

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075958.D
 Acq On : 02 May 2023 12:08
 Operator : KP/SY
 Sample : 02548-28RE
 Misc : 5.96G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCQ8

Quant Time: May 03 02:48:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

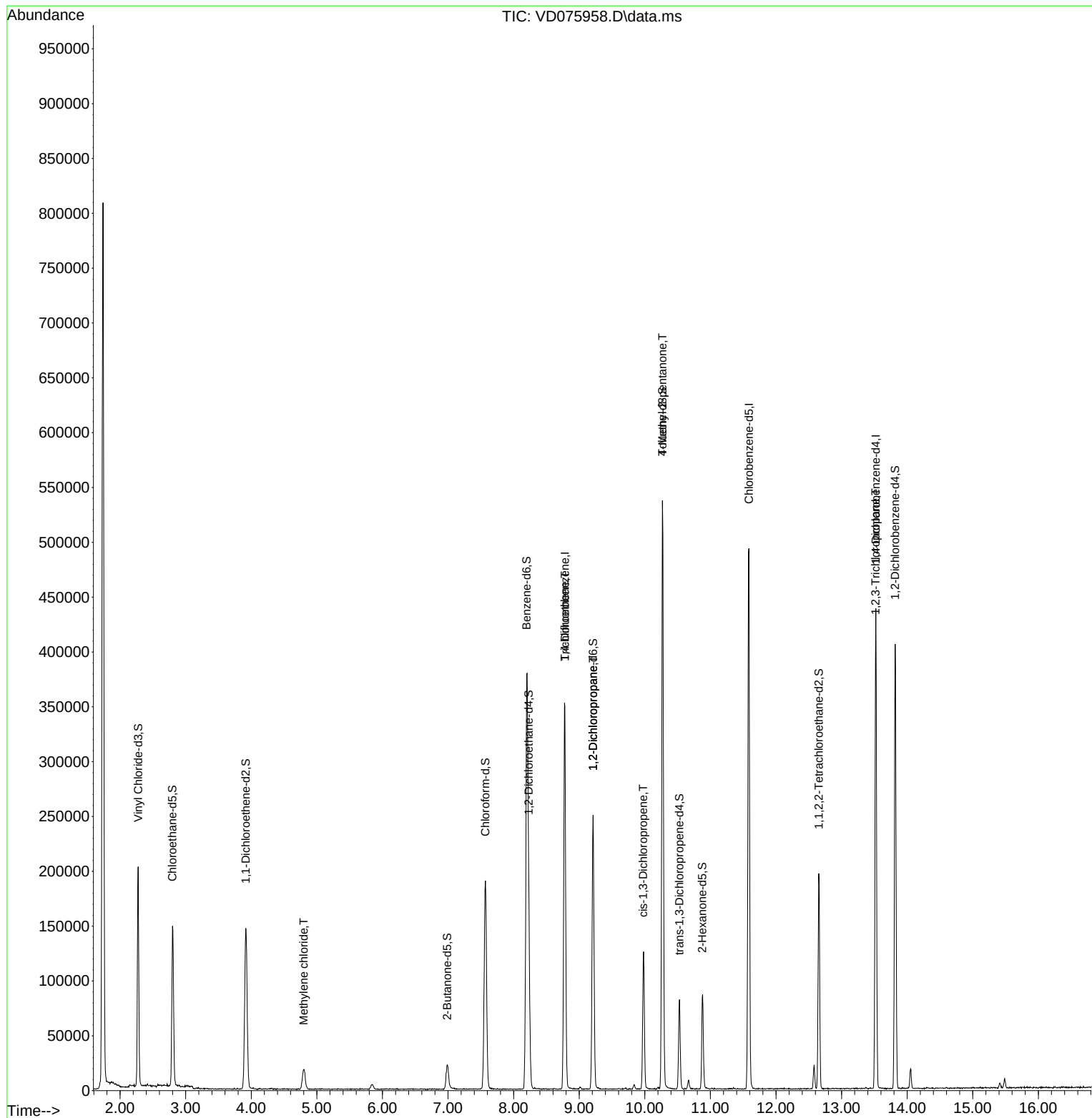
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	347301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	320782	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	131078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	187072	24.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
7) Chloroethane-d5	2.799	69	161590	24.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	3.917	65	41222	23.468	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.880%
21) 2-Butanone-d5	6.987	46	38285	57.884	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.760%
24) Chloroform-d	7.569	84	210513	24.239	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.228	65	94290	25.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.680%
32) Benzene-d6	8.199	84	441323	23.604	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	9.210	67	130882	25.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.160%
41) Toluene-d8	10.269	98	394359	22.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.120%
43) trans-1,3-Dichloroprop...	10.528	79	48767	22.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.200%
47) 2-Hexanone-d5	10.875	63	31711	50.892	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101761	25.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	124091	26.765	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.040%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	15875	2.253	ug/L	92
34) Trichloroethene	8.781	95	9077	1.809	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	12687	2.846	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	3387	0.478	ug/L	88
40) 4-Methyl-2-pentanone	10.269	43	1109	0.682	ug/L #	1
61) 1,2,3-Trichloropropane	13.516	75	14530	7.056	ug/L #	61

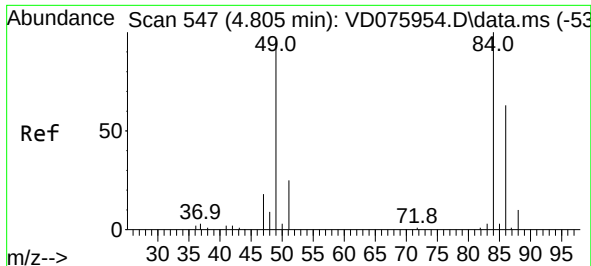
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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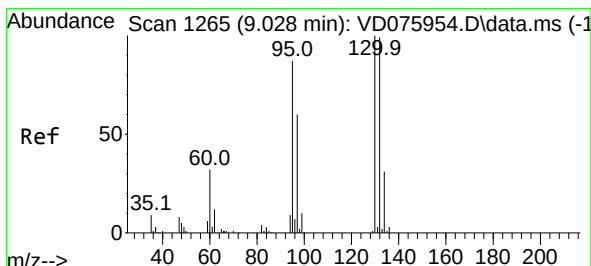
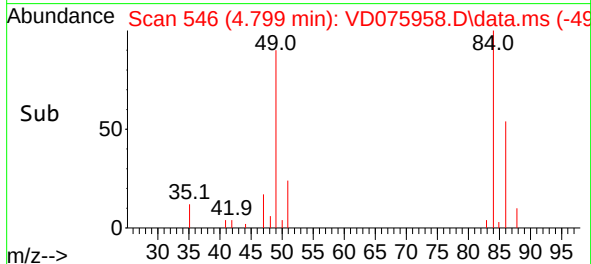
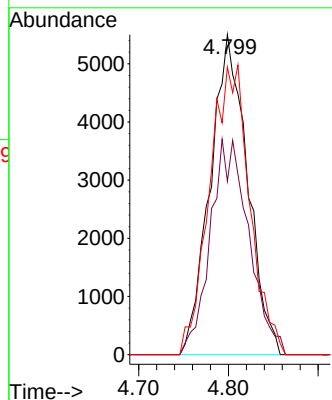
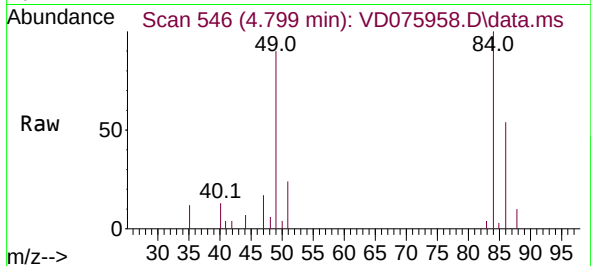




#16
Methylene chloride
Concen: 2.253 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075958.D
Acq: 02 May 2023 12:08

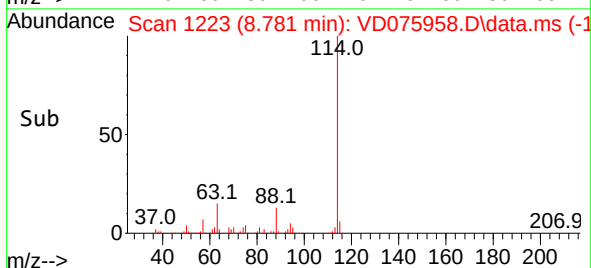
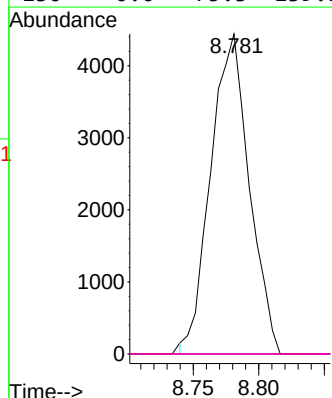
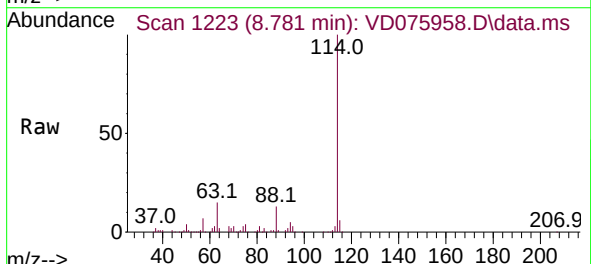
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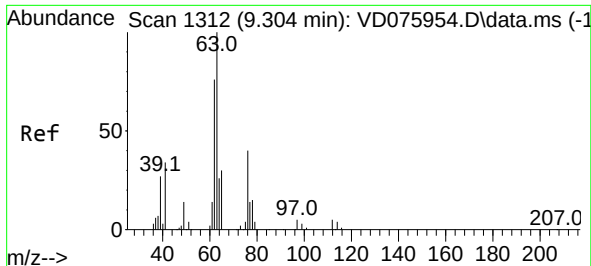
Tgt Ion: 84 Resp: 15875
Ion Ratio Lower Upper
84 100
86 54.2 45.8 85.2
49 89.9 60.8 112.8



#34
Trichloroethene
Concen: 1.809 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075958.D
Acq: 02 May 2023 12:08

Tgt Ion: 95 Resp: 9077
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#

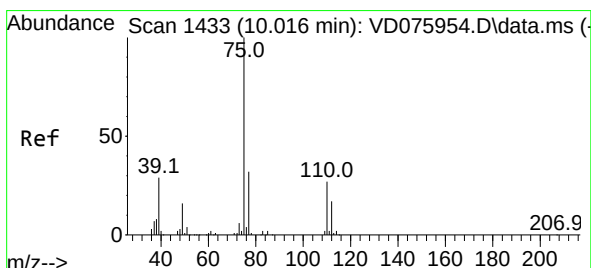
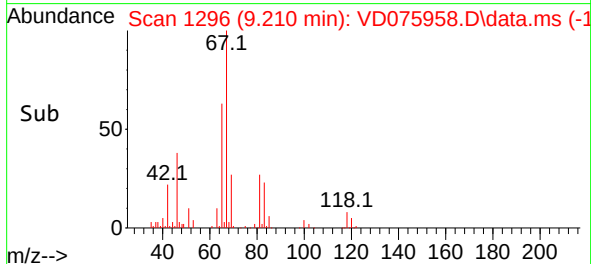
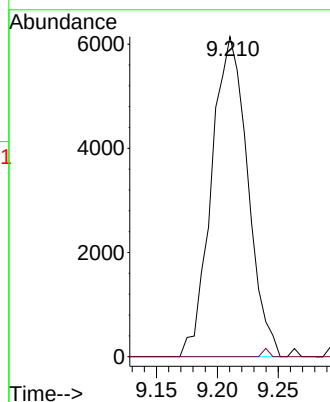
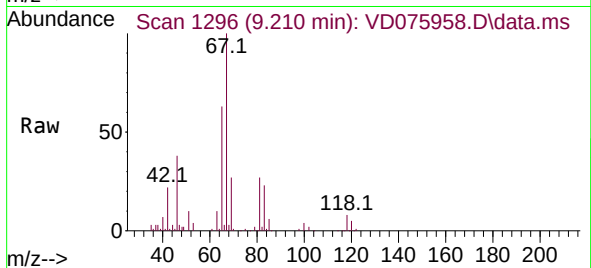




#37
1,2-Dichloropropane
Concen: 2.846 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075958.D
Acq: 02 May 2023 12:08

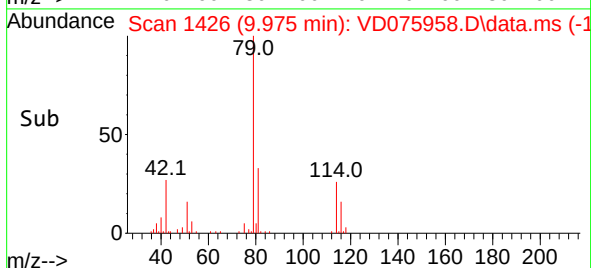
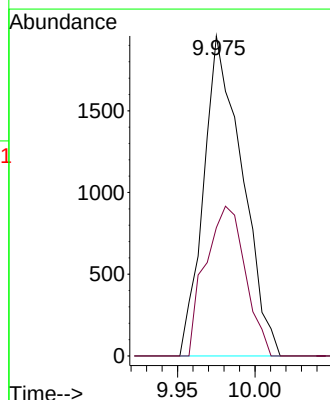
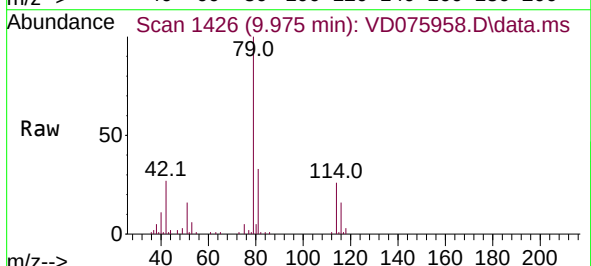
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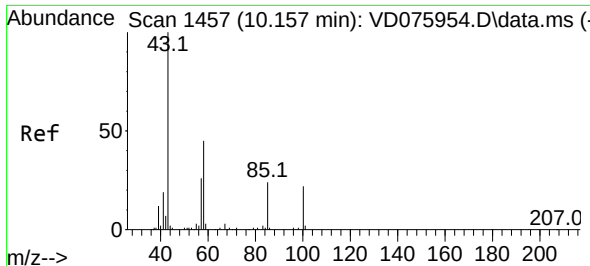
Tgt Ion: 63 Resp: 12687
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.478 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD075958.D
Acq: 02 May 2023 12:08

Tgt Ion: 75 Resp: 3387
Ion Ratio Lower Upper
75 100
77 40.1 23.4 43.6

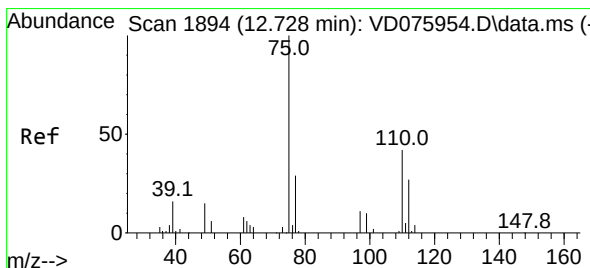
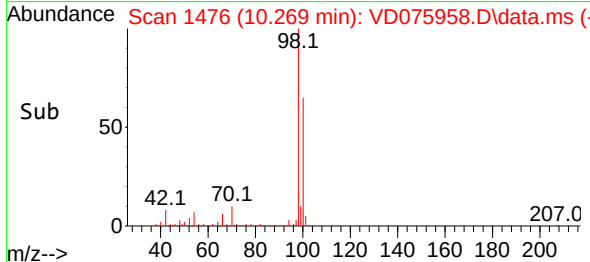
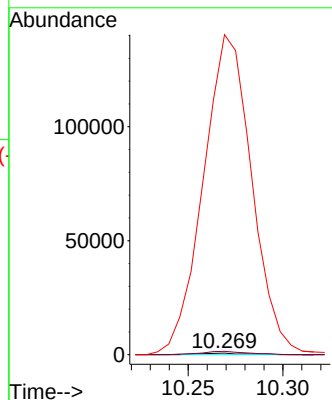
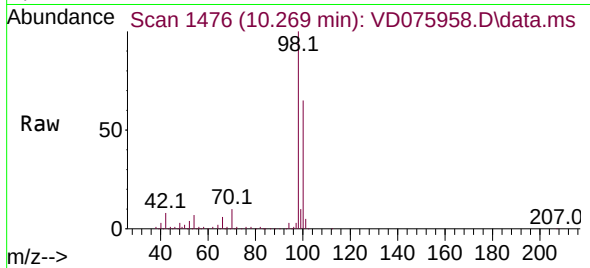




#40
4-Methyl-2-pentanone
Concen: 0.682 ug/L
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075958.D
Acq: 02 May 2023 12:08

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Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 229.0 39.1 58.7#
100 22779.4 19.4 29.0#



#61
1,2,3-Trichloropropane
Concen: 7.056 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD075958.D
Acq: 02 May 2023 12:08

Tgt Ion: 75 Resp: 14530
Ion Ratio Lower Upper
75 100
77 28.6 26.6 39.8
110 1.4 33.5 50.3#

