

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063208.D
 Acq On : 06 Feb 2025 20:20
 Operator : MD/SY
 Sample : Q1291-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:33:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 07 07:28:28 2025
 Response via : Initial Calibration

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

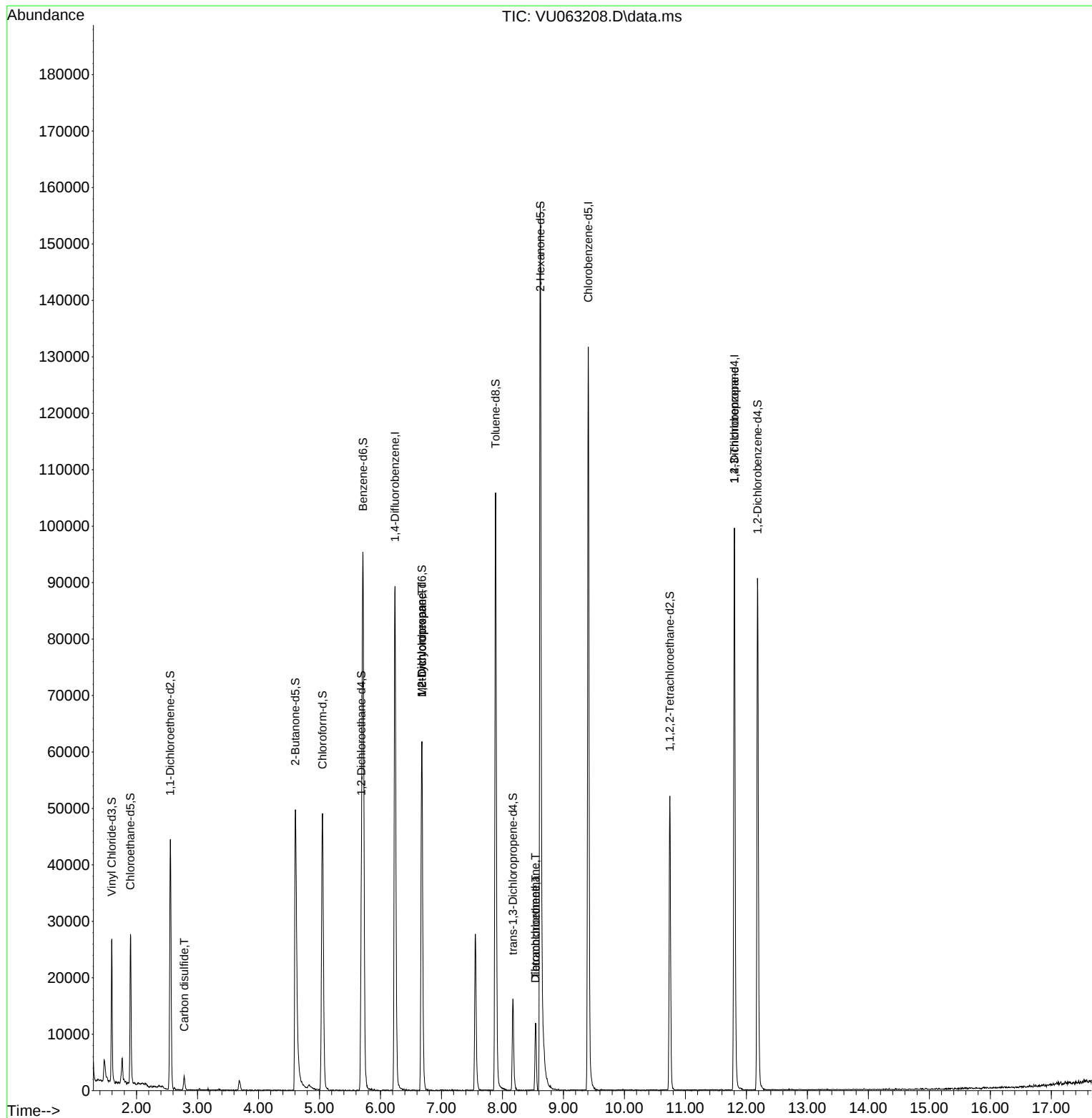
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	75644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	74533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	28354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17711	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.901	69	19306	4.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.554	65	8602	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.605	46	76864	53.962	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.920%
24) Chloroform-d	5.049	84	47193	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.689	65	25794	5.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.714	84	89595	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.679	67	31361	4.893	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.888	98	73538	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.174	79	10466	4.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.621	63	54901	45.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28160	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	25844	5.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.782	76	3109	0.180	ug/L	98
35) Methylcyclohexane	6.679	83	6938	0.743	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	3212	0.491	ug/L #	90
47) Tetrachloroethene	8.544	164	2738	0.626	ug/L	94
49) Dibromochloromethane	8.541	129	2667	0.524	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	3555	1.039	ug/L #	67

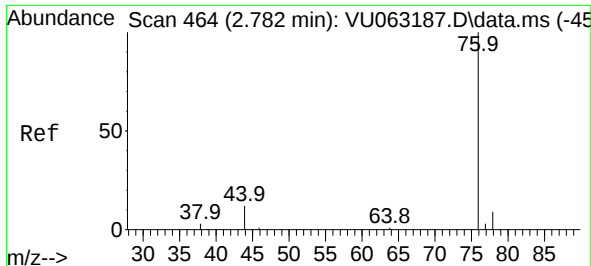
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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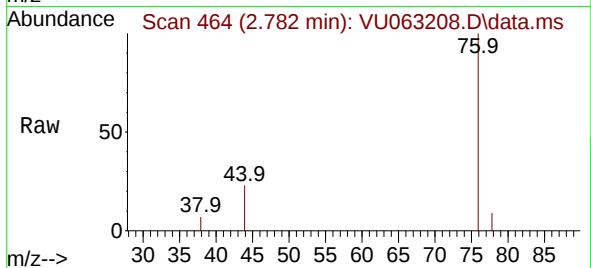
Quant Time: Feb 07 07:33:40 2025
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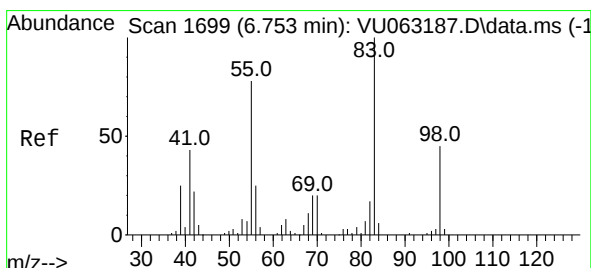
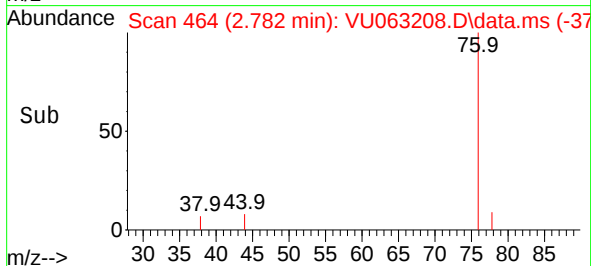
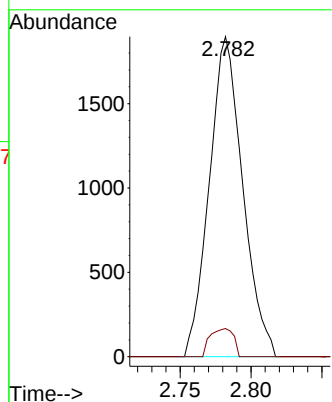


#14
Carbon disulfide
Concen: 0.180 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU063208.D
Acq: 06 Feb 2025 20:20

Instrument :
MSVOA_U
ClientSampleId :

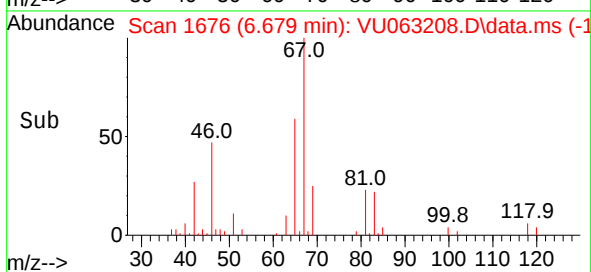
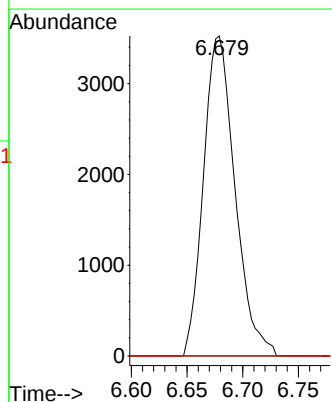
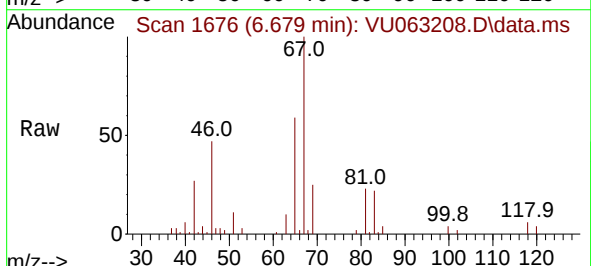


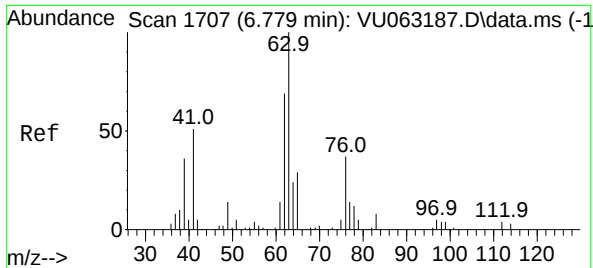
Tgt Ion: 76 Resp: 3109
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU063208.D
Acq: 06 Feb 2025 20:20

Tgt Ion: 83 Resp: 6938
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.0 36.0 54.0#

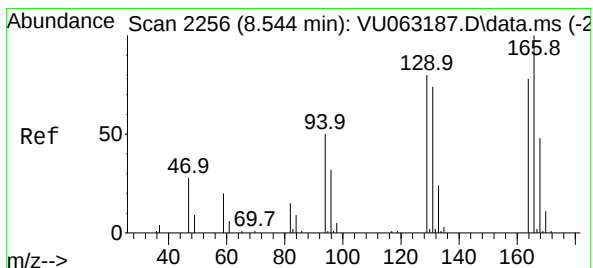
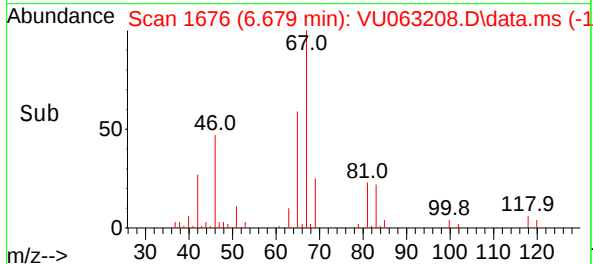
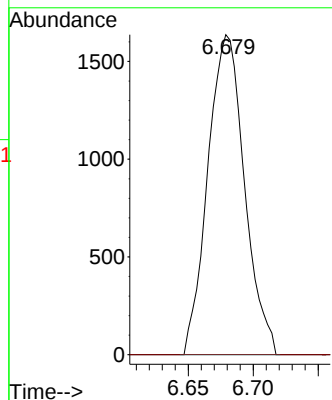
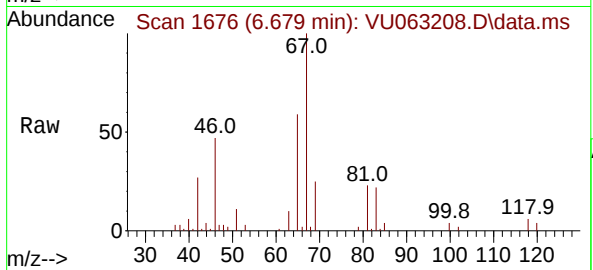




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU063208.D
Acq: 06 Feb 2025 20:20

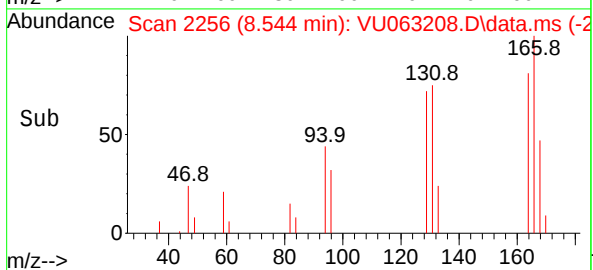
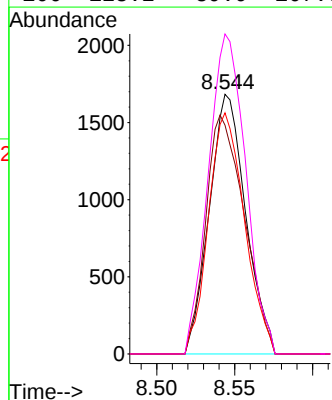
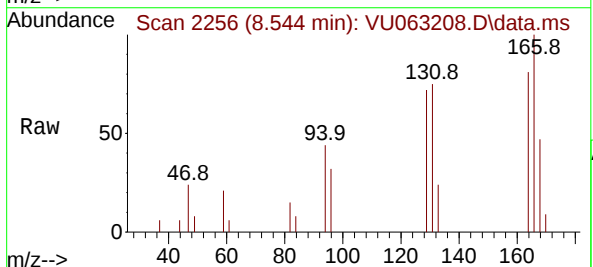
Instrument :
MSVOA_U
ClientSampleId :

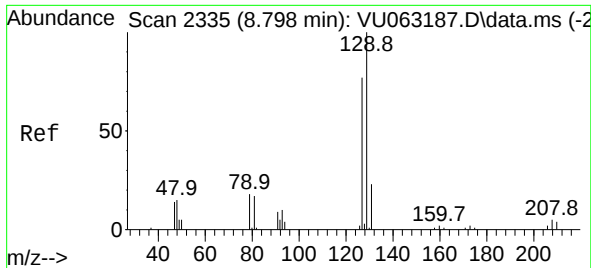
Tgt Ion: 63 Resp: 3212
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#47
Tetrachloroethene
Concen: 0.626 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063208.D
Acq: 06 Feb 2025 20:20

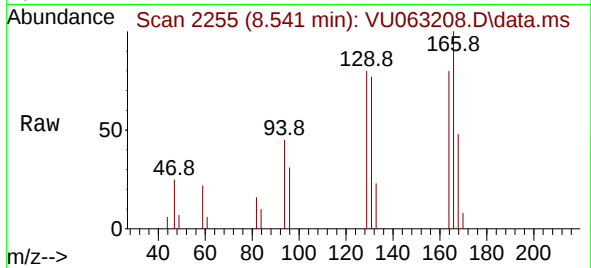
Tgt Ion:164 Resp: 2738
Ion Ratio Lower Upper
164 100
129 88.1 68.6 127.4
131 92.9 66.5 123.5
166 123.2 89.9 167.0



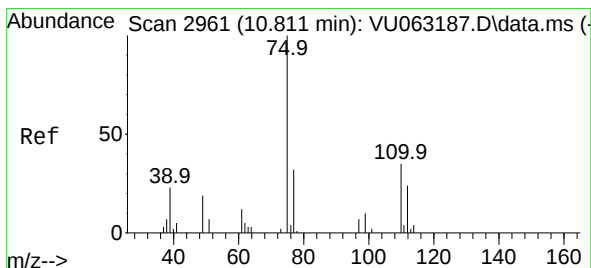
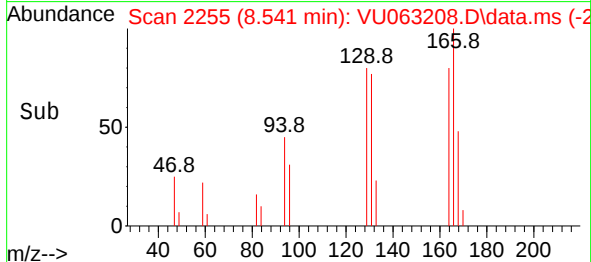
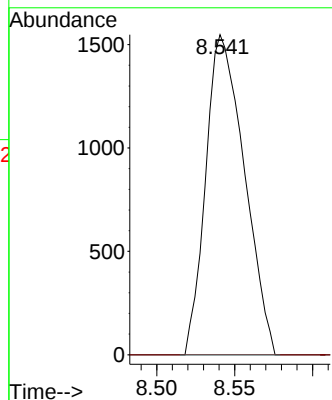


#49
Dibromochloromethane
Concen: 0.524 ug/L
RT: 8.541 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU063208.D
Acq: 06 Feb 2025 20:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 2667
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#



#61
1,2,3-Trichloropropane
Concen: 1.039 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.994 min
Lab File: VU063208.D
Acq: 06 Feb 2025 20:20

Tgt Ion: 75 Resp: 3555
Ion Ratio Lower Upper
75 100
110 0.0 27.4 41.0#
77 30.4 26.3 39.5

