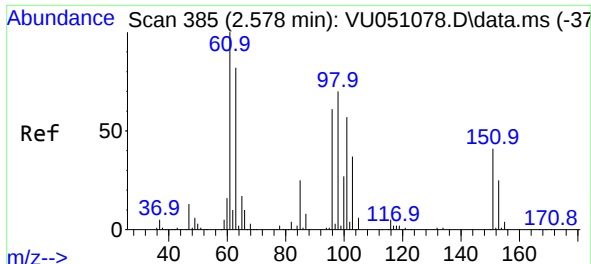
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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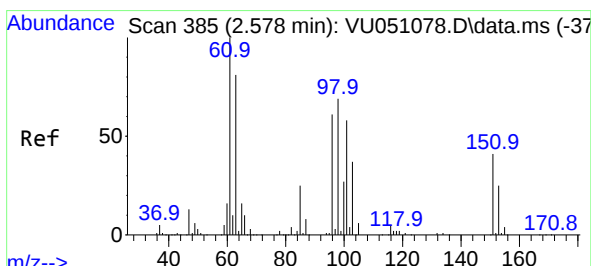
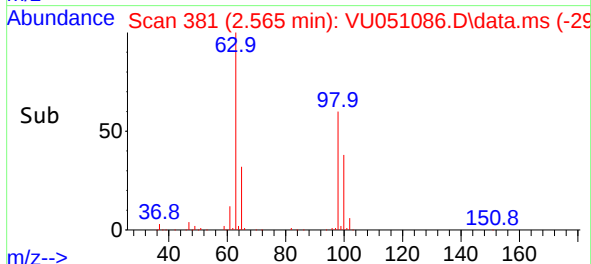
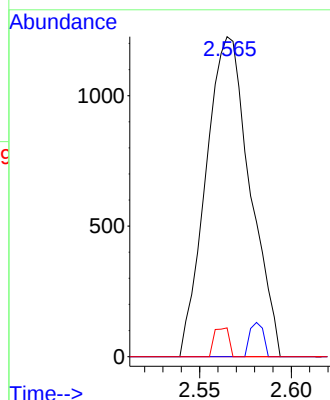
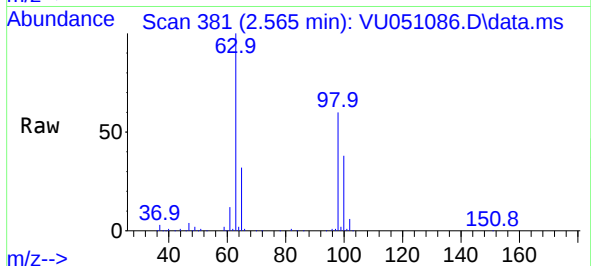




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.818 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051086.D
Acq: 03 Oct 2022 16:42

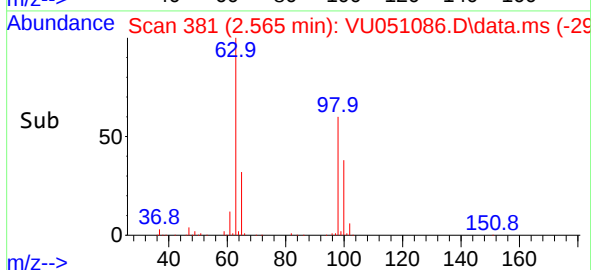
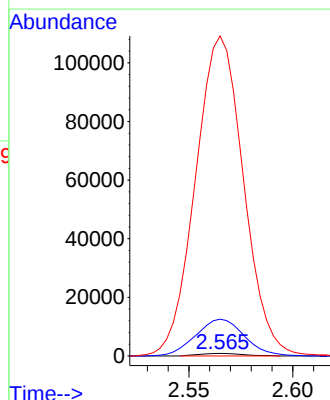
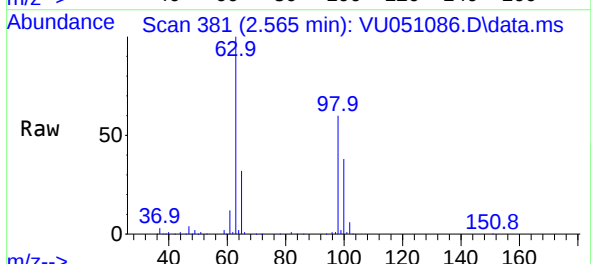
Instrument :
MSVOA_U
ClientSampleId :
F5J46

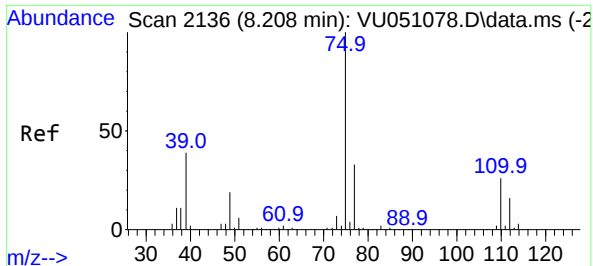
Tgt Ion:101 Resp: 2052
Ion Ratio Lower Upper
101 100
85 3.3 34.6 52.0#
151 3.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.545 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051086.D
Acq: 03 Oct 2022 16:42

Tgt Ion: 96 Resp: 1277
Ion Ratio Lower Upper
96 100
61 1454.1 113.0 209.9#
63 12636.1 91.7 170.3#

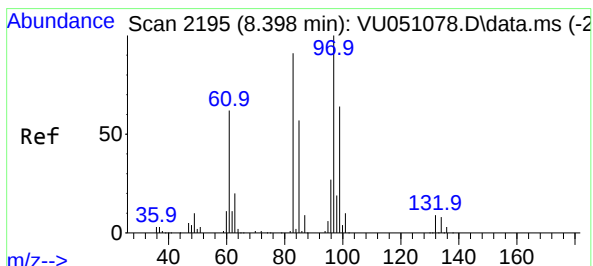
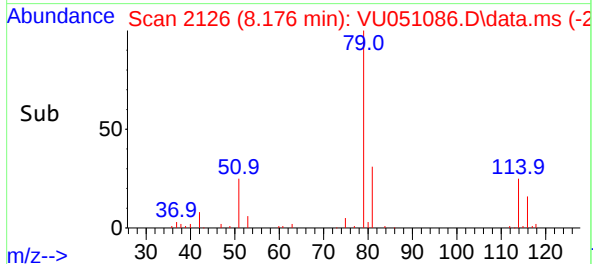
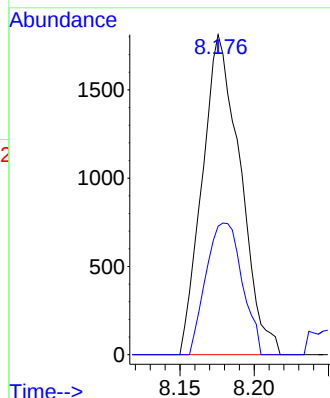
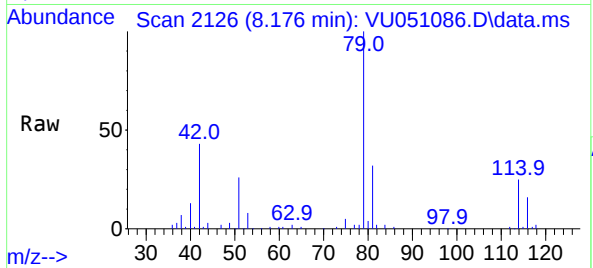




#44
trans-1,3-Dichloropropene
Concen: 0.786 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051086.D
Acq: 03 Oct 2022 16:42

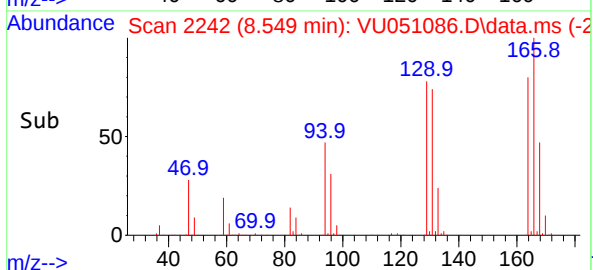
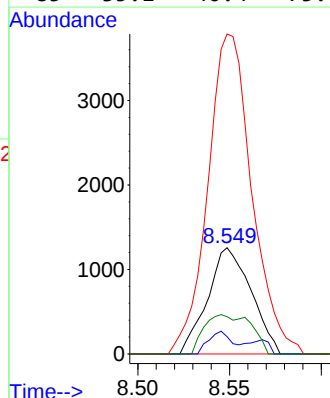
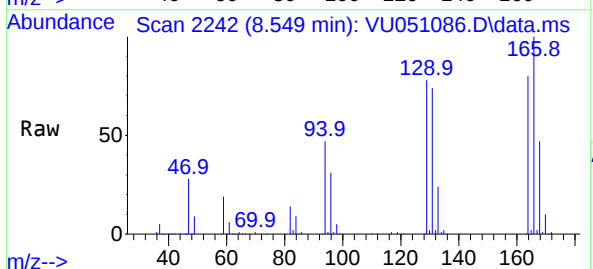
Instrument :
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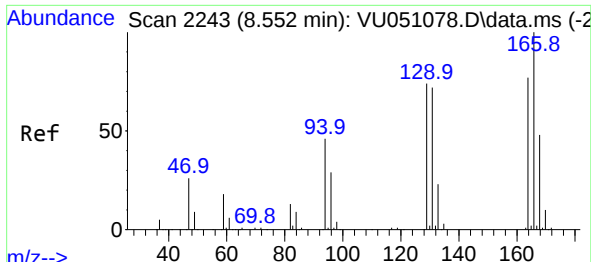
Tgt Ion: 75 Resp: 3218
Ion Ratio Lower Upper
75 100
77 40.2 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.668 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.151 min
Lab File: VU051086.D
Acq: 03 Oct 2022 16:42

Tgt Ion: 97 Resp: 2070
Ion Ratio Lower Upper
97 100
99 16.3 44.4 82.4#
83 301.4 61.7 114.5#
85 35.1 40.4 75.0#

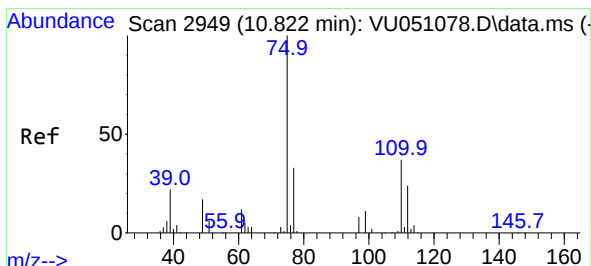
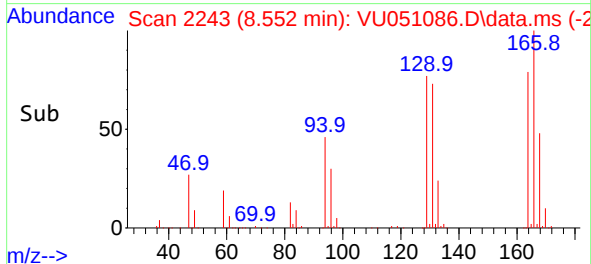
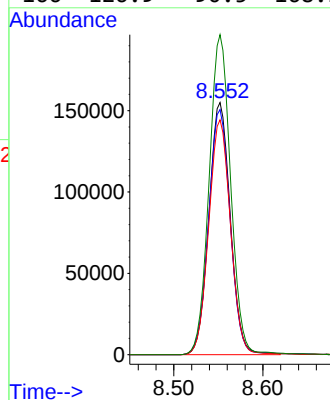
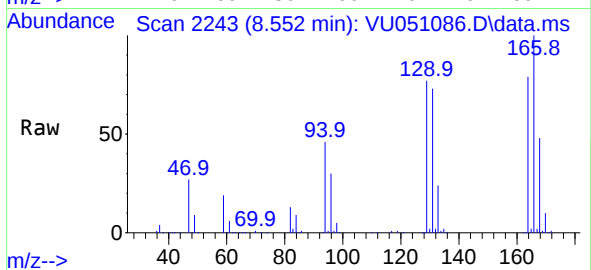




#46
Tetrachloroethene
Concen: 124.636 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051086.D
Acq: 03 Oct 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
F5J46

Tgt Ion:164 Resp: 259892
Ion Ratio Lower Upper
164 100
129 97.2 68.1 126.5
131 93.1 67.8 126.0
166 126.9 90.5 168.1



#60
1,2,3-Trichloropropane
Concen: 4.740 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051086.D
Acq: 03 Oct 2022 16:42

Tgt Ion: 75 Resp: 14956
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
110 0.8 30.0 45.0#

