

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053918.D
 Acq On : 26 Apr 2023 16:54
 Operator : JC/MD
 Sample : 02488-05 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE61

Quant Time: Apr 27 05:56:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

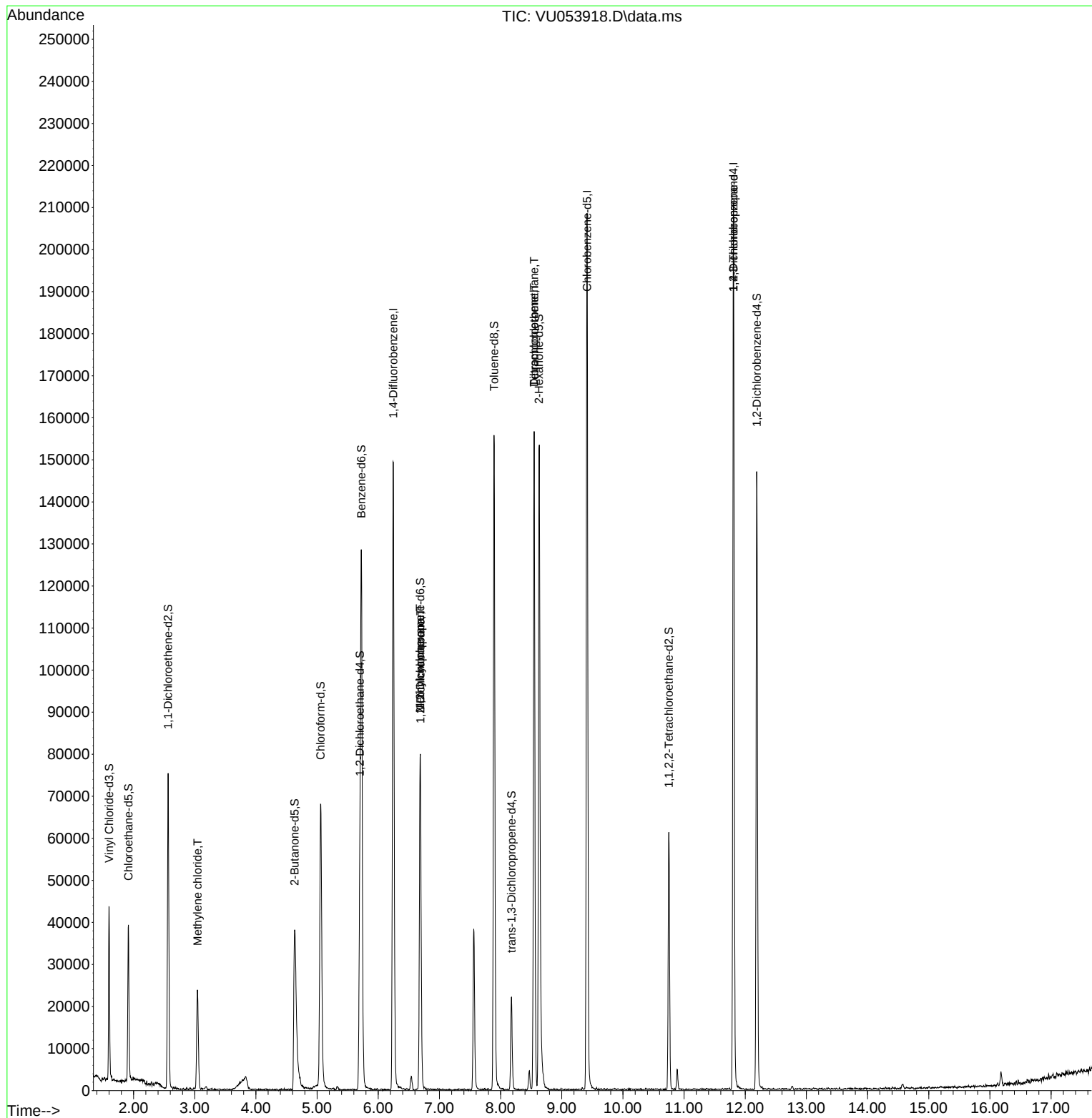
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	130484	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	124992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32249	4.057	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.916	69	28317	4.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.565	65	13541	4.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.633	46	71714	49.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	5.057	84	66248	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.700	65	29706	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.726	84	127778	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	41713	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.893	98	111338	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.179	79	14087	4.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.629	63	56814	45.824	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.640%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	31282	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	40902	4.285	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	12993	1.160	ug/L	94
35) Methylcyclohexane	6.684	83	9472	0.639	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	4356	0.498	ug/L #	87
47) Tetrachloroethene	8.549	164	34212	4.496	ug/L	95
49) Dibromochloromethane	8.549	129	32793	4.727	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	6697	1.459	ug/L #	67

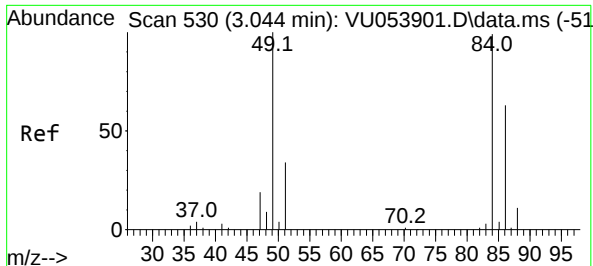
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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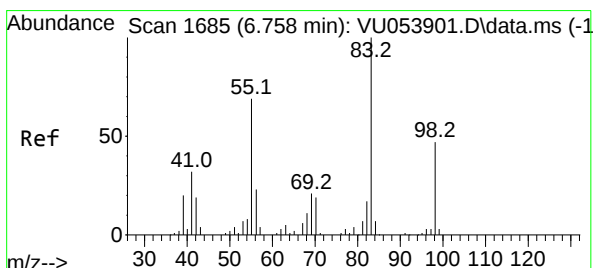
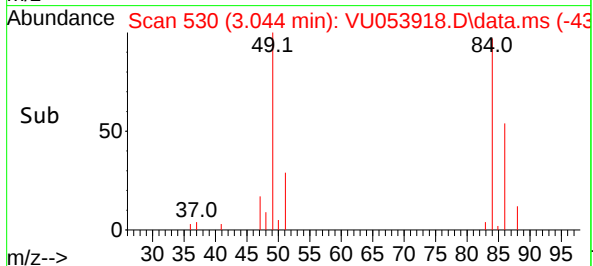
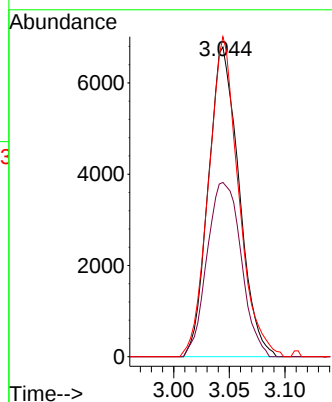
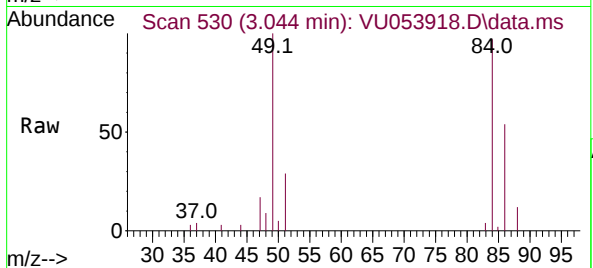




#16
Methylene chloride
Concen: 1.160 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053918.D
Acq: 26 Apr 2023 16:54

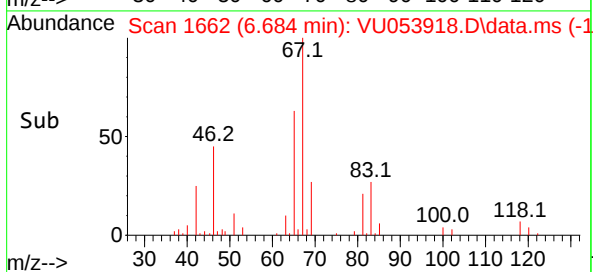
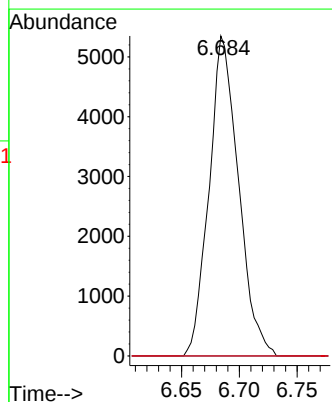
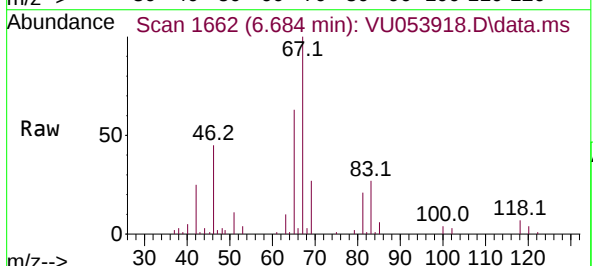
Instrument :
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ClientSampleId :
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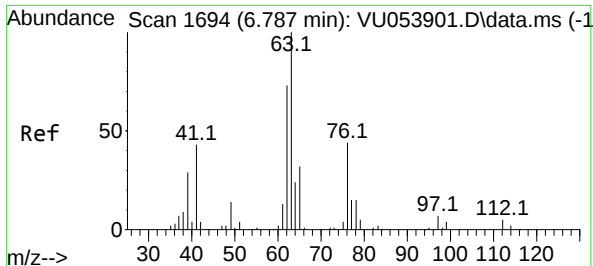
Tgt Ion: 84 Resp: 12993
Ion Ratio Lower Upper
84 100
86 56.3 45.0 83.6
49 103.3 74.8 138.8



#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053918.D
Acq: 26 Apr 2023 16:54

Tgt Ion: 83 Resp: 9472
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.2 37.3 55.9#

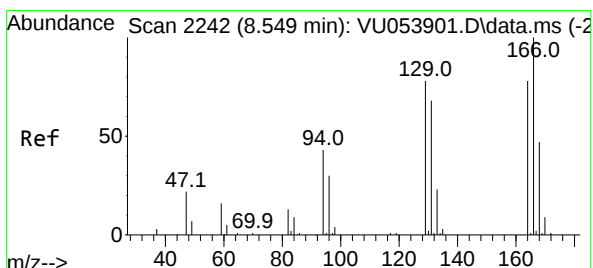
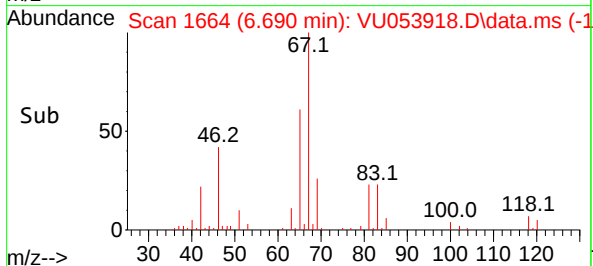
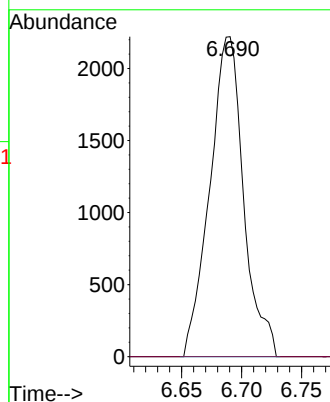
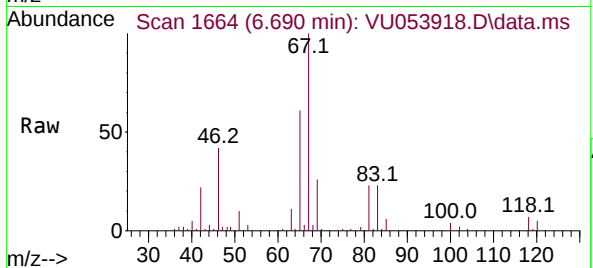




#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU053918.D
Acq: 26 Apr 2023 16:54

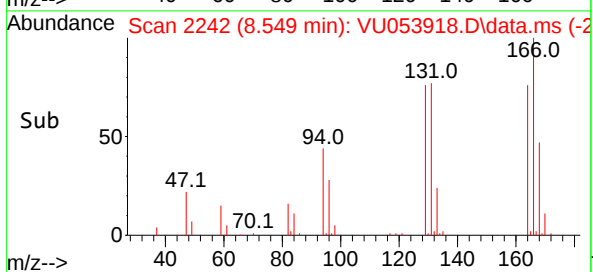
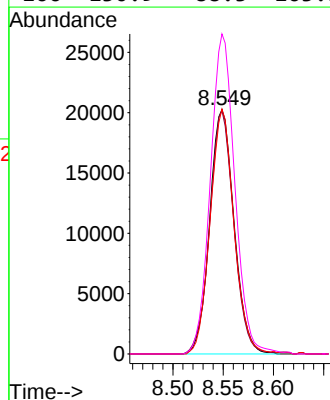
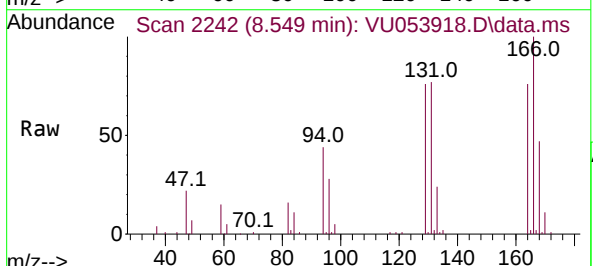
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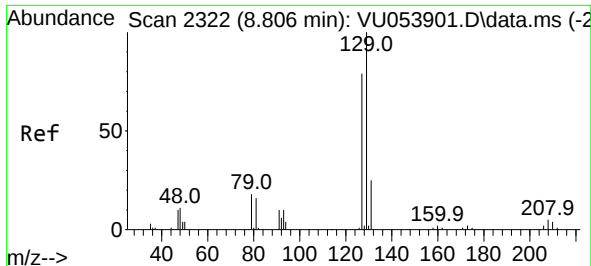
Tgt Ion: 63 Resp: 4356
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 4.496 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053918.D
Acq: 26 Apr 2023 16:54

Tgt Ion: 164 Resp: 34212
Ion Ratio Lower Upper
164 100
129 99.5 68.3 126.8
131 100.1 64.4 119.6
166 130.9 88.3 163.9

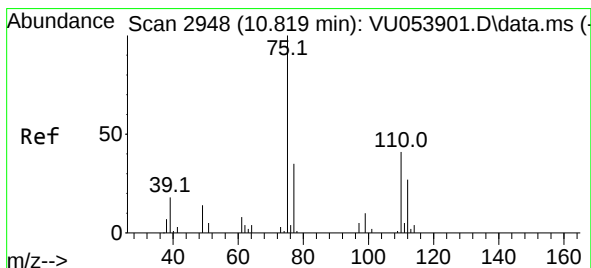
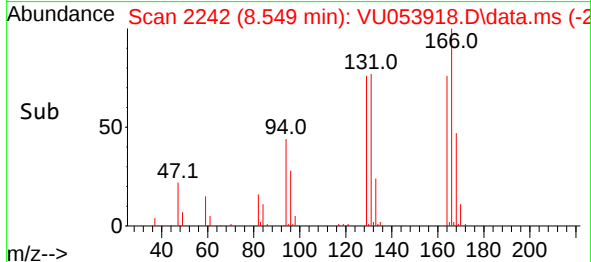
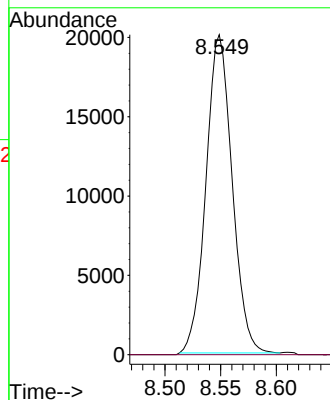
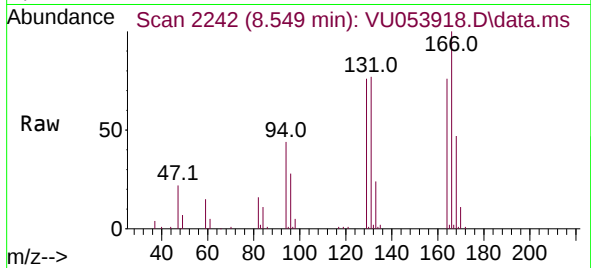




#49
Dibromochloromethane
Concen: 4.727 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU053918.D
Acq: 26 Apr 2023 16:54

Instrument :
MSVOA_U
ClientSampleId :
BHE61

Tgt Ion:129 Resp: 32793
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.459 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053918.D
Acq: 26 Apr 2023 16:54

Tgt Ion: 75 Resp: 6697
Ion Ratio Lower Upper
75 100
110 2.5 30.7 46.1#
77 31.0 26.2 39.4

