

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030763.D
 Acq On : 05 Apr 2019 23:54
 Operator : JC/SP
 Sample : K2260-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ56

Quant Time: Apr 06 04:49:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	443004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	430467	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	213645	54.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.04%
7) Chloroethane-d5	1.68	69	163413	54.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.88%
11) 1,1-Dichloroethene-d2	2.27	63	290872	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.34%
21) 2-Butanone-d5	4.17	46	332439	106.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.07%
24) Chloroform-d	4.64	84	281563	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
26) 1,2-Dichloroethane-d4	5.31	65	219524	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.52%
32) Benzene-d6	5.34	84	656110	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
36) 1,2-Dichloropropane-d6	6.33	67	231330	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.44%
41) Toluene-d8	7.56	98	557739	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%
43) trans-1,3-Dichloropropene-	7.85	79	88147	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.78%
47) 2-Hexanone-d5	8.31	63	189045	96.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300751	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	184811	54.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.16%

Target Compounds

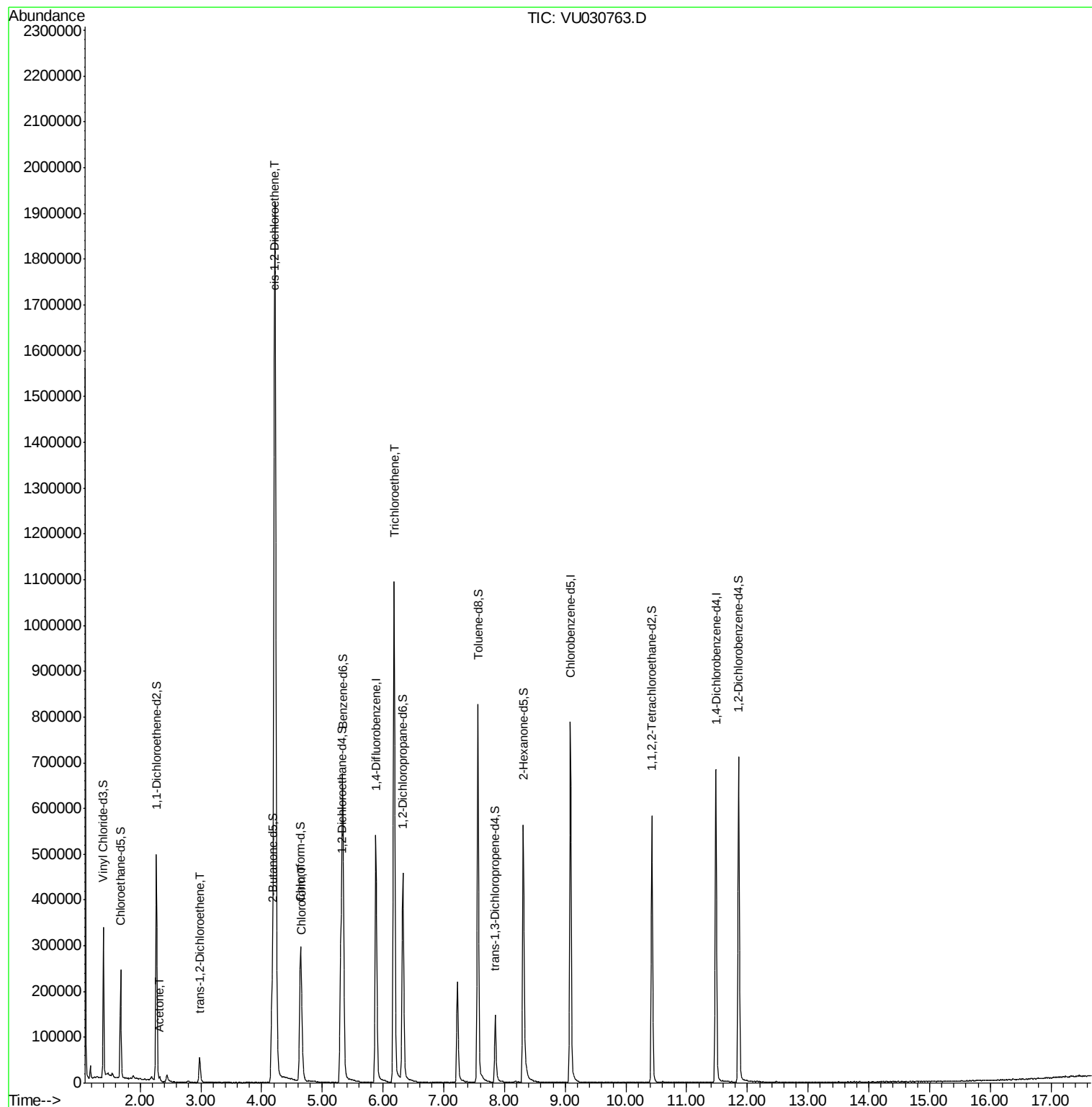
					Ovalue
13) Acetone	2.32	43	5979	1.864	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	21729	6.683	ug/L 95
20) cis-1,2-Dichloroethene	4.22	96	1029443	286.740	ug/L 97
25) Chloroform	4.67	83	41921	6.216	ug/L 95
34) Trichloroethene	6.18	95	403297	116.728	ug/L 99

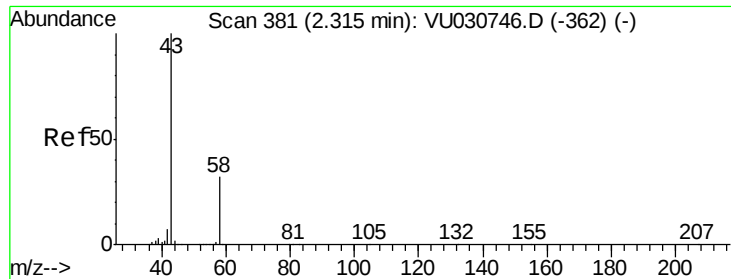
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.864 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU030763.D

Acq: 05 Apr 2019 23:54

Instrument :

MSVOA_U

ClientSampleId :

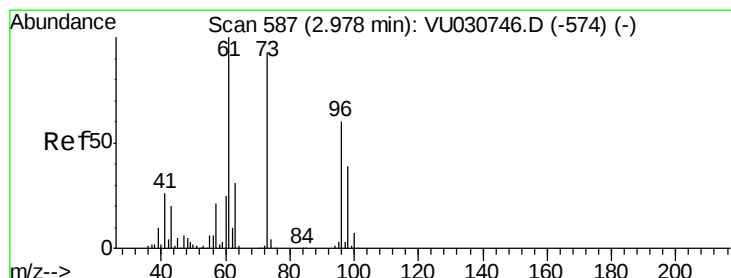
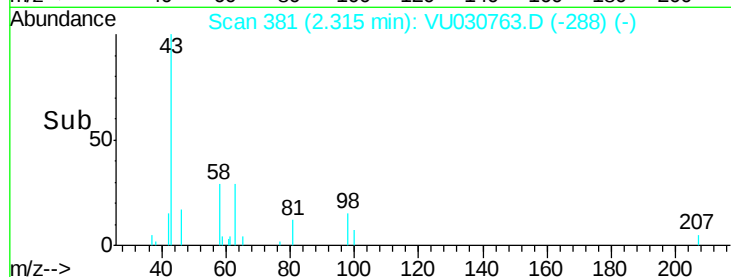
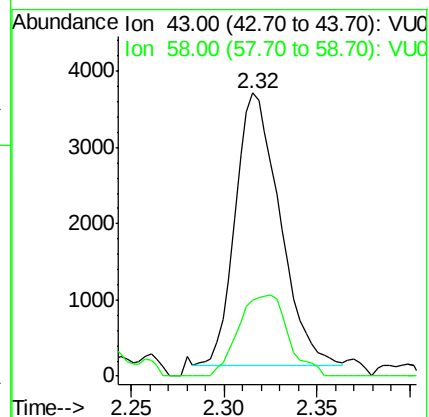
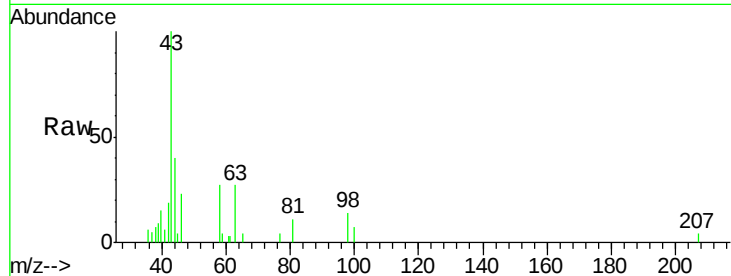
ETJ56

Tot Ion: 43 Resp: 5979

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#17

trans-1,2-Dichloroethene

Concen: 6.683 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

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Acq: 05 Apr 2019 23:54

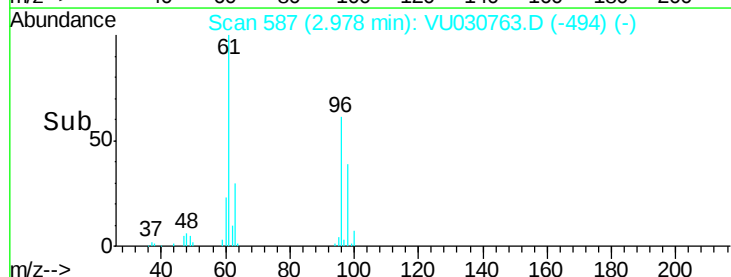
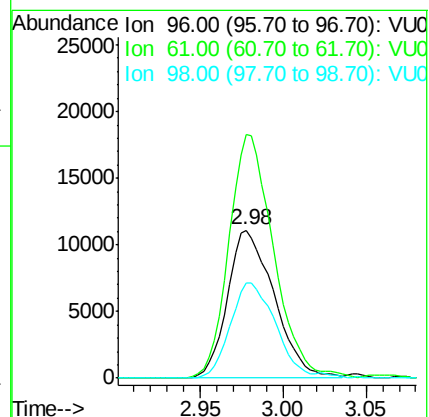
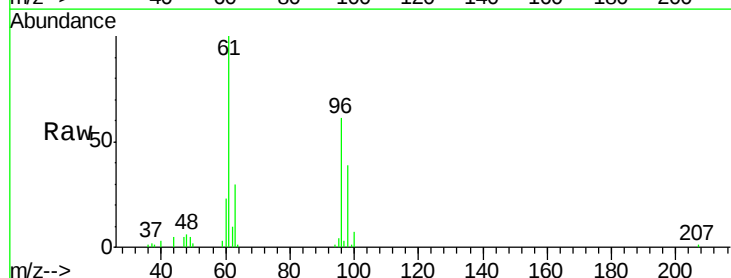
Tgt Ion: 96 Resp: 21729

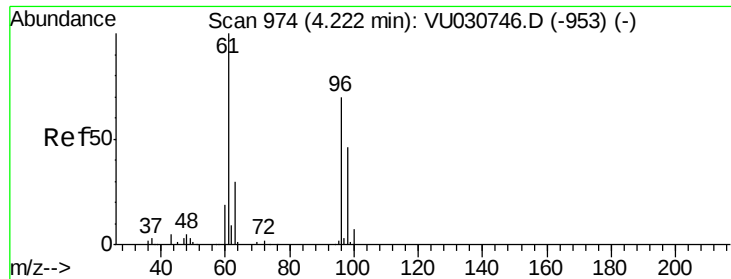
Ion Ratio Lower Upper

96 100

61 164.7 109.5 203.3

98 64.6 44.0 81.6



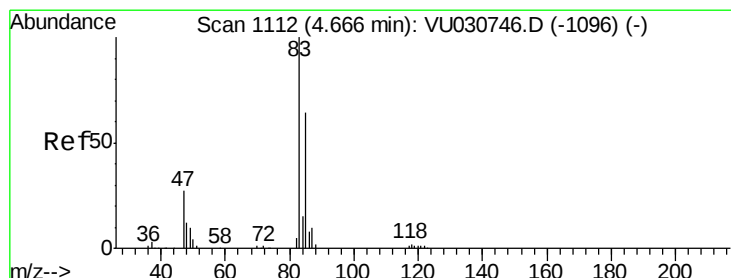
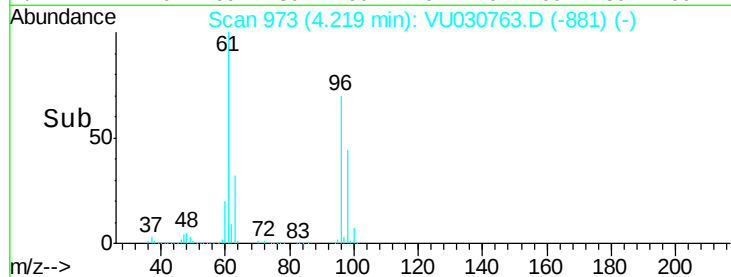
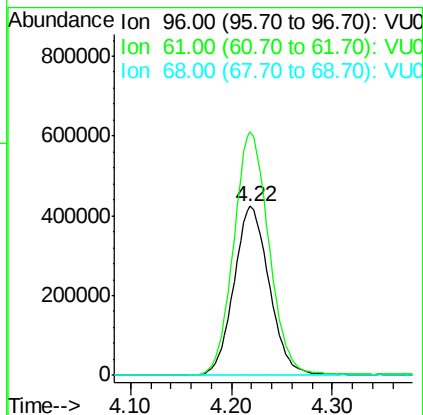
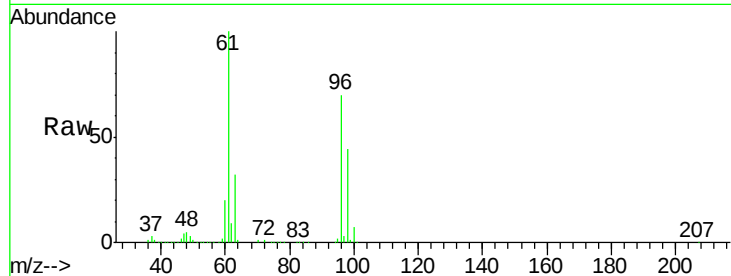


#20

cis-1,2-Dichloroethene
 Concen: 286.740 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030763.D
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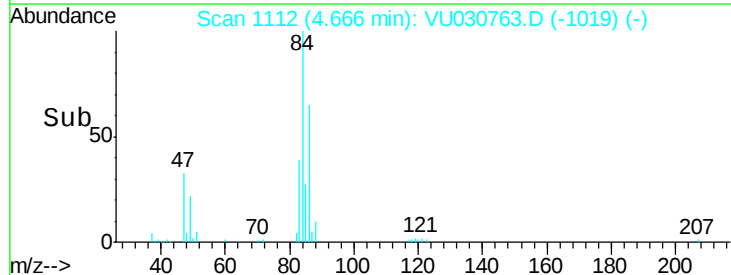
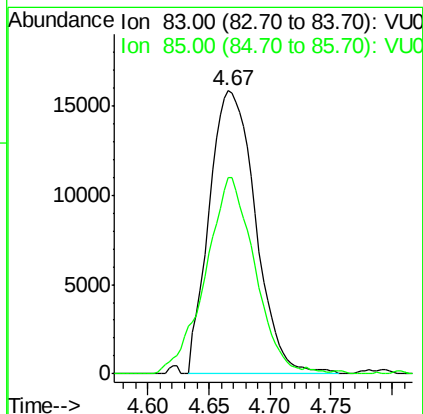
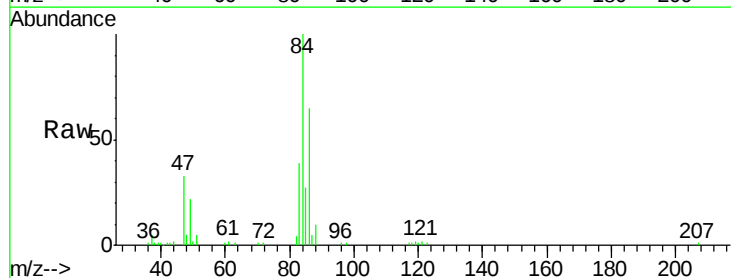
Tot Ion: 96 Resp: 1029443
 Ion Ratio Lower Upper
 96 100
 61 143.8 102.9 191.1
 68 0.0 0.0 0.0

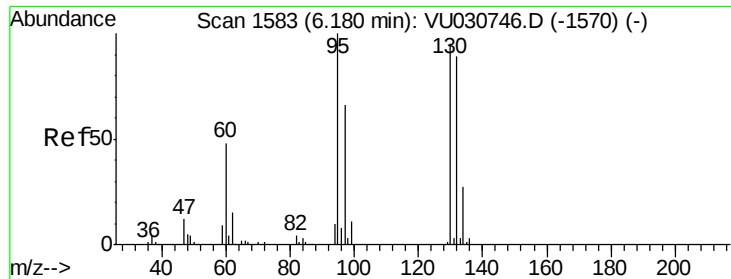


#25

Chloroform
 Concen: 6.216 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VU030763.D
 Acq: 05 Apr 2019 23:54

Tgt Ion: 83 Resp: 41921
 Ion Ratio Lower Upper
 83 100
 85 69.5 45.8 85.0

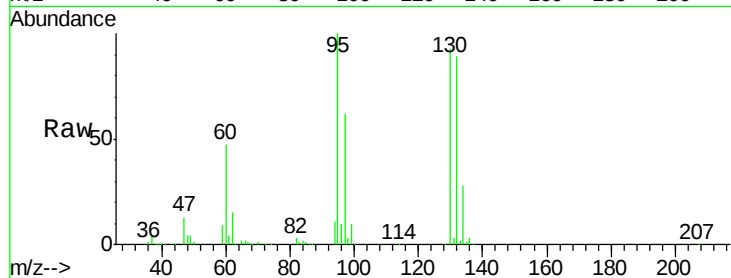




#34
 Trichloroethene
 Concen: 116.728 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU030763.D
 Acq: 05 Apr 2019 23:54

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ56

Tot Ion:	95	Resp:	403297
Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.5	82.7
132	88.6	61.5	114.1
130	93.0	64.9	120.5



Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

