

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026396.D
 Acq On : 28 Jun 2023 14:21
 Operator : SY/MD
 Sample : 03420-08RE
 Misc : 4.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4647

Quant Time: Jun 28 23:51:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

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

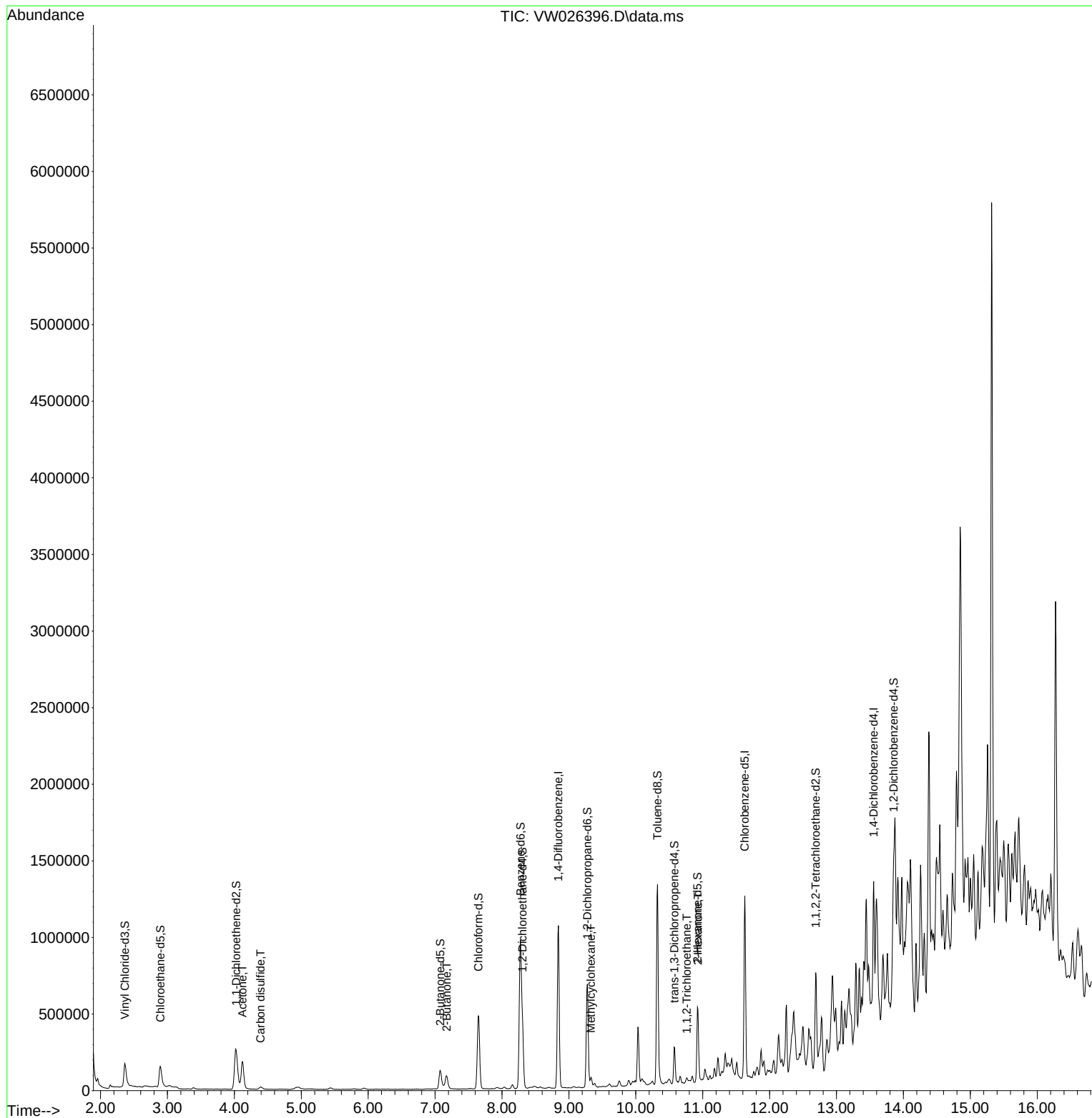
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	825979	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	603127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	210279	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	245579	20.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
7) Chloroethane-d5	2.893	69	218896	25.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.640%
11) 1,1-Dichloroethene-d2	4.027	65	109209	20.102	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.400%
21) 2-Butanone-d5	7.075	46	217055	57.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.120%
24) Chloroform-d	7.648	84	470905	20.119	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.480%
26) 1,2-Dichloroethane-d4	8.307	65	318274	24.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	8.276	84	951082	25.476	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.920%
36) 1,2-Dichloropropane-d6	9.276	67	306642	25.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.120%
41) Toluene-d8	10.325	98	777911	23.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.574	79	128085	26.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.200%
47) 2-Hexanone-d5	10.922	63	143288	76.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.820%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	251898	26.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.520%
66) 1,2-Dichlorobenzene-d4	13.854	152	161619	22.074	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.280%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	318783	105.609	ug/L	99
14) Carbon disulfide	4.393	76	26403	0.700	ug/L	98
22) 2-Butanone	7.173	43	142685	30.894	ug/L	98
35) Methylcyclohexane	9.331	83	16366	0.915	ug/L #	72
45) 1,1,2-Trichloroethane	10.763	97	9241	1.213	ug/L #	36
48) 2-Hexanone	10.928	43	60992	11.766	ug/L #	40

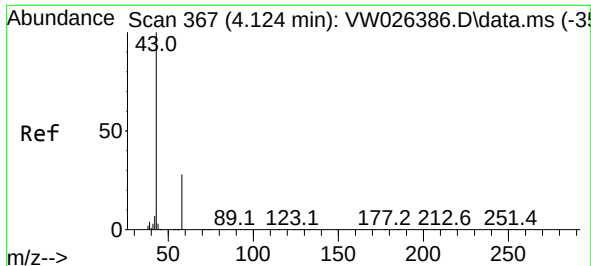
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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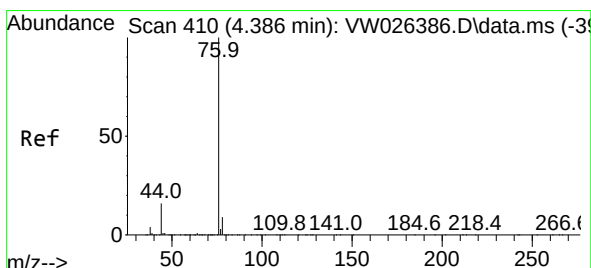
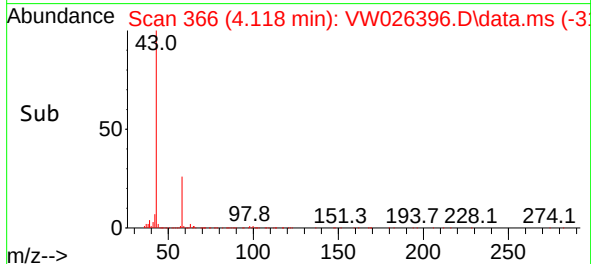
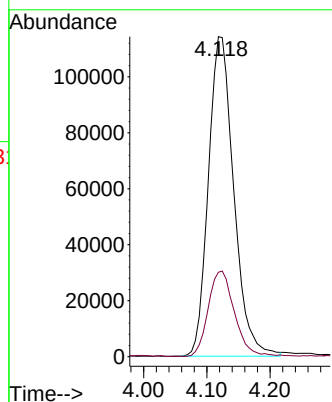
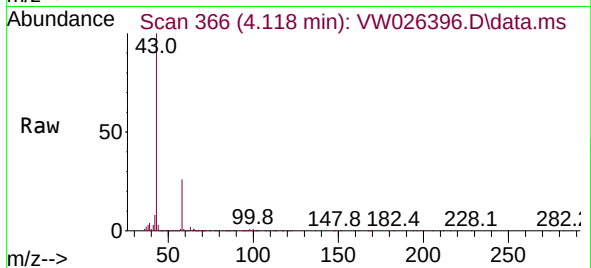




#13
Acetone
Concen: 105.609 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

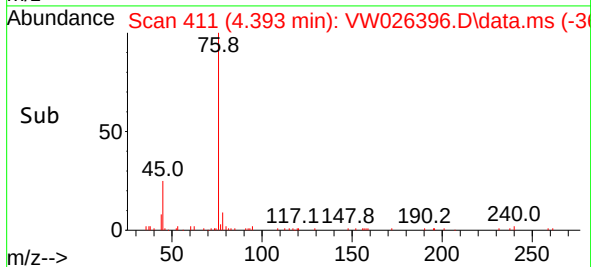
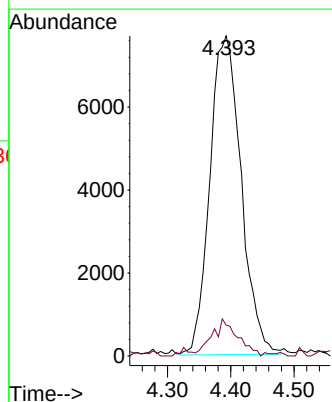
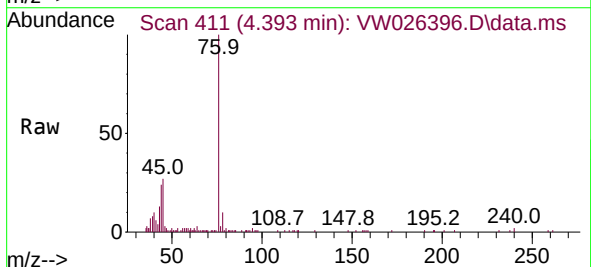
Instrument :
MSVOA_W
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A4647

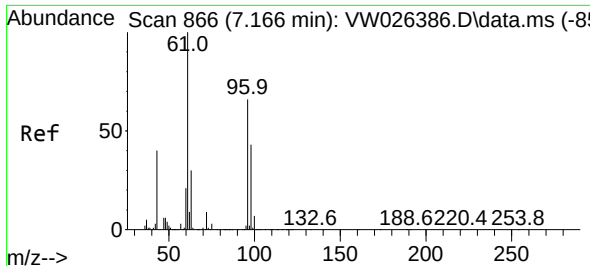
Tgt Ion: 43 Resp: 318783
Ion Ratio Lower Upper
43 100
58 27.2 0.0 55.8



#14
Carbon disulfide
Concen: 0.700 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

Tgt Ion: 76 Resp: 26403
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

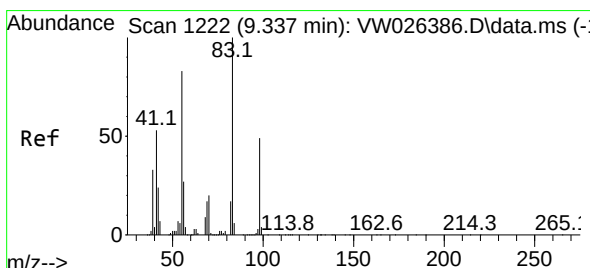
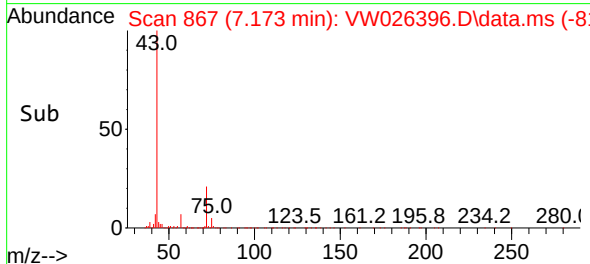
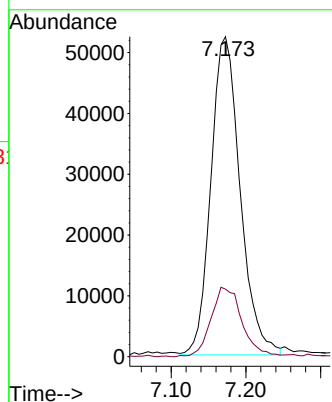
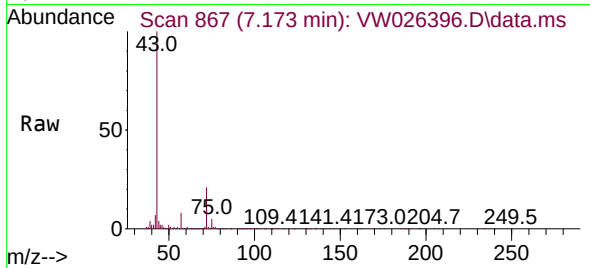




#22
2-Butanone
Concen: 30.894 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

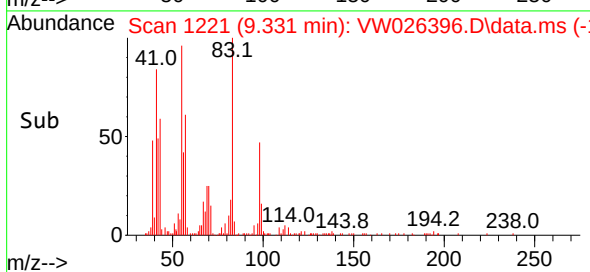
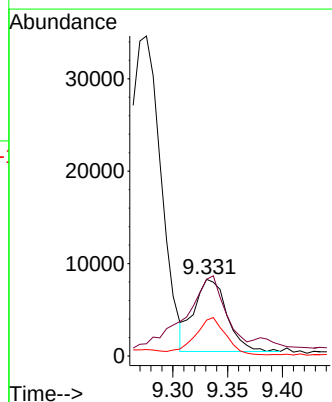
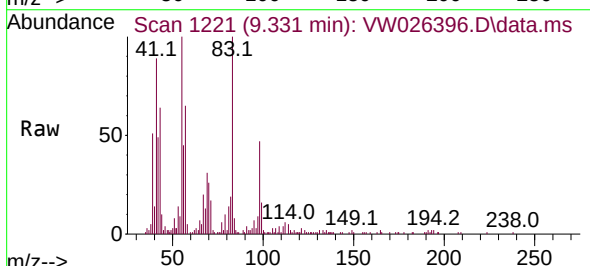
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A4647

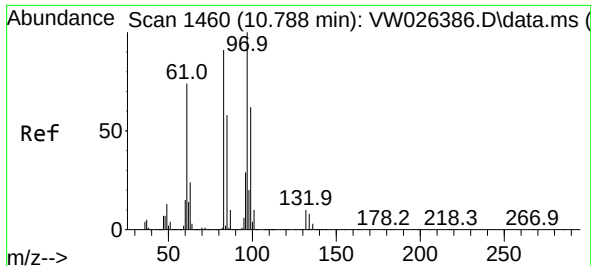
Tgt Ion: 43 Resp: 142685
Ion Ratio Lower Upper
43 100
72 22.3 11.8 35.3



#35
Methylcyclohexane
Concen: 0.915 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

Tgt Ion: 83 Resp: 16366
Ion Ratio Lower Upper
83 100
55 125.3 68.8 103.2#
98 48.0 37.8 56.6

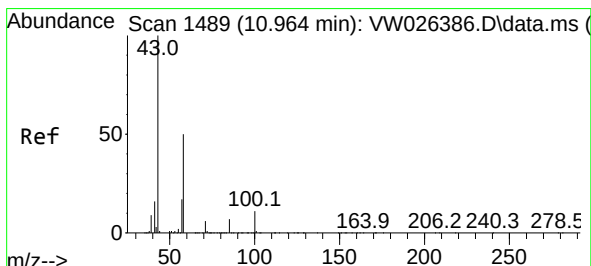
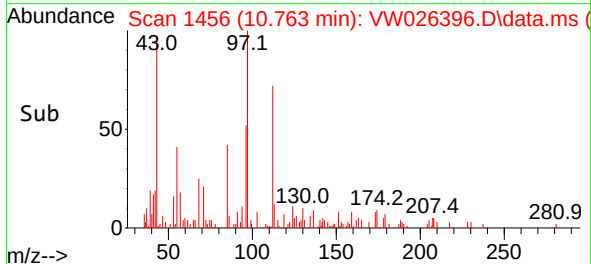
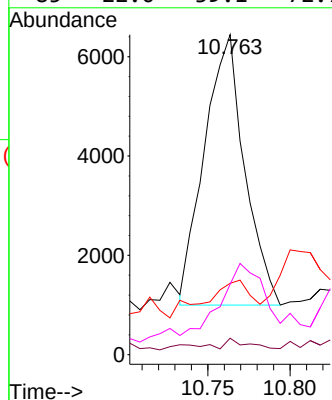
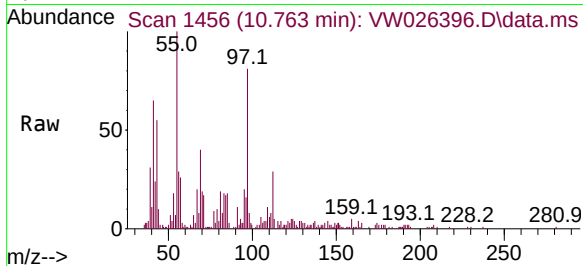




#45
1,1,2-Trichloroethane
Concen: 1.213 ug/L
RT: 10.763 min Scan# 1456
Delta R.T. -0.024 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

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MSVOA_W
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Tgt Ion:	97	Resp:	9241
Ion	Ratio	Lower	Upper
97	100		
99	5.2	42.4	78.6#
83	22.3	60.8	113.0#
85	22.0	39.1	72.7#



#48
2-Hexanone
Concen: 11.766 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.036 min
Lab File: VW026396.D
Acq: 28 Jun 2023 14:21

Tgt Ion:	43	Resp:	60992
Ion	Ratio	Lower	Upper
43	100		
58	9.2	40.1	60.1#
57	52.6	13.4	20.0#
100	0.1	8.2	12.2#

