

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026232.D
 Acq On : 16 Jun 2023 16:53
 Operator : SY/MD
 Sample : 03307-04
 Misc : 5.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW07

Quant Time: Jun 17 00:06:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 23:58:43 2023
 Response via : Initial Calibration

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

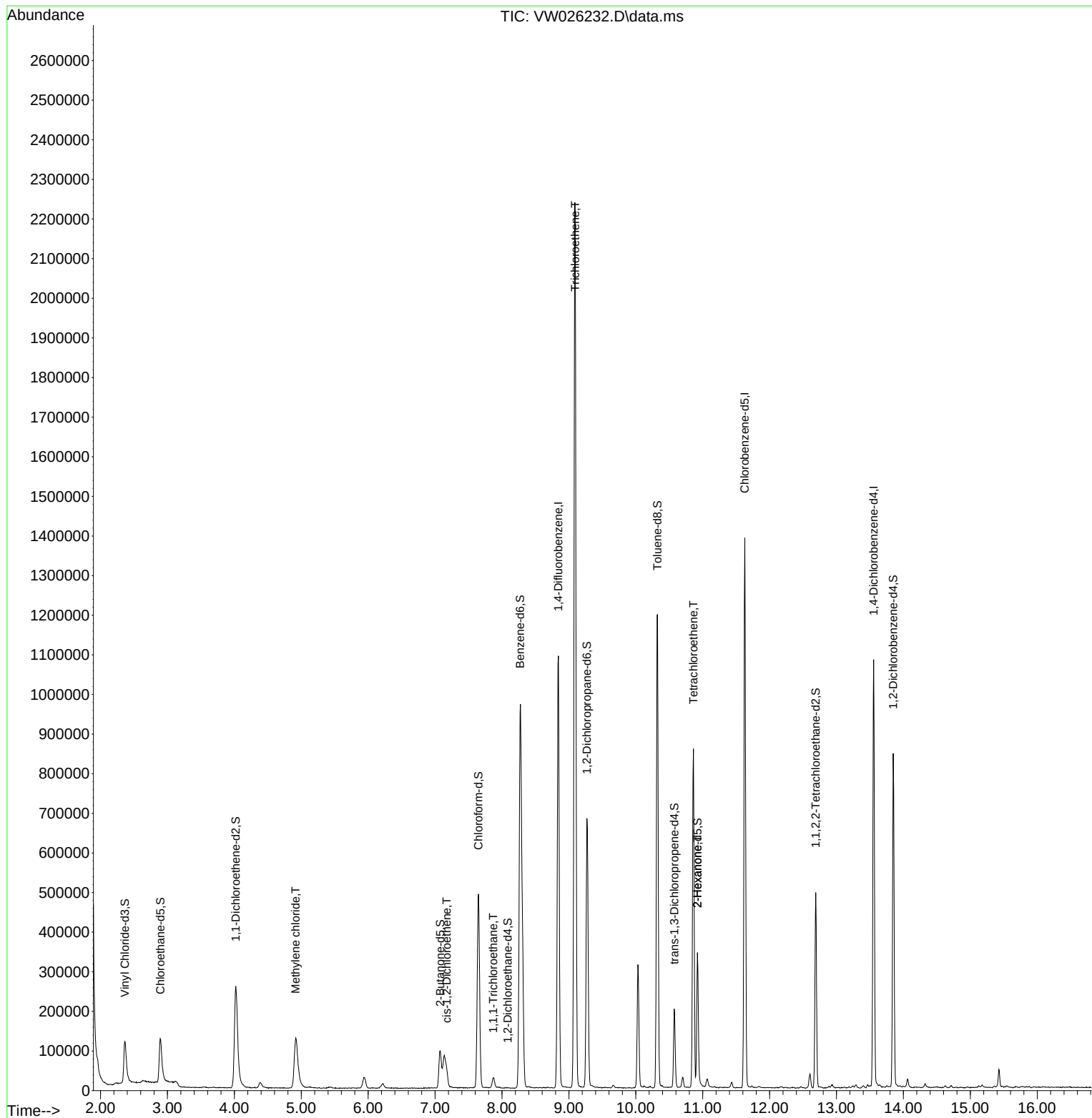
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	861428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	711869	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	262603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	193619	15.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.920%
7) Chloroethane-d5	2.893	69	181471	20.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	4.021	65	102159	17.096	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.400%
21) 2-Butanone-d5	7.075	46	171543	48.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.240%
24) Chloroform-d	7.648	84	492207	19.512	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.040%
26) 1,2-Dichloroethane-d4	8.087	65	149	0.011	ug/L	-0.22
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.270	84	960874	20.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.240%
36) 1,2-Dichloropropane-d6	9.270	67	326178	21.494	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.960%
41) Toluene-d8	10.325	98	780149	18.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.480%
43) trans-1,3-Dichloroprop...	10.575	79	106485	17.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.840%
47) 2-Hexanone-d5	10.922	63	112451	46.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249565	22.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	198616	19.760	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.040%
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	117397	8.539	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	23396	1.795	ug/L	93
30) 1,1,1-Trichloroethane	7.868	97	20636	1.195	ug/L #	87
34) Trichloroethene	9.093	95	808595	64.755	ug/L	96
46) Tetrachloroethene	10.861	164	181469	20.546	ug/L	97
48) 2-Hexanone	10.922	43	16674	3.037	ug/L #	67

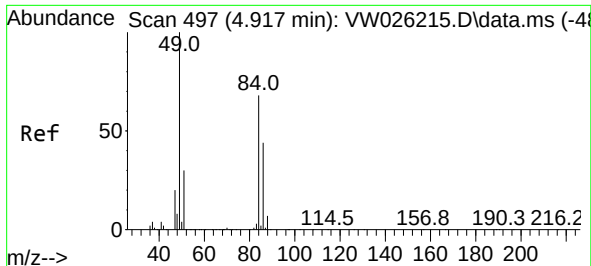
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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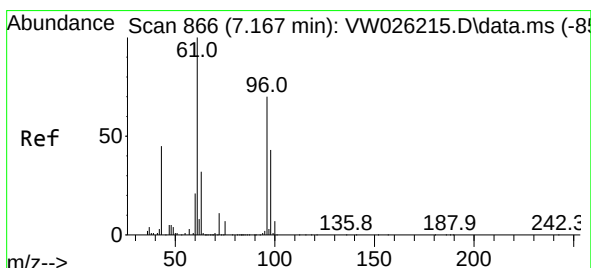
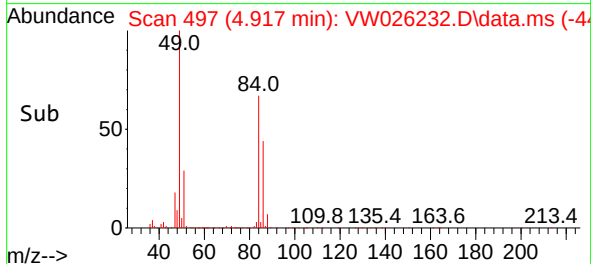
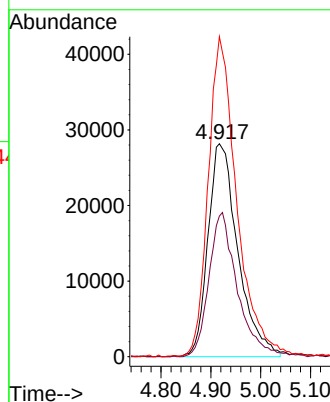
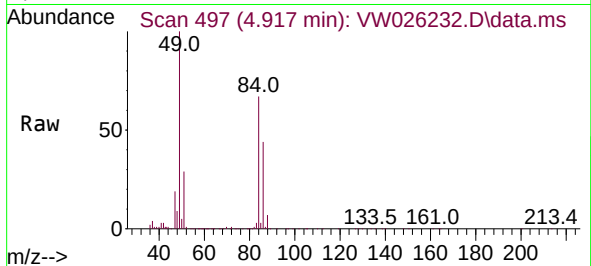




#16
Methylene chloride
Concen: 8.539 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026232.D
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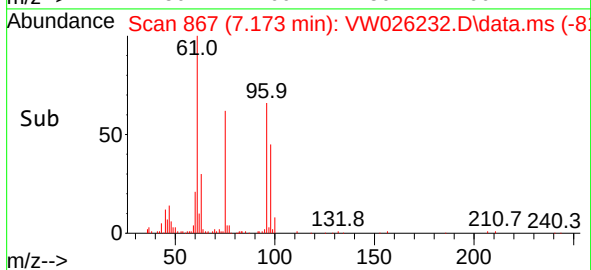
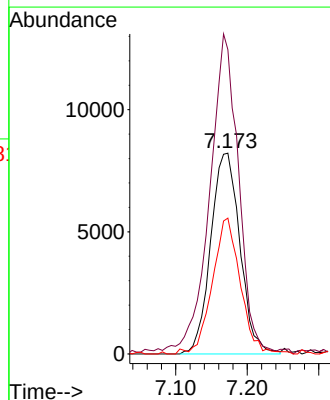
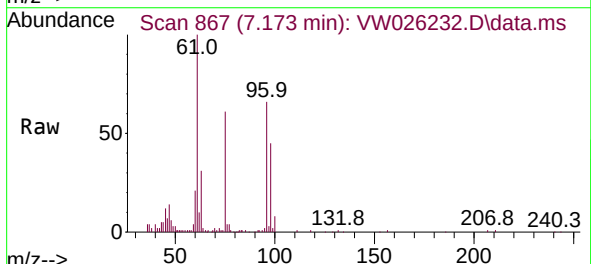
Instrument :
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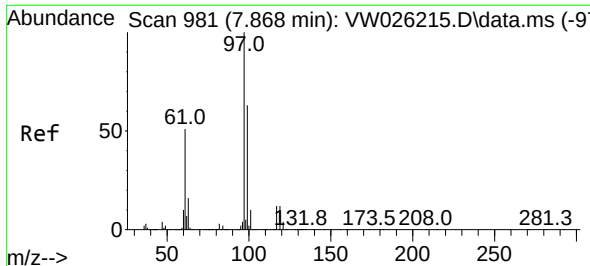
Tgt Ion: 84 Resp: 117397
Ion Ratio Lower Upper
84 100
86 66.1 44.2 82.0
49 150.3 98.8 183.6



#20
cis-1,2-Dichloroethene
Concen: 1.795 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026232.D
Acq: 16 Jun 2023 16:53

Tgt Ion: 96 Resp: 23396
Ion Ratio Lower Upper
96 100
61 151.5 98.4 182.8
98 67.7 45.2 84.0

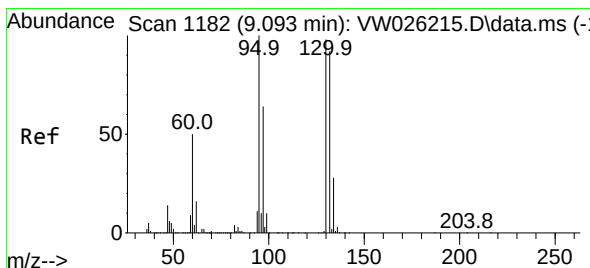
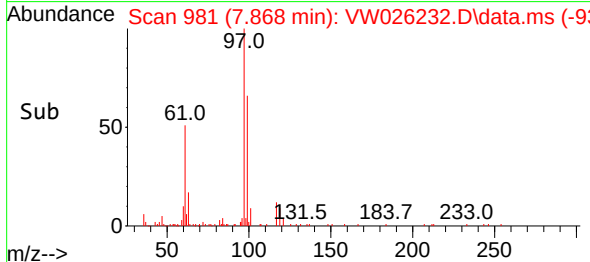
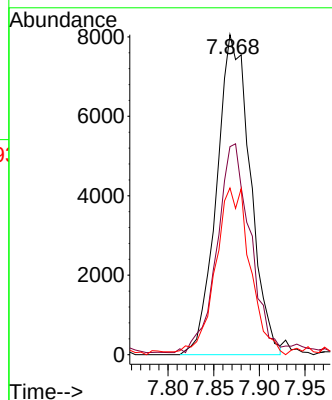
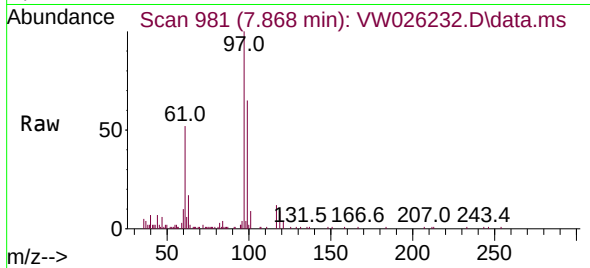




#30
1,1,1-Trichloroethane
Concen: 1.195 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW026232.D
Acq: 16 Jun 2023 16:53

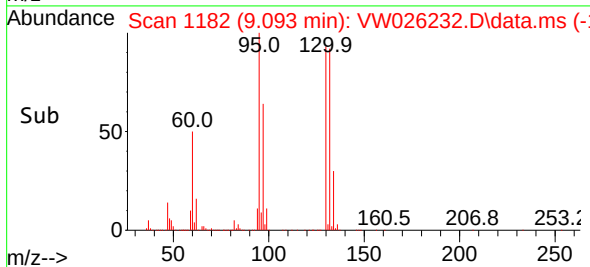
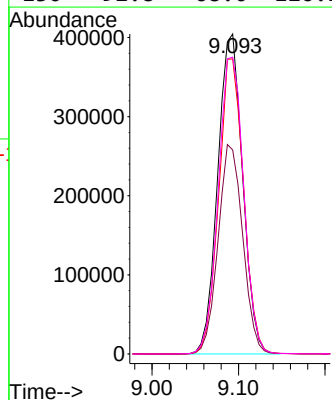
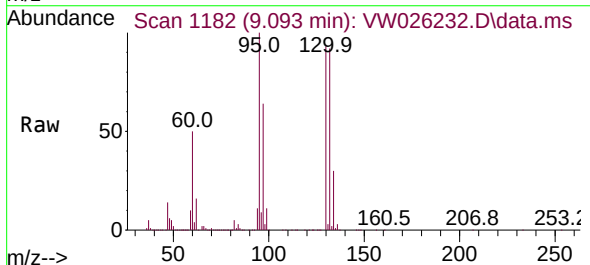
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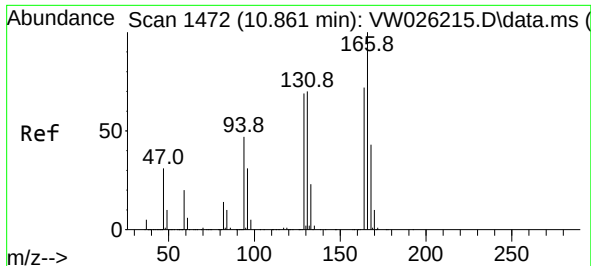
Tgt Ion: 97 Resp: 20636
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 32.0 40.5 60.7#



#34
Trichloroethene
Concen: 64.755 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026232.D
Acq: 16 Jun 2023 16:53

Tgt Ion: 95 Resp: 808595
Ion Ratio Lower Upper
95 100
97 63.7 45.9 85.3
132 92.2 67.1 124.7
130 92.8 68.0 126.2

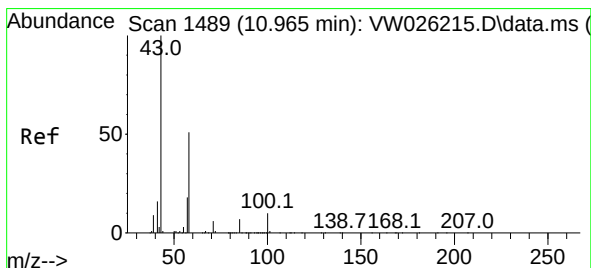
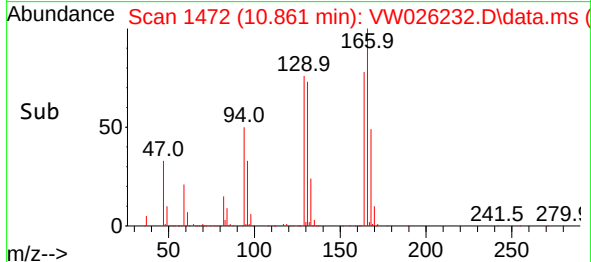
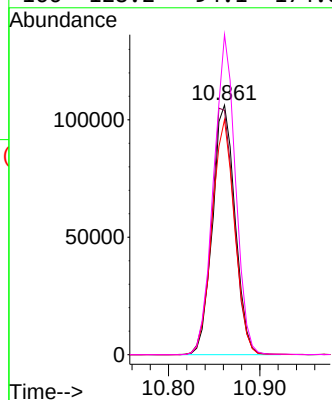
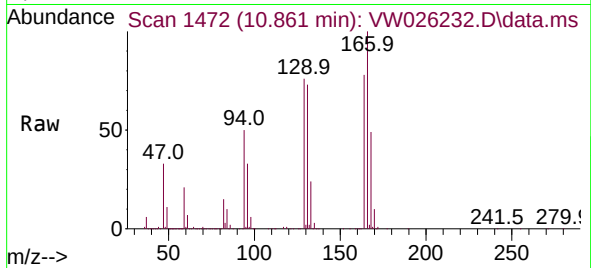




#46
Tetrachloroethene
Concen: 20.546 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026232.D
Acq: 16 Jun 2023 16:53

Instrument :
MSVOA_W
ClientSampleId :
YBW07

Tgt Ion:164 Resp: 181469
Ion Ratio Lower Upper
164 100
129 97.9 68.5 127.1
131 94.2 67.1 124.7
166 128.2 94.1 174.8



#48
2-Hexanone
Concen: 3.037 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW026232.D
Acq: 16 Jun 2023 16:53

Tgt Ion: 43 Resp: 16674
Ion Ratio Lower Upper
43 100
58 23.8 42.2 63.2#
57 25.5 14.2 21.2#
100 2.7 8.3 12.5#

