

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027498.D
 Acq On : 25 Aug 2022 16:35
 Operator : SY/MD
 Sample : N4370-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F47

Quant Time: Aug 26 01:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

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

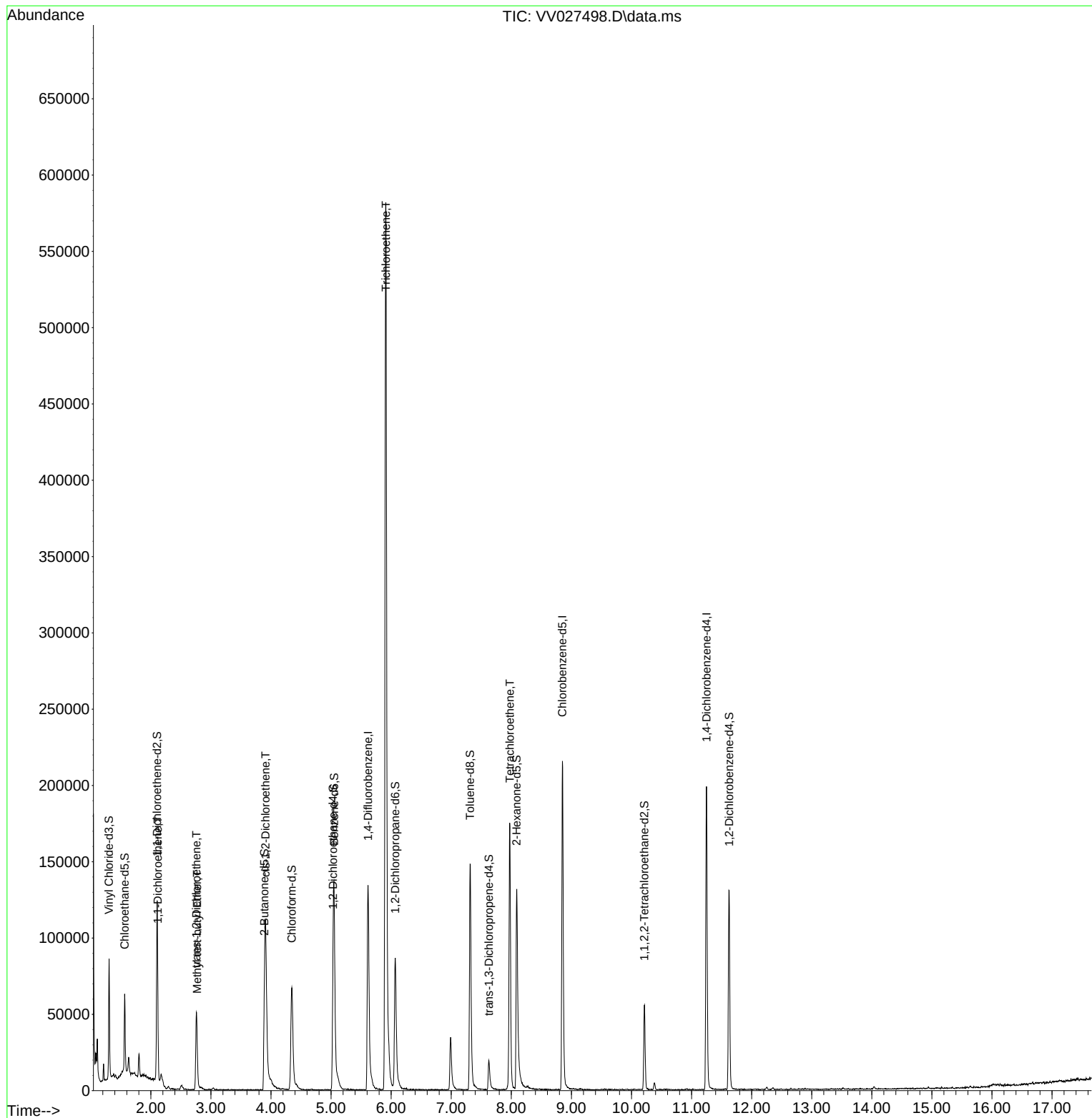
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120737	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33299	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.564	69	31186	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.105	63	60567	3.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.889	46	64558	60.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.740%
24) Chloroform-d	4.346	84	71728	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.031	65	33846	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.050	84	127923	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.069	67	41985	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.313	98	103688	3.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.625	79	12537	3.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.088	63	45318	41.277	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26481	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	34386	4.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	3371	0.369	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4297	0.227	ug/L #	76
18) trans-1,2-Dichloroethene	2.757	96	16662	1.770	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	50896	5.075	ug/L	99
34) Trichloroethene	5.912	95	212326	20.062	ug/L	97
47) Tetrachloroethene	7.976	164	39724	4.818	ug/L	97

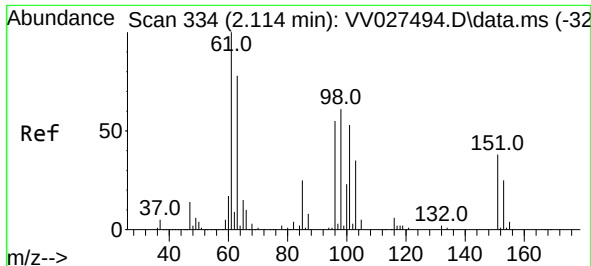
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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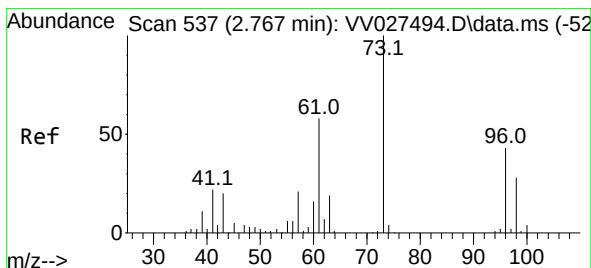
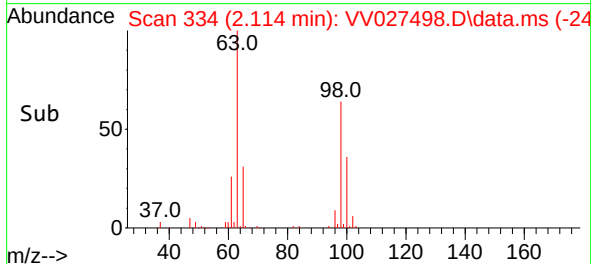
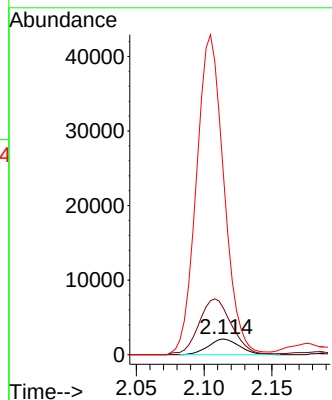
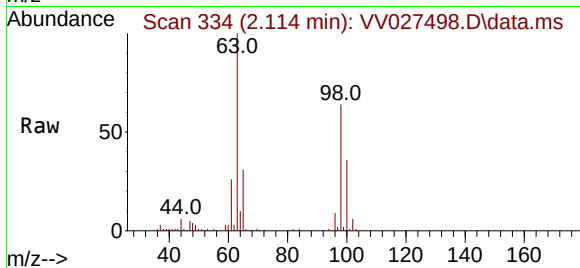




#12
 1,1-Dichloroethene
 Concen: 0.369 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV027498.D
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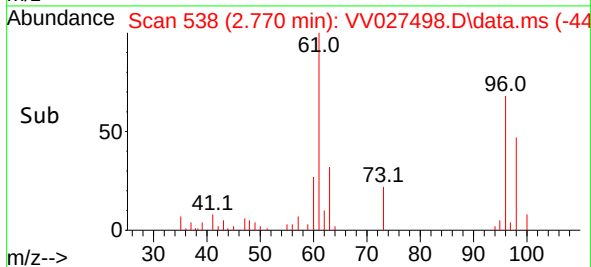
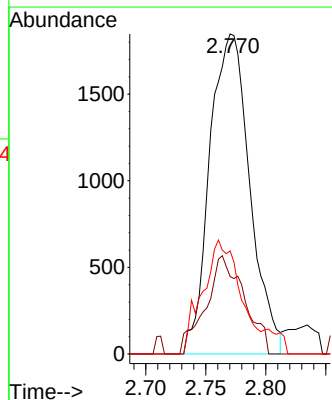
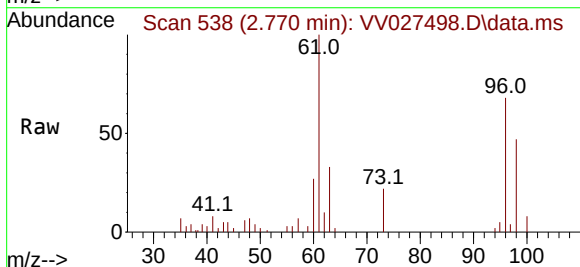
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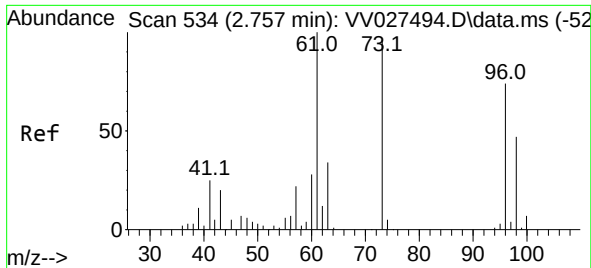
Tgt Ion: 96 Resp: 3371
 Ion Ratio Lower Upper
 96 100
 61 294.0 130.2 241.8#
 63 1131.7 87.4 162.4#



#17
 Methyl tert-butyl Ether
 Concen: 0.227 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV027498.D
 Acq: 25 Aug 2022 16:35

Tgt Ion: 73 Resp: 4297
 Ion Ratio Lower Upper
 73 100
 43 29.6 15.6 23.4#
 57 33.3 17.0 25.6#

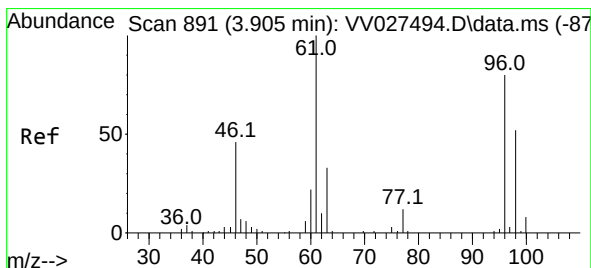
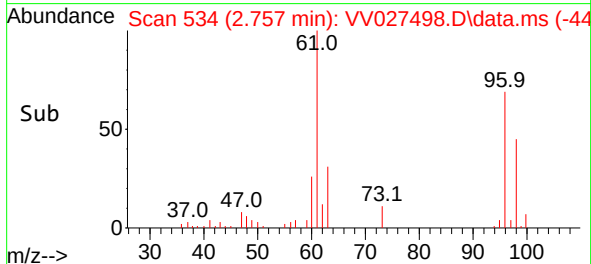
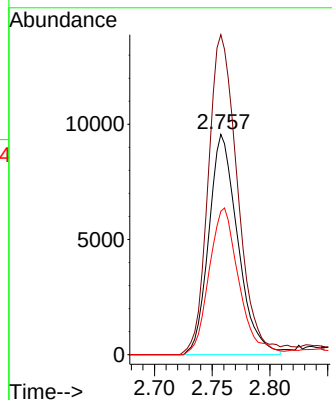
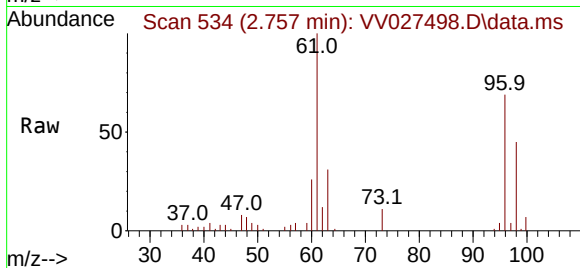




#18
trans-1,2-Dichloroethene
Concen: 1.770 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

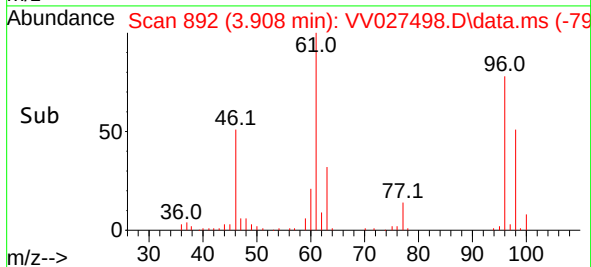
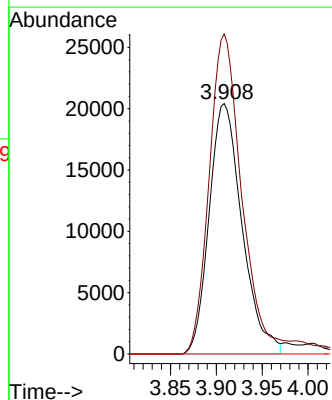
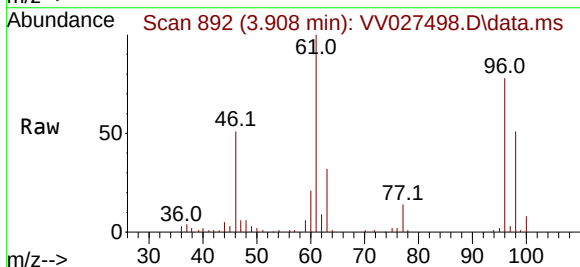
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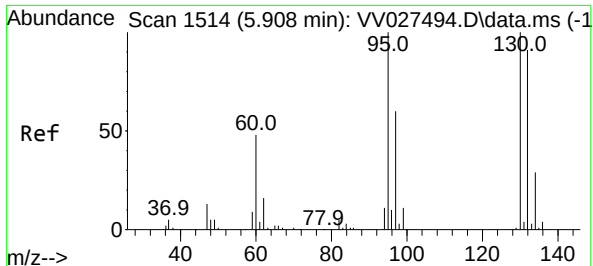
Tgt Ion: 96 Resp: 16662
Ion Ratio Lower Upper
96 100
61 145.2 97.6 181.4
98 65.1 45.9 85.3



#22
cis-1,2-Dichloroethene
Concen: 5.075 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

Tgt Ion: 96 Resp: 50896
Ion Ratio Lower Upper
96 100
61 127.8 90.6 168.2
68 0.0 0.0 0.0

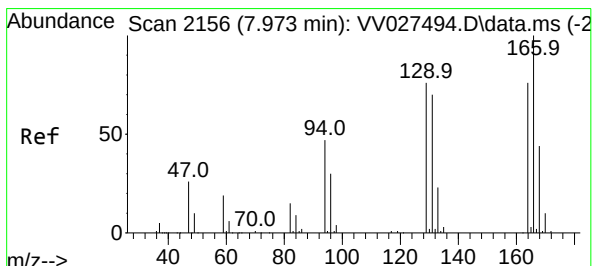
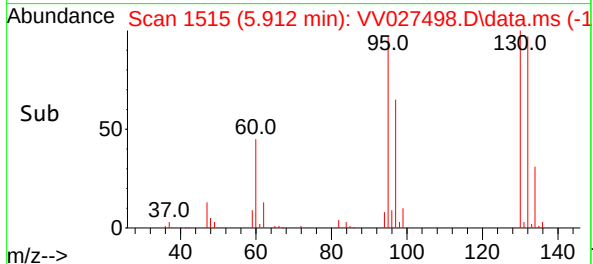
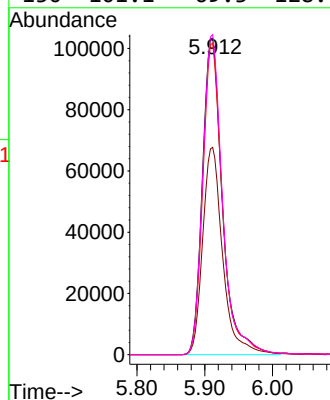
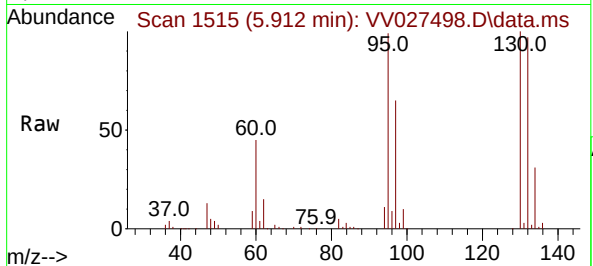




#34
Trichloroethene
Concen: 20.062 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

Instrument :
MSVOA_V
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Tgt Ion: 95 Resp: 212326
Ion Ratio Lower Upper
95 100
97 65.5 45.0 83.6
132 98.4 65.7 121.9
130 101.1 69.3 128.7



#47
Tetrachloroethene
Concen: 4.818 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

Tgt Ion: 164 Resp: 39724
Ion Ratio Lower Upper
164 100
129 94.0 71.1 132.1
131 91.1 64.5 119.9
166 128.3 89.4 166.0

