

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060823\
 Data File : VW031476.D
 Acq On : 09 Jun 2023 02:50
 Operator : SY/MD
 Sample : 03106-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FF1

Quant Time: Jun 09 06:55:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 06:27:10 2023
 Response via : Initial Calibration

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

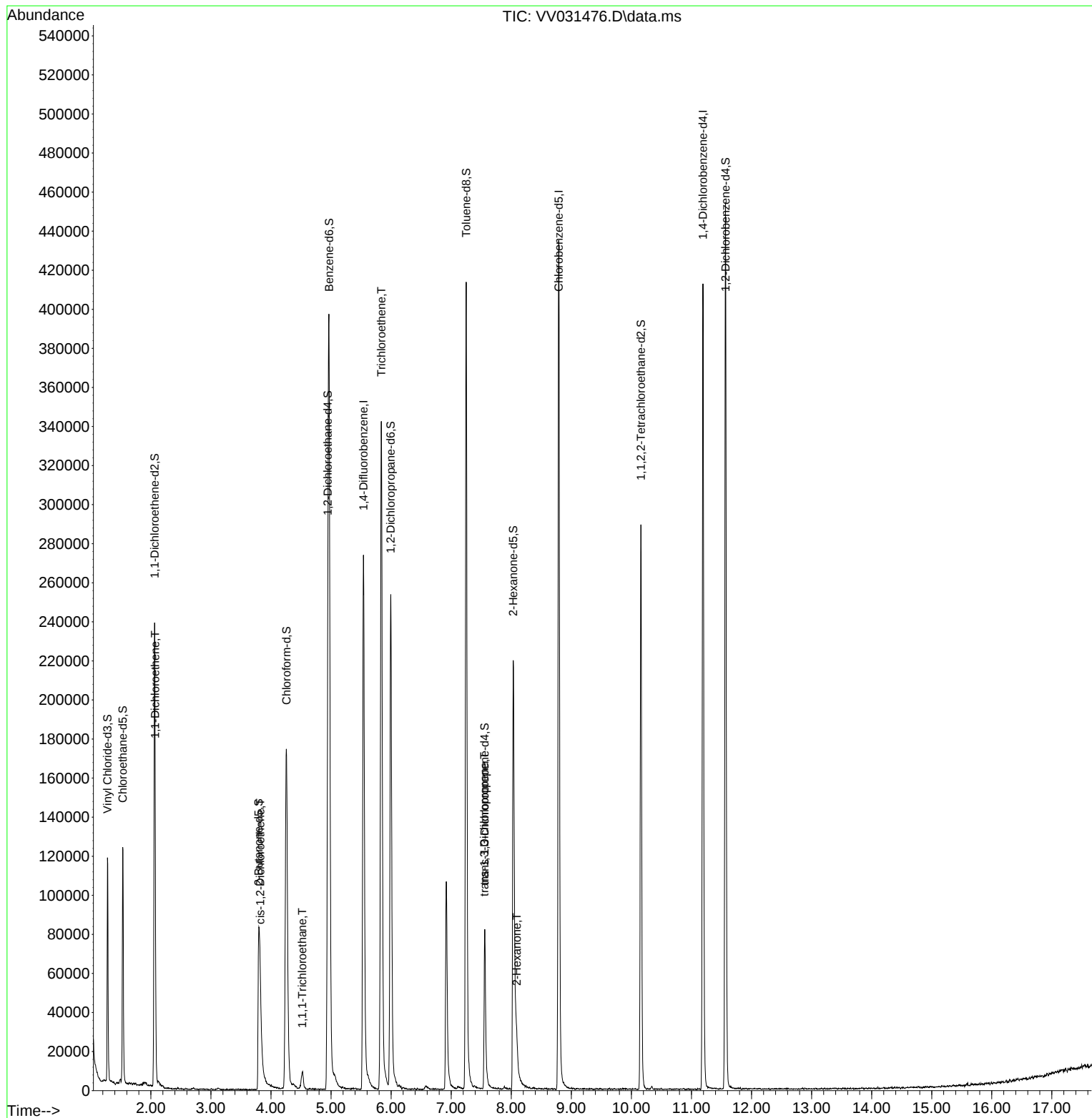
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	225128	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	233389	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	107467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74908	37.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.640%
7) Chloroethane-d5	1.532	69	76092	47.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.900%
11) 1,1-Dichloroethene-d2	2.063	65	39476	42.051	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.100%
21) 2-Butanone-d5	3.796	46	145970	101.972	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.970%
24) Chloroform-d	4.256	84	189348	50.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.500%
26) 1,2-Dichloroethane-d4	4.947	65	128886	50.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.980%
32) Benzene-d6	4.966	84	328253	47.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.280%
36) 1,2-Dichloropropane-d6	5.992	67	122197	51.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	7.249	98	278267	43.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.920%
43) trans-1,3-Dichloroprop...	7.558	79	49344	40.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.800%
47) 2-Hexanone-d5	8.034	63	72011	79.827	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.830%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	137712	45.560	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.120%
66) 1,2-Dichlorobenzene-d4	11.567	152	110306	55.331	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.660%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.072	96	8860	9.865	ug/L #	1
20) cis-1,2-Dichloroethene	3.821	96	8129	5.872	ug/L	89
30) 1,1,1-Trichloroethane	4.519	97	6917	2.511	ug/L #	93
34) Trichloroethene	5.837	95	117224	72.252	ug/L	96
44) trans-1,3-Dichloropropene	7.554	75	2614	0.931	ug/L	92
48) 2-Hexanone	8.091	43	13695	5.811	ug/L #	82

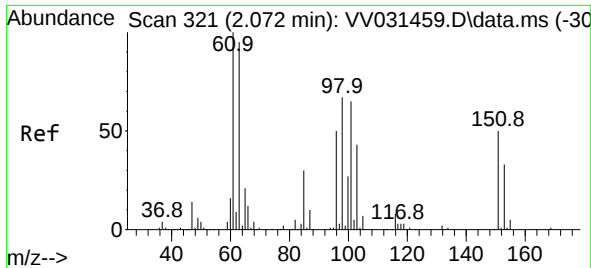
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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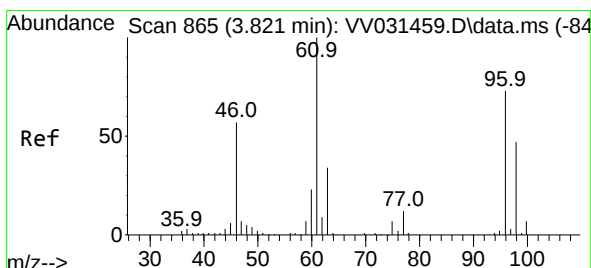
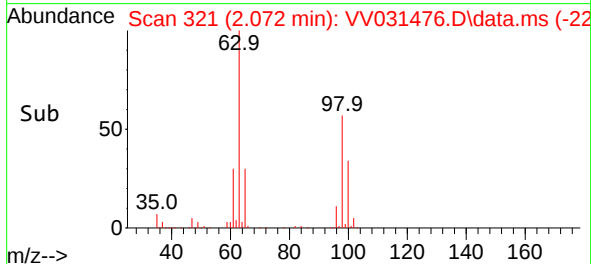
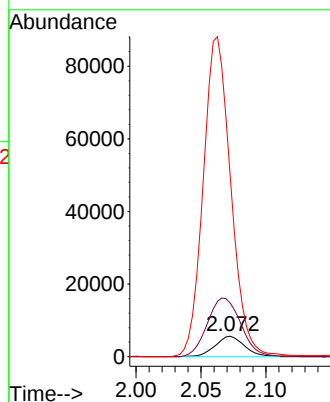
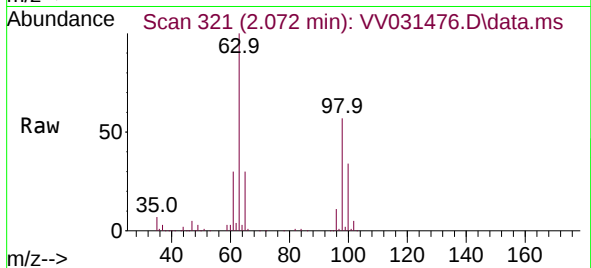




#12
 1,1-Dichloroethene
 Concen: 9.865 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV031476.D
 Acq: 09 Jun 2023 02:50

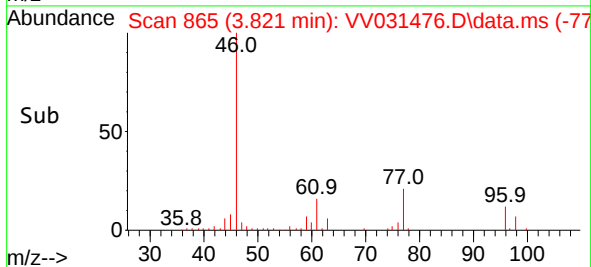
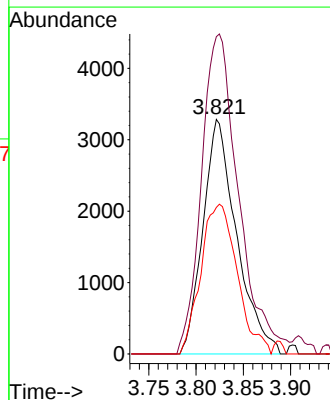
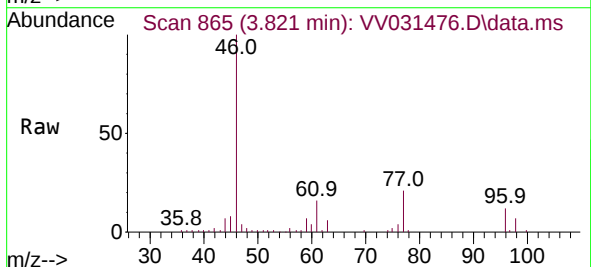
Instrument :
 MSVOA_V
 ClientSampleId :
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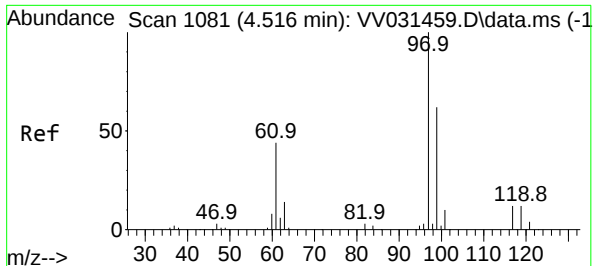
Tgt Ion: 96 Resp: 8860
 Ion Ratio Lower Upper
 96 100
 61 262.9 143.9 267.3
 63 888.2 158.3 293.9#



#20
 cis-1,2-Dichloroethene
 Concen: 5.872 ug/L
 RT: 3.821 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: VV031476.D
 Acq: 09 Jun 2023 02:50

Tgt Ion: 96 Resp: 8129
 Ion Ratio Lower Upper
 96 100
 61 127.9 101.6 188.6
 98 59.1 44.4 82.4





#30

1,1,1-Trichloroethane

Concen: 2.511 ug/L

RT: 4.519 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV031476.D

Acq: 09 Jun 2023 02:50

Instrument :

MSVOA_V

ClientSampleId :

C0FF1

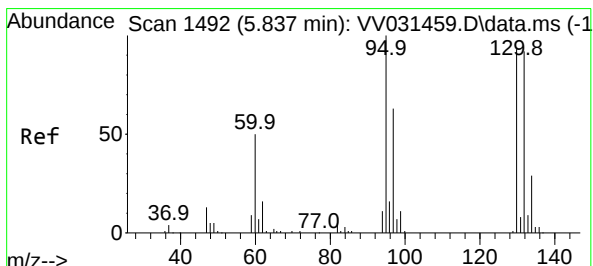
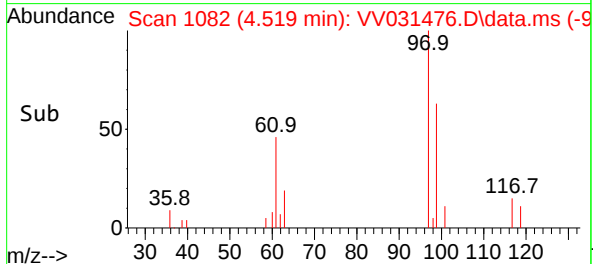
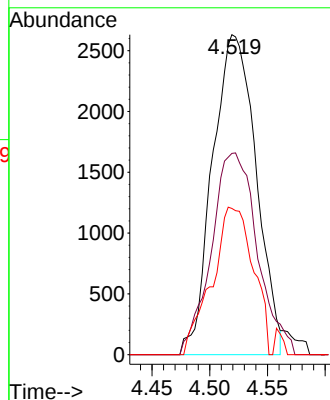
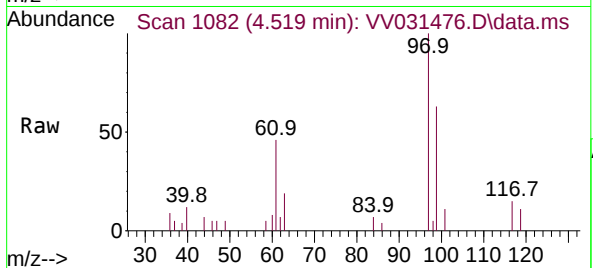
Tgt Ion: 97 Resp: 6917

Ion Ratio Lower Upper

97 100

99 66.4 51.9 77.9

61 35.1 36.1 54.1#



#34

Trichloroethene

Concen: 72.252 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. -0.000 min

Lab File: VV031476.D

Acq: 09 Jun 2023 02:50

Tgt Ion: 95 Resp: 117224

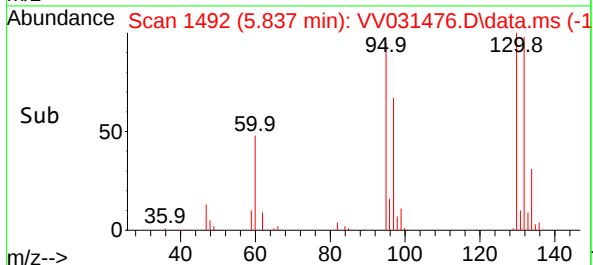
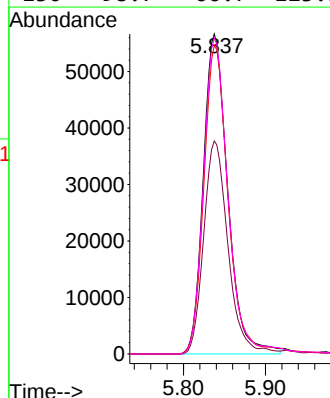
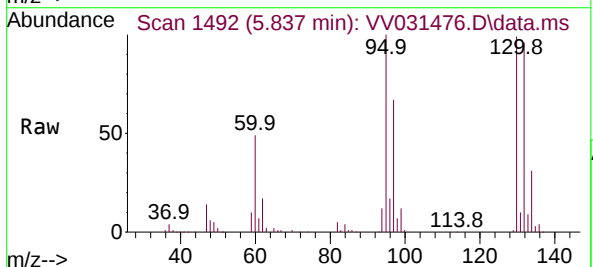
Ion Ratio Lower Upper

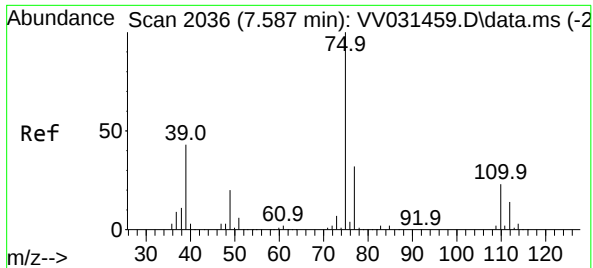
95 100

97 66.5 44.2 82.0

132 96.4 64.2 119.2

130 98.7 66.7 123.9

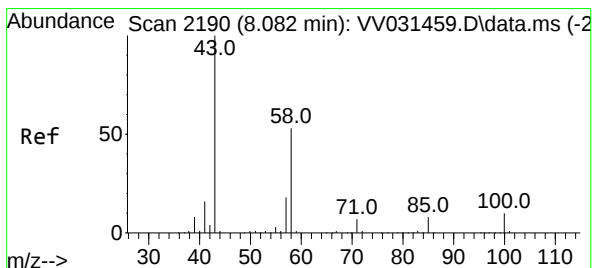
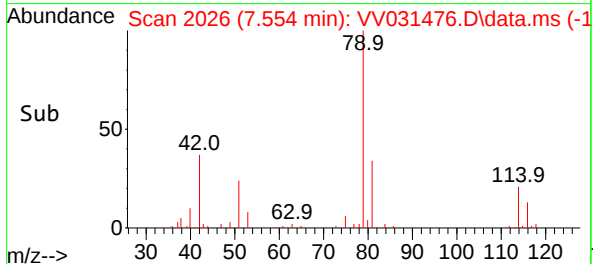
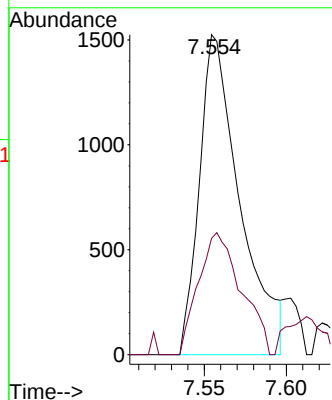
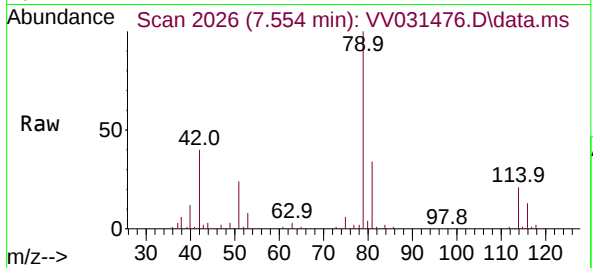




#44
trans-1,3-Dichloropropene
Concen: 0.931 ug/L
RT: 7.554 min Scan# 2036
Delta R.T. -0.032 min
Lab File: VV031476.D
Acq: 09 Jun 2023 02:50

Instrument :
MSVOA_V
ClientSampleId :
C0FF1

Tgt Ion: 75 Resp: 2614
Ion Ratio Lower Upper
75 100
77 36.3 22.2 41.2



#48
2-Hexanone
Concen: 5.811 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. 0.010 min
Lab File: VV031476.D
Acq: 09 Jun 2023 02:50

Tgt Ion: 43 Resp: 13695
Ion Ratio Lower Upper
43 100
58 45.4 42.9 64.3
57 0.0 14.6 22.0#
100 6.9 8.2 12.2#

