

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
 Data File : VW029588.D
 Acq On : 16 Jul 2024 13:31
 Operator : SY/MD
 Sample : VIBLK497
 Misc : 5.00g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 18 12:43:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 18 02:17:40 2024
 Response via : Initial Calibration

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

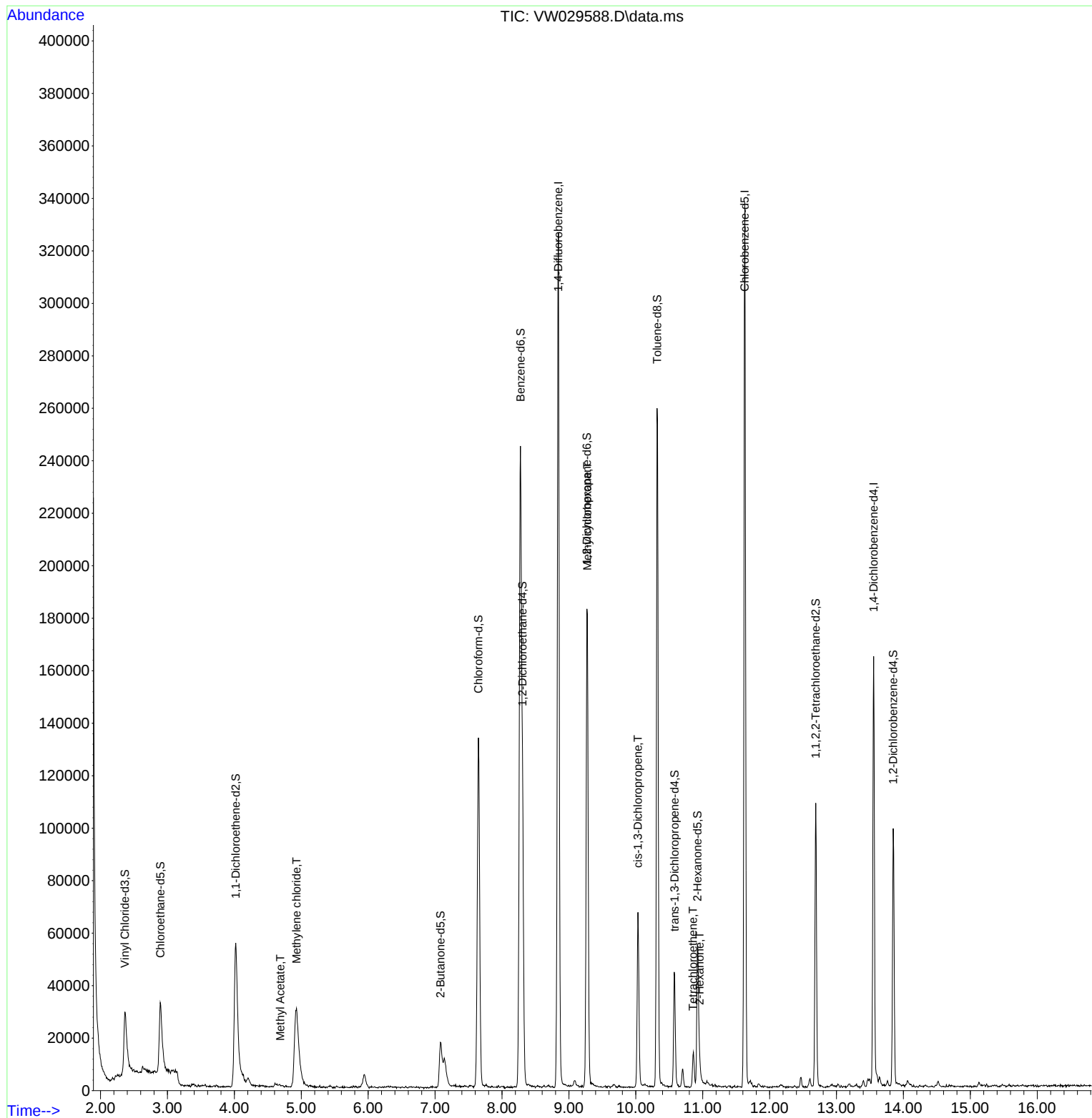
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	246361	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	165648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	37251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	53509	13.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.800%
7) Chloroethane-d5	2.893	69	45859	16.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
11) 1,1-Dichloroethene-d2	4.021	65	24307	13.601	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.400%
21) 2-Butanone-d5	7.081	46	28128	23.544	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.080%
24) Chloroform-d	7.648	84	130534	18.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.320%
26) 1,2-Dichloroethane-d4	8.307	65	86279	20.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	8.276	84	230390	23.217	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	9.270	67	83449	26.301	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.200%
41) Toluene-d8	10.318	98	165630	18.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.920%
43) trans-1,3-Dichloroprop...	10.581	79	23280	17.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.320%
47) 2-Hexanone-d5	10.922	63	17400	30.180	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	52687	20.453	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	23617	18.205	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.800%#
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.685	43	1519	0.718	ug/L #	81
16) Methylene chloride	4.929	84	32197	7.300	ug/L	97
35) Methylcyclohexane	9.276	83	19261	4.378	ug/L #	16
39) cis-1,3-Dichloropropene	10.032	75	2058	0.478	ug/L #	47
46) Tetrachloroethene	10.855	164	2695	1.386	ug/L	96
48) 2-Hexanone	10.953	43	7146	4.709	ug/L #	45

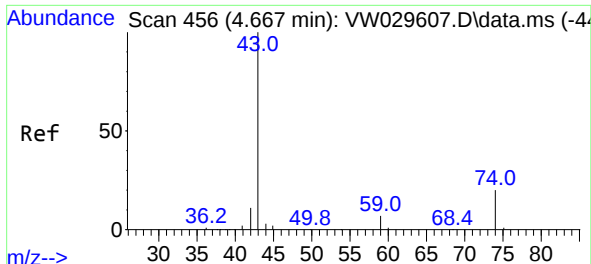
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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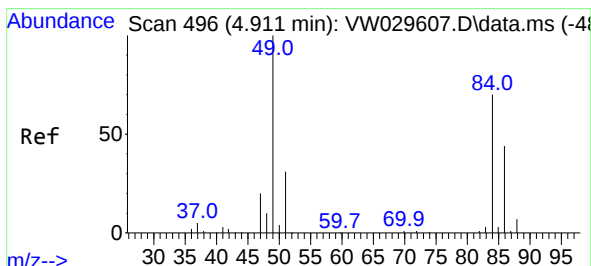
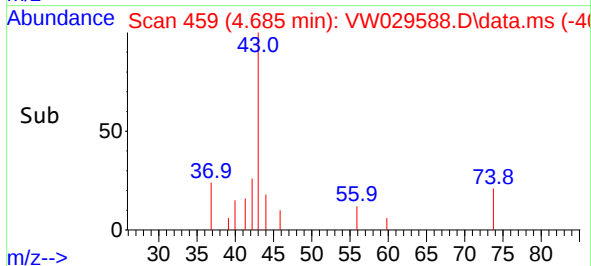
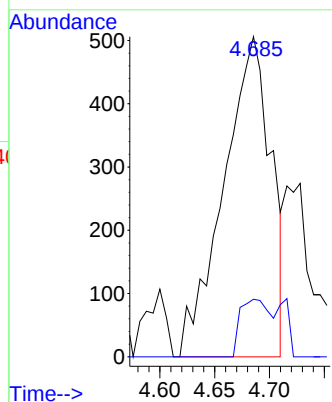
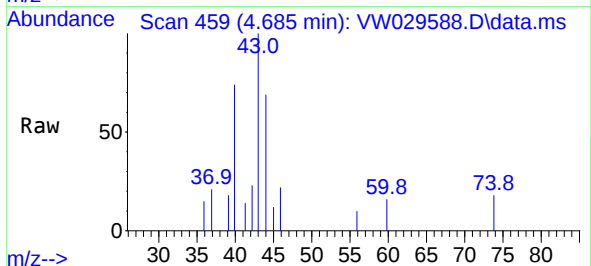




#15
Methyl Acetate
Concen: 0.718 ug/L
RT: 4.685 min Scan# 415
Delta R.T. 0.018 min
Lab File: VW029588.D
Acq: 16 Jul 2024 13:31

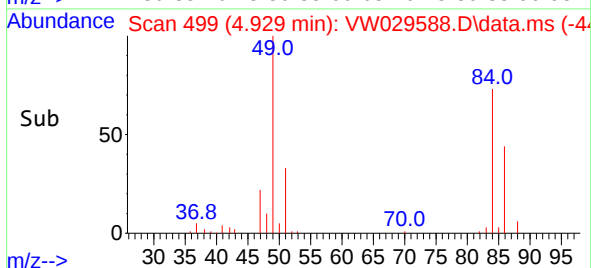
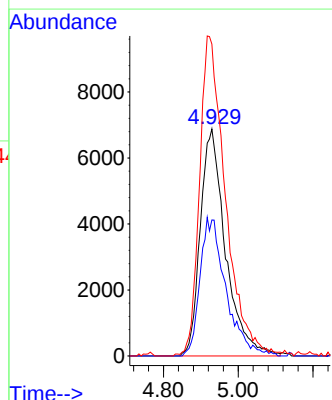
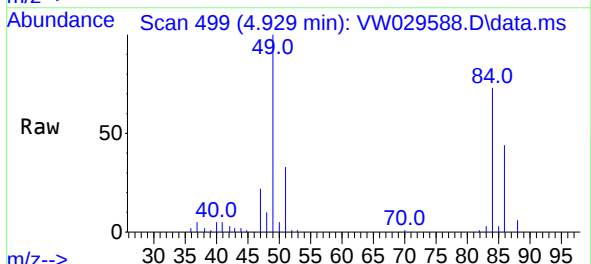
Instrument :
MSVOA_W
ClientSampleId :

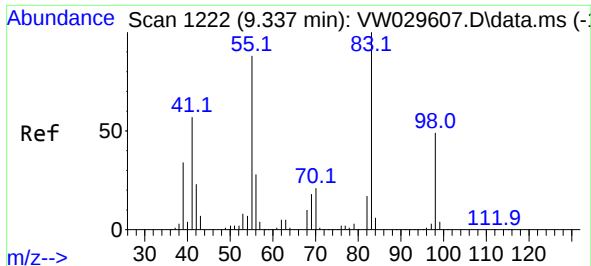
Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
74 11.5 16.2 24.4#



#16
Methylene chloride
Concen: 7.300 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.018 min
Lab File: VW029588.D
Acq: 16 Jul 2024 13:31

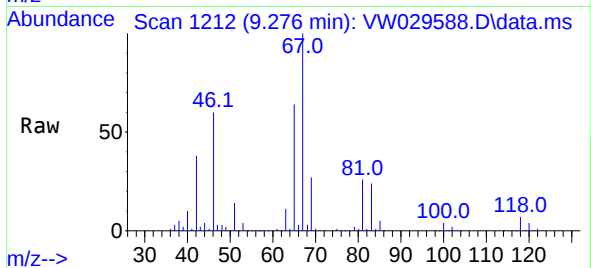
Tgt Ion: 84 Resp: 32197
Ion Ratio Lower Upper
84 100
86 59.9 46.2 85.8
49 137.4 96.7 179.7



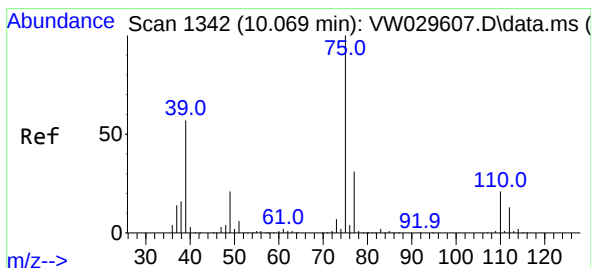
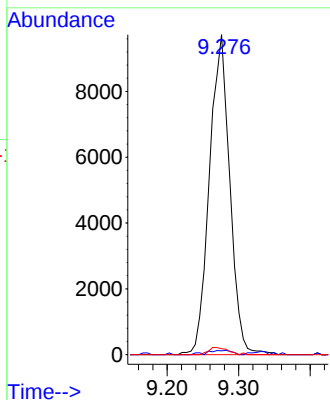
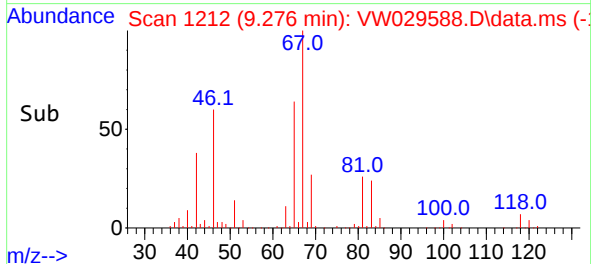


#35
Methylcyclohexane
Concen: 4.378 ug/L
RT: 9.276 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW029588.D
Acq: 16 Jul 2024 13:31

Instrument :
MSVOA_W
ClientSampleId :

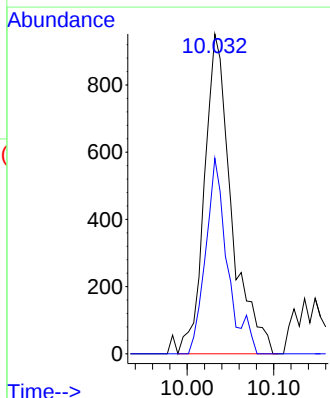
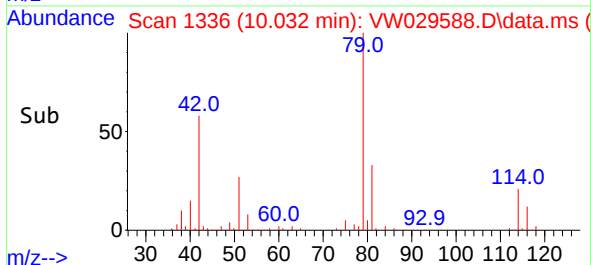
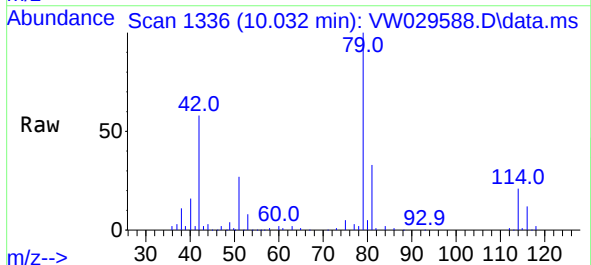


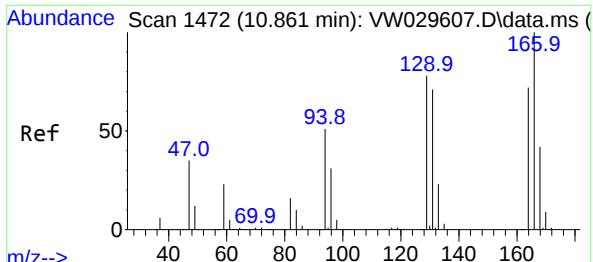
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.4	69.6	104.4#
98	2.1	38.3	57.5#



#39
cis-1,3-Dichloropropene
Concen: 0.478 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.037 min
Lab File: VW029588.D
Acq: 16 Jul 2024 13:31

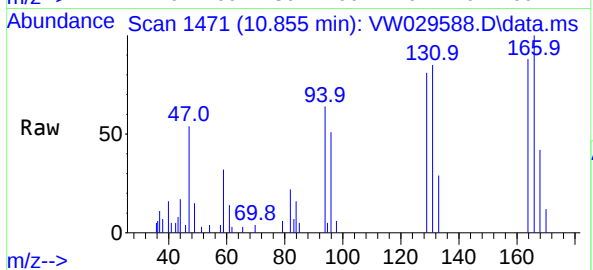
Tgt Ion	Ratio	Lower	Upper
75	100		
77	61.1	22.2	41.2#





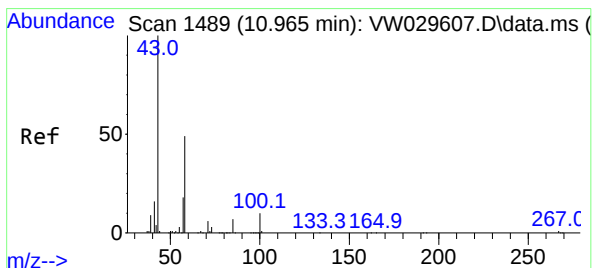
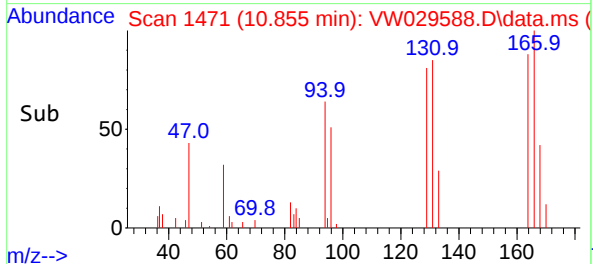
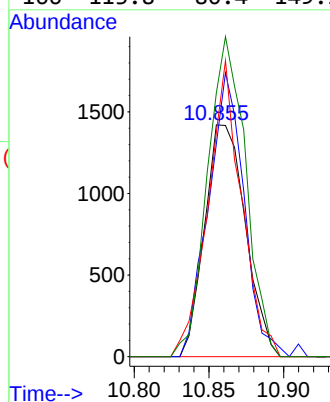
#46
Tetrachloroethene
Concen: 1.386 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW029588.D
Acq: 16 Jul 2024 13:31

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MSVOA_W
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Tgt Ion:164 Resp: 2695

Ion	Ratio	Lower	Upper
164	100		
129	91.8	60.0	111.4
131	96.8	64.6	120.0
166	113.8	80.4	149.2



#48
2-Hexanone
Concen: 4.709 ug/L
RT: 10.953 min Scan# 1487
Delta R.T. -0.012 min
Lab File: VW029588.D
Acq: 16 Jul 2024 13:31

Tgt Ion: 43 Resp: 7146

Ion	Ratio	Lower	Upper
43	100		
58	2.6	39.8	59.8#
57	2.1	14.6	21.8#
100	0.8	8.3	12.5#

