

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026440.D
 Acq On : 29 Jun 2023 18:26
 Operator : SY/MD
 Sample : 03452-21
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Q0

Quant Time: Jun 30 01:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

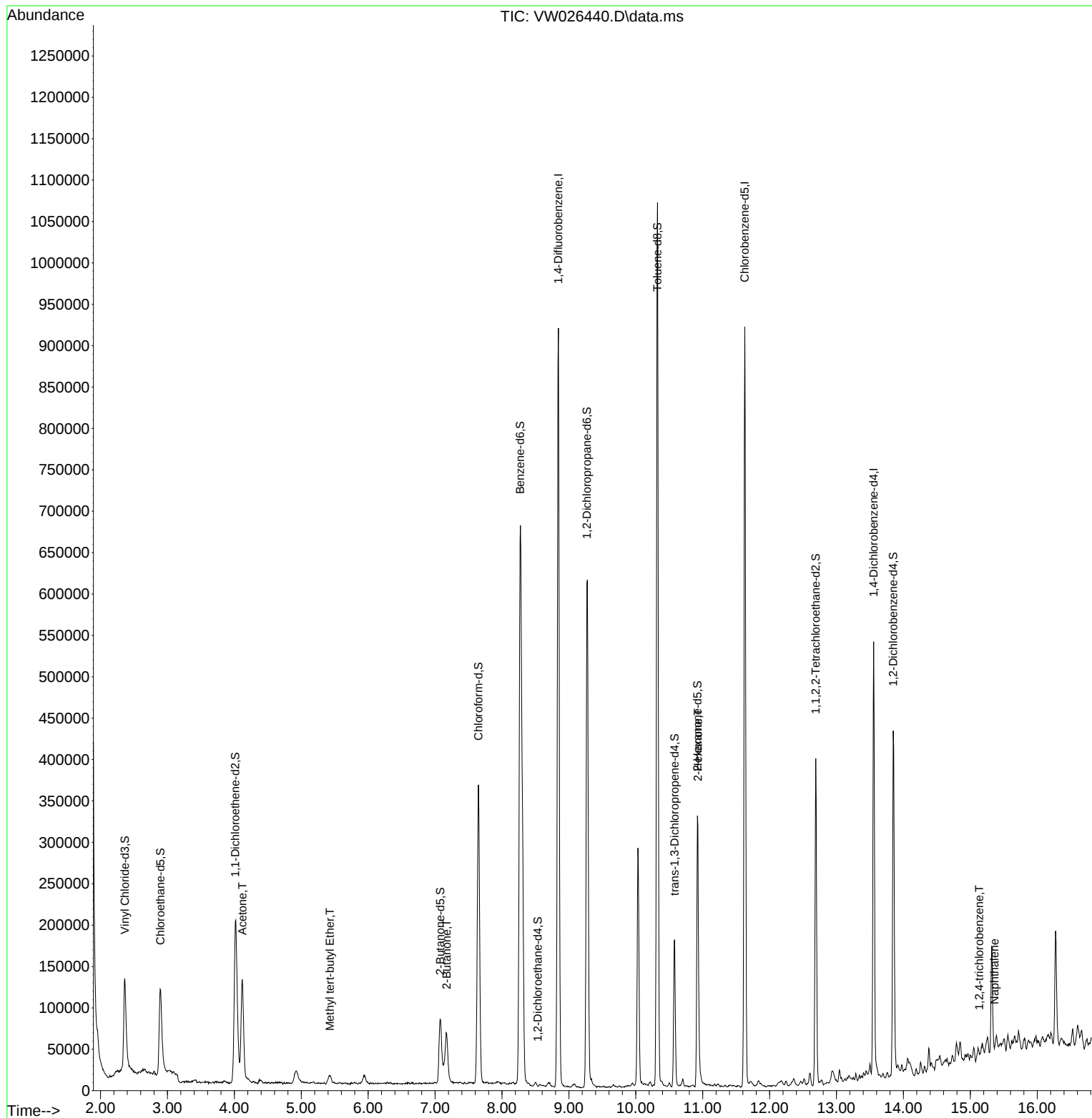
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	735129	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	482007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	183953	21.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.920%
7) Chloroethane-d5	2.893	69	173746	25.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.960%
11) 1,1-Dichloroethene-d2	4.015	65	79521	18.988	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.960%
21) 2-Butanone-d5	7.075	46	139062	43.962	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.920%
24) Chloroform-d	7.648	84	342855	19.134	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.520%
26) 1,2-Dichloroethane-d4	8.532	65	87	0.009	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.270	84	671279	23.946	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	9.270	67	304007	34.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.120%#
41) Toluene-d8	10.325	98	697828	28.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.720%
43) trans-1,3-Dichloroprop...	10.581	79	99925	27.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.000%
47) 2-Hexanone-d5	10.922	63	113500	75.962	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.920%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196658	28.507	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	105128	23.175	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.680%
Target Compounds					Qvalue	
13) Acetone	4.118	43	217624	97.389	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	13811	0.954	ug/L #	87
22) 2-Butanone	7.173	43	99905	27.270	ug/L	93
48) 2-Hexanone	10.928	43	21451	5.809	ug/L #	65
70) 1,2,4-trichlorobenzene	15.135	180	2610	0.556	ug/L #	75
71) Naphthalene	15.360	128	6489	0.678	ug/L #	92

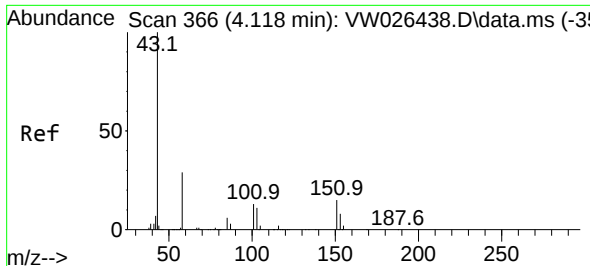
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 30 01:16:39 2023
Response via : Initial Calibration





#13

Acetone

Concen: 97.389 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW026440.D

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Instrument :

MSVOA_W

ClientSampleId :

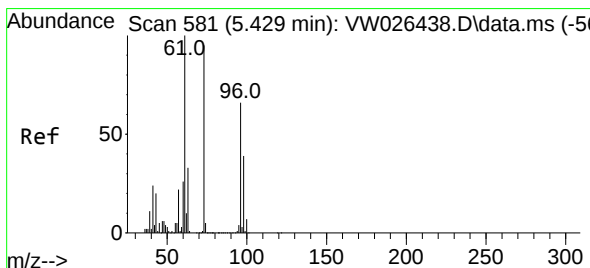
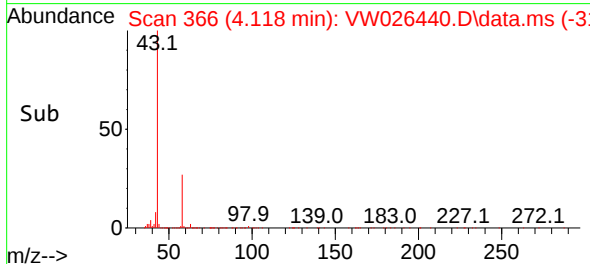
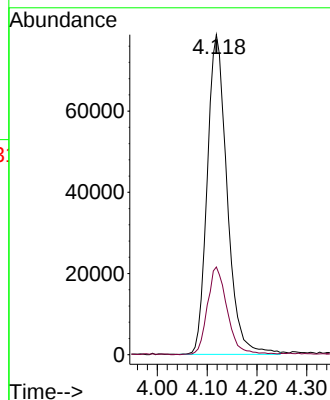
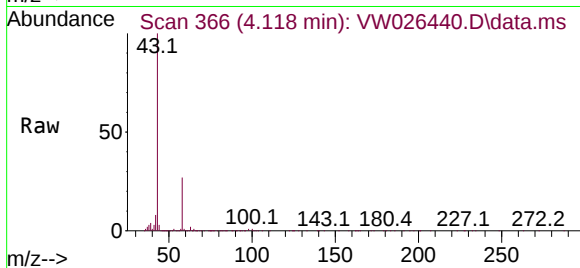
A46Q0

Tgt Ion: 43 Resp: 217624

Ion Ratio Lower Upper

43 100

58 27.2 0.0 63.2



#18

Methyl tert-butyl Ether

Concen: 0.954 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

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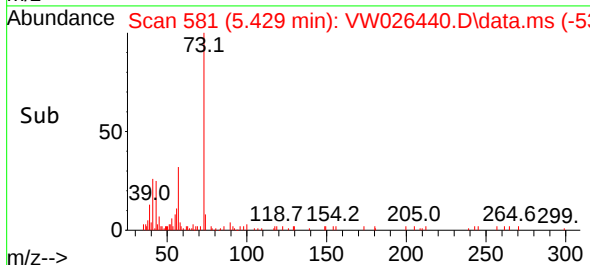
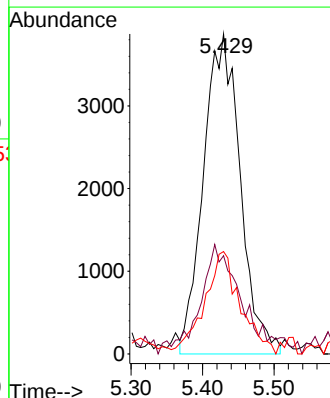
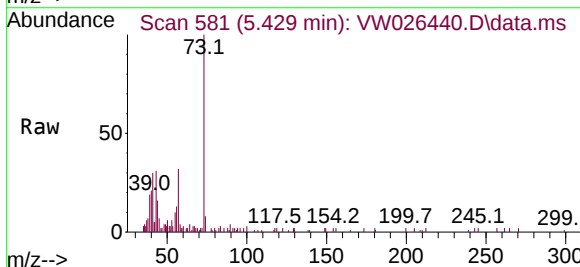
Tgt Ion: 73 Resp: 13811

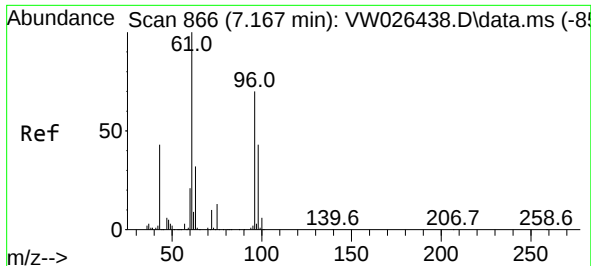
Ion Ratio Lower Upper

73 100

43 25.9 16.6 25.0#

57 31.2 19.3 28.9#

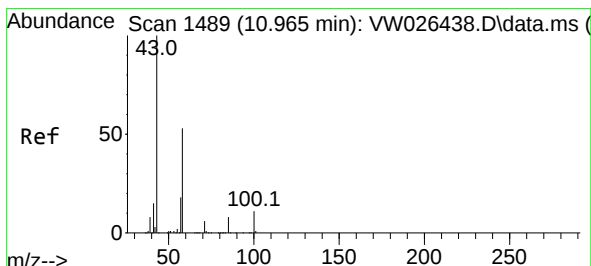
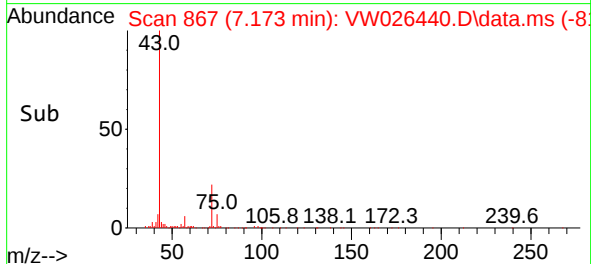
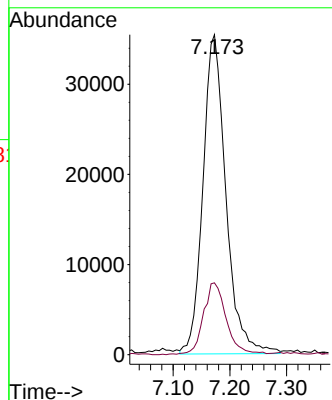
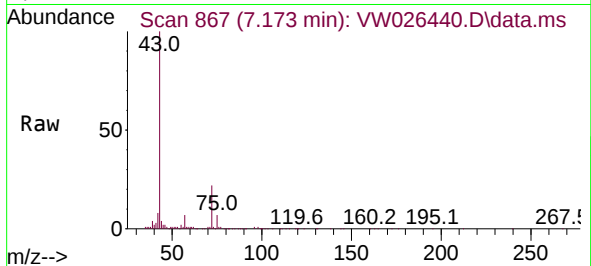




#22
2-Butanone
Concen: 27.270 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026440.D
Acq: 29 Jun 2023 18:26

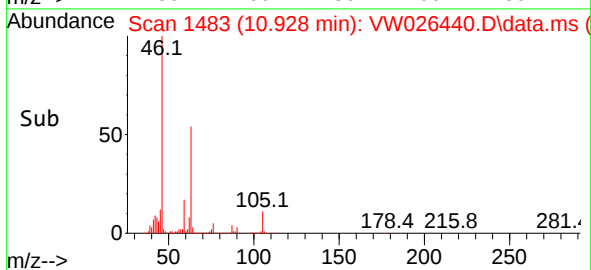
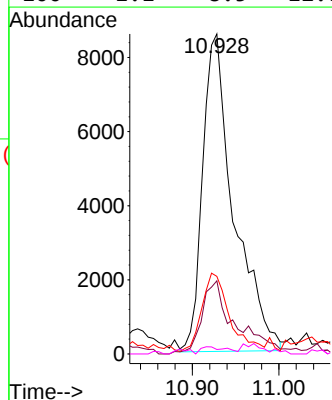
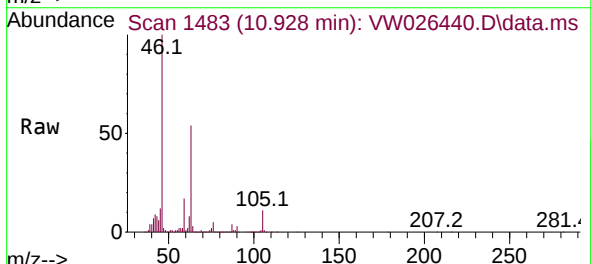
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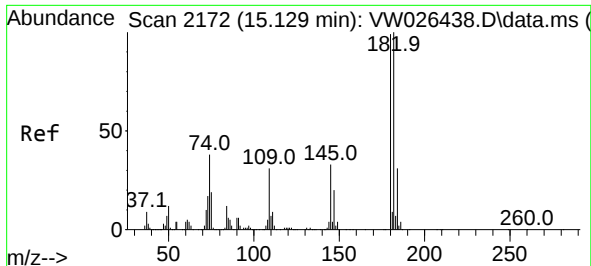
Tgt Ion: 43 Resp: 99905
Ion Ratio Lower Upper
43 100
72 21.9 12.6 37.8



#48
2-Hexanone
Concen: 5.809 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.036 min
Lab File: VW026440.D
Acq: 29 Jun 2023 18:26

Tgt Ion: 43 Resp: 21451
Ion Ratio Lower Upper
43 100
58 19.5 42.1 63.1#
57 21.7 14.5 21.7
100 1.1 8.5 12.7#

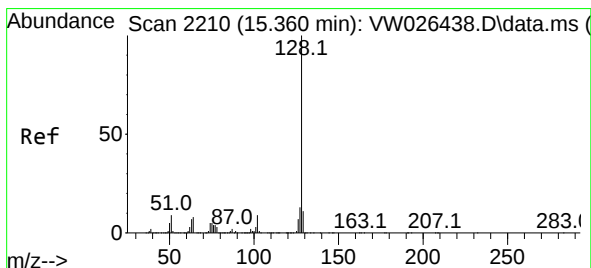
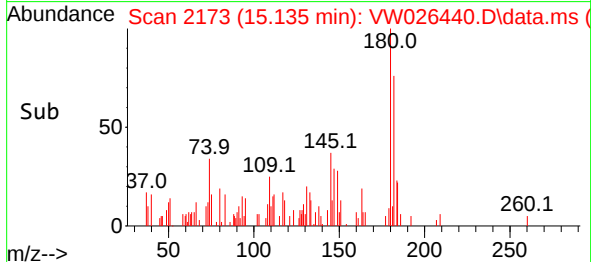
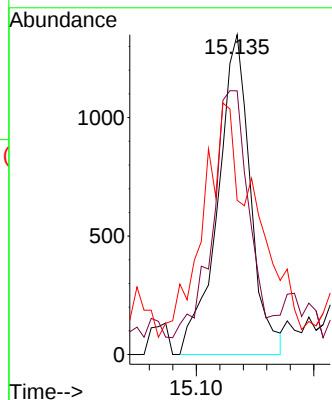
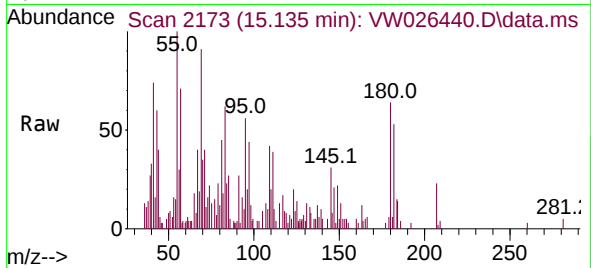




#70
1,2,4-trichlorobenzene
Concen: 0.556 ug/L
RT: 15.135 min Scan# 2173
Delta R.T. 0.006 min
Lab File: VW026440.D
Acq: 29 Jun 2023 18:26

Instrument :
MSVOA_W
ClientSampleId :
A46Q0

Tgt Ion:180 Resp: 2610
Ion Ratio Lower Upper
180 100
182 90.3 75.5 113.3
145 80.1 26.2 39.2#



#71
Naphthalene
Concen: 0.678 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026440.D
Acq: 29 Jun 2023 18:26

Tgt Ion:128 Resp: 6489
Ion Ratio Lower Upper
128 100
127 9.0 10.4 15.6#
129 12.4 8.3 12.5

