

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100720\
 Data File : VX018827.D
 Acq On : 07 Oct 2020 21:56
 Operator : JC/SP
 Sample : L4286-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR3

Quant Time: Oct 08 04:13:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	140441	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	135628	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	61568	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	31394	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.70	69	30743	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.34	63	57790	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.54	46	137436	63.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.74%
24) Chloroform-d	5.14	84	92721	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	6.03	65	57716	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	6.05	84	161175	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	7.37	67	51104	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	8.70	98	140146	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
45) trans-1,3-Dichloropropene-	8.99	79	22199	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	9.43	63	105476	60.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.06%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	41541	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	60177	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

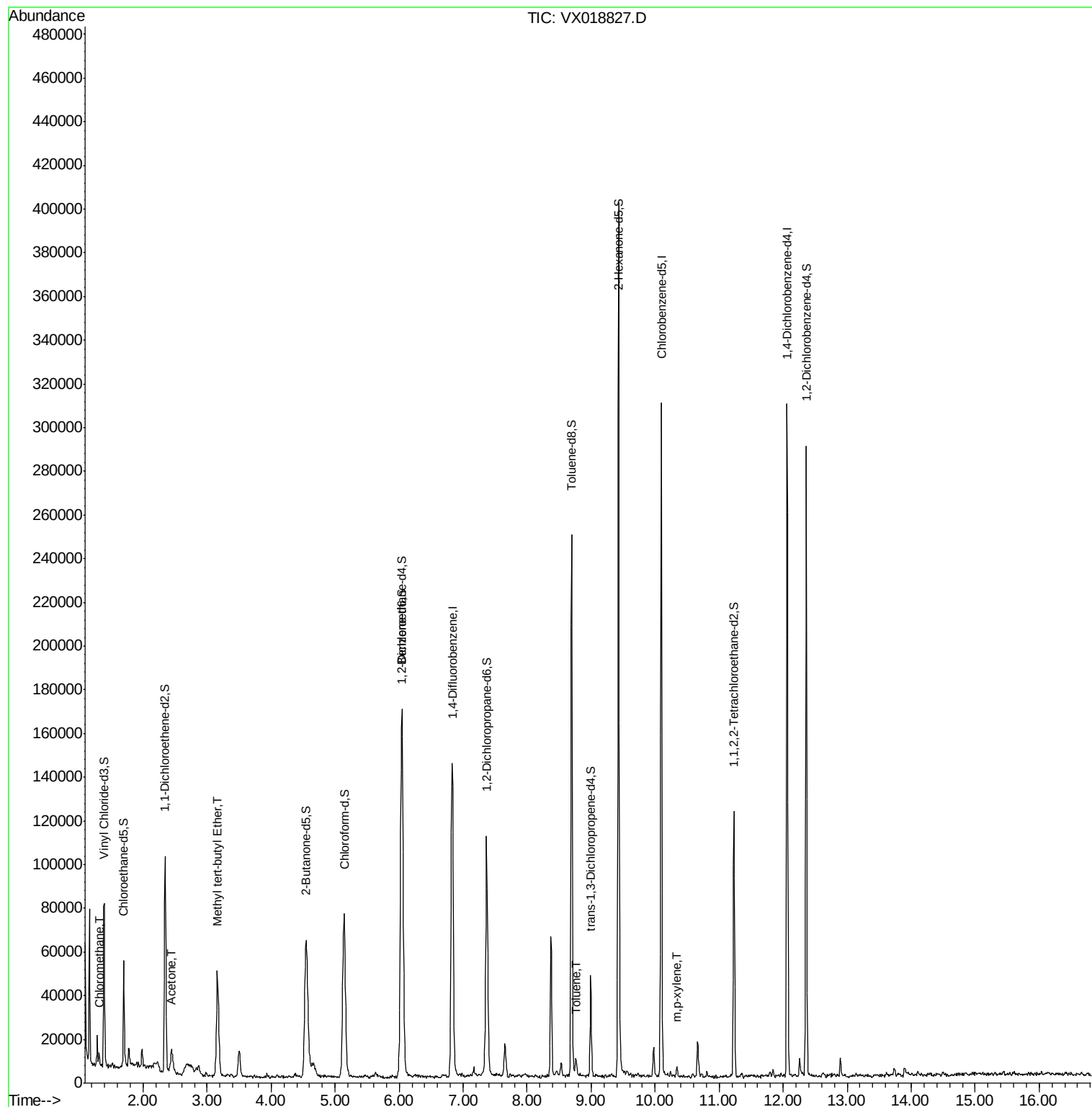
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	3478	0.512	ug/L	85
13) Acetone	2.45	43	19204	16.346	ug/L	96
17) Methyl tert-butyl Ether	3.16	73	48576	2.692	ug/L #	92
42) Toluene	8.76	91	4267	0.137	ug/L	87
55) m,p-xylene	10.34	106	988	0.073	ug/L	96

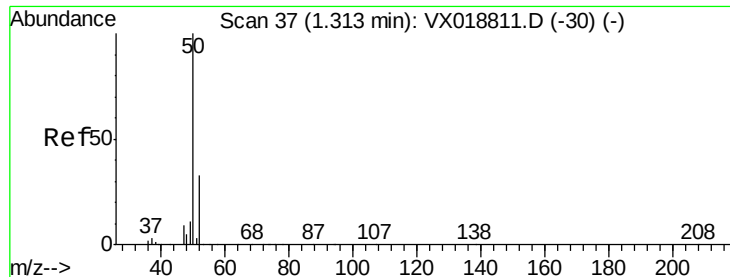
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.512 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018827.D

Acq: 07 Oct 2020 21:56

Instrument :

MSVOA_X

ClientSampled :

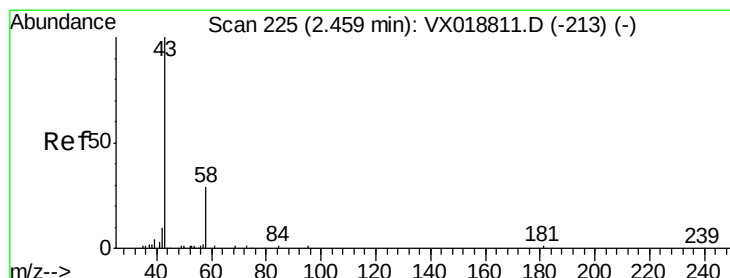
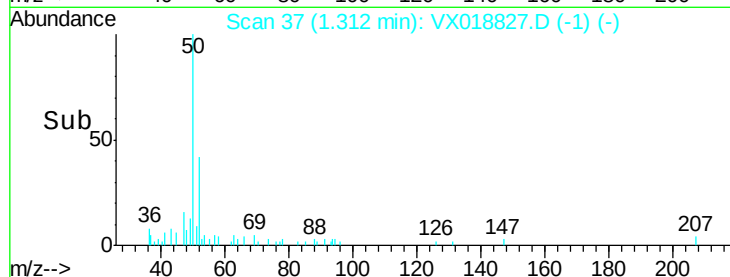
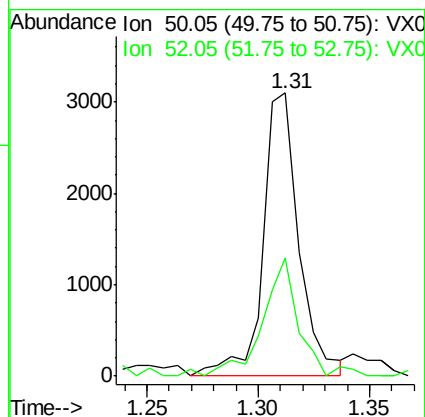
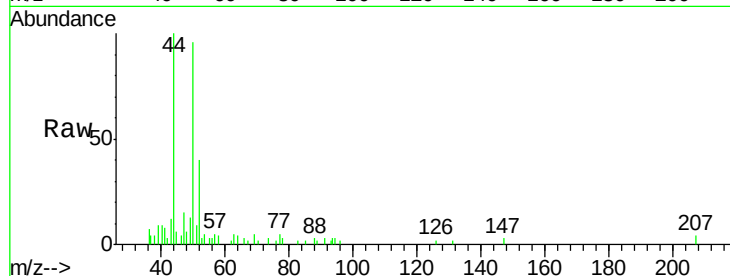
C0AR3

Tot Ion: 50 Resp: 3478

Ion Ratio Lower Upper

50 100

52 41.8 23.4 43.6



#13

Acetone

Concen: 16.346 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

Lab File: VX018827.D

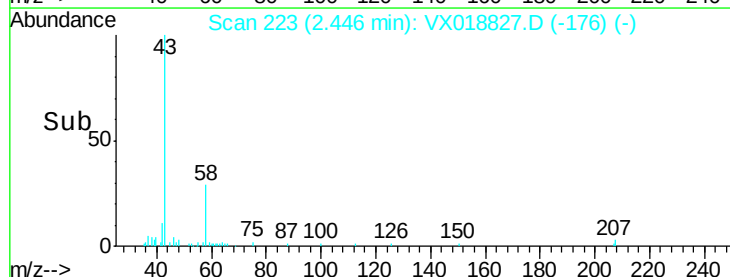
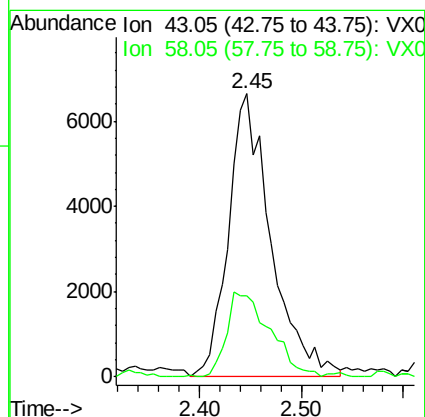
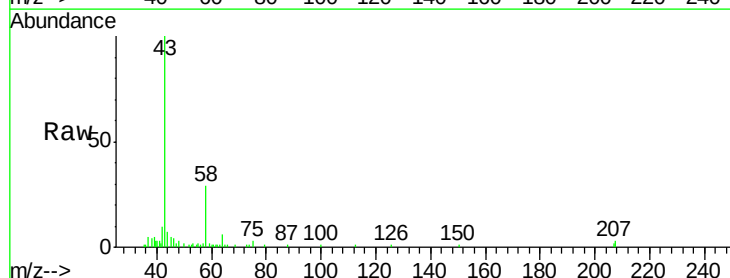
Acq: 07 Oct 2020 21:56

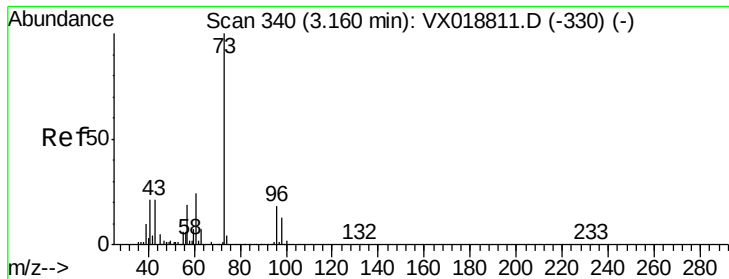
Tgt Ion: 43 Resp: 19204

Ion Ratio Lower Upper

43 100

58 30.3 0.0 56.4

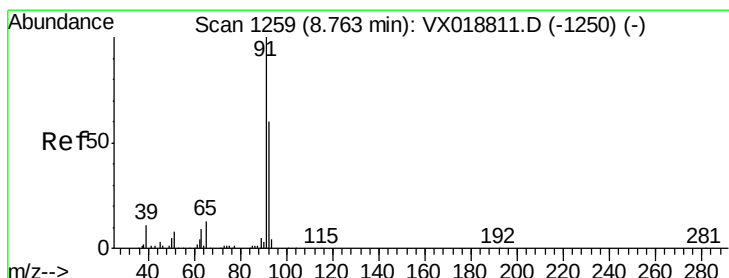
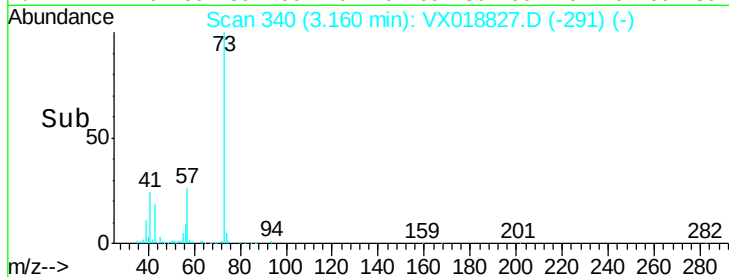
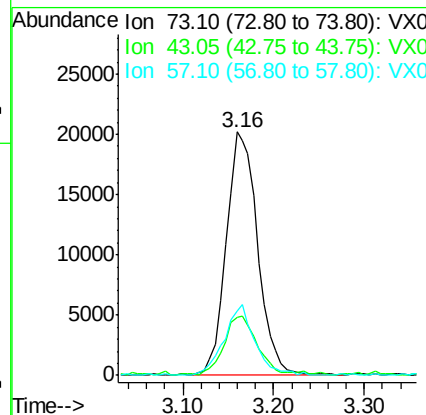
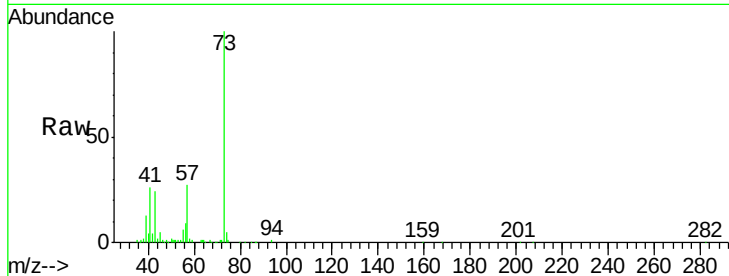




#17
Methvl tert-butyl Ether
Concen: 2.692 ug/L
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
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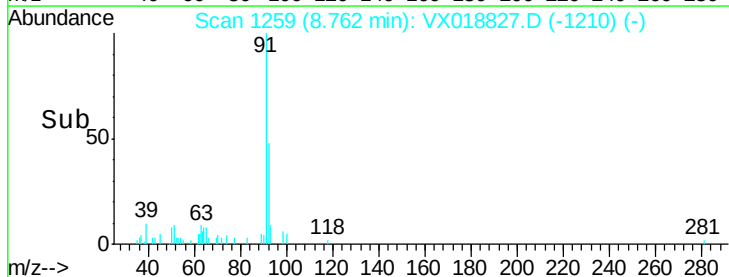
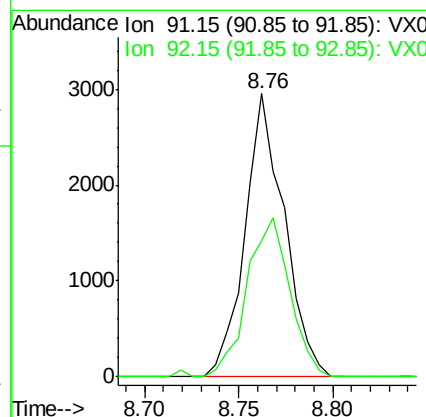
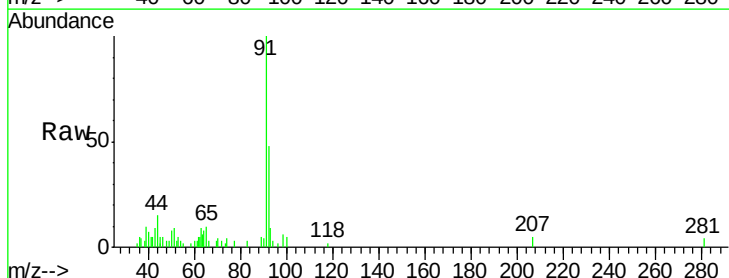
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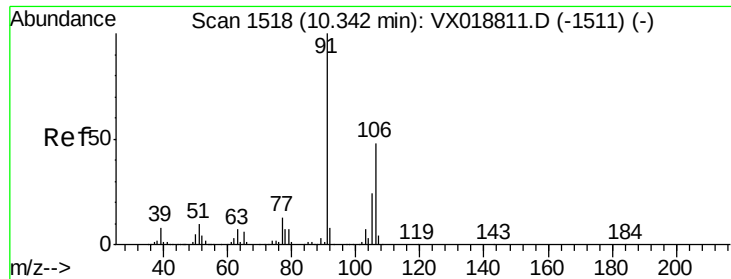
Tot Ion: 73 Resp: 48576
Ion Ratio Lower Upper
73 100
43 25.0 19.4 29.0
57 28.7 17.2 25.8#



#42
Toluene
Concen: 0.137 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX018827.D
Acq: 07 Oct 2020 21:56

Tgt Ion: 91 Resp: 4267
Ion Ratio Lower Upper
91 100
92 48.0 40.3 74.9

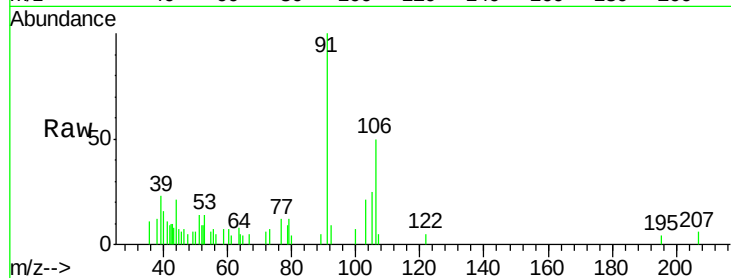




#55
 m,p-xylene
 Concen: 0.073 ug/L
 RT: 10.34 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: VX018827.D
 Acq: 07 Oct 2020 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR3

Tot Ion:106 Resp: 988
 Ion Ratio Lower Upper
 106 100
 91 198.4 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V
 Ion 91.15 (90.85 to 91.85): VX0

