

Data File : VU037321.D  
 Acq On : 17 Mar 2020 16:52  
 Operator : JC/MD  
 Sample : L1494-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CONG8

Quant Time: Mar 18 02:40:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 18 02:36:04 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	416001	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	402027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161698	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122398	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.04%
7) Chloroethane-d5	1.93	69	114408	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.59	63	187894	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.67	46	267068	104.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	5.11	84	286654	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
26) 1,2-Dichloroethane-d4	5.74	65	212924	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.76	84	525312	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.72	67	175215	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.74%
41) Toluene-d8	7.93	98	494370	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%
43) trans-1,3-Dichloropropene-	8.20	79	90909	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.20%
47) 2-Hexanone-d5	8.66	63	188456	100.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	267734	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	182484	54.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.82%

Target Compounds

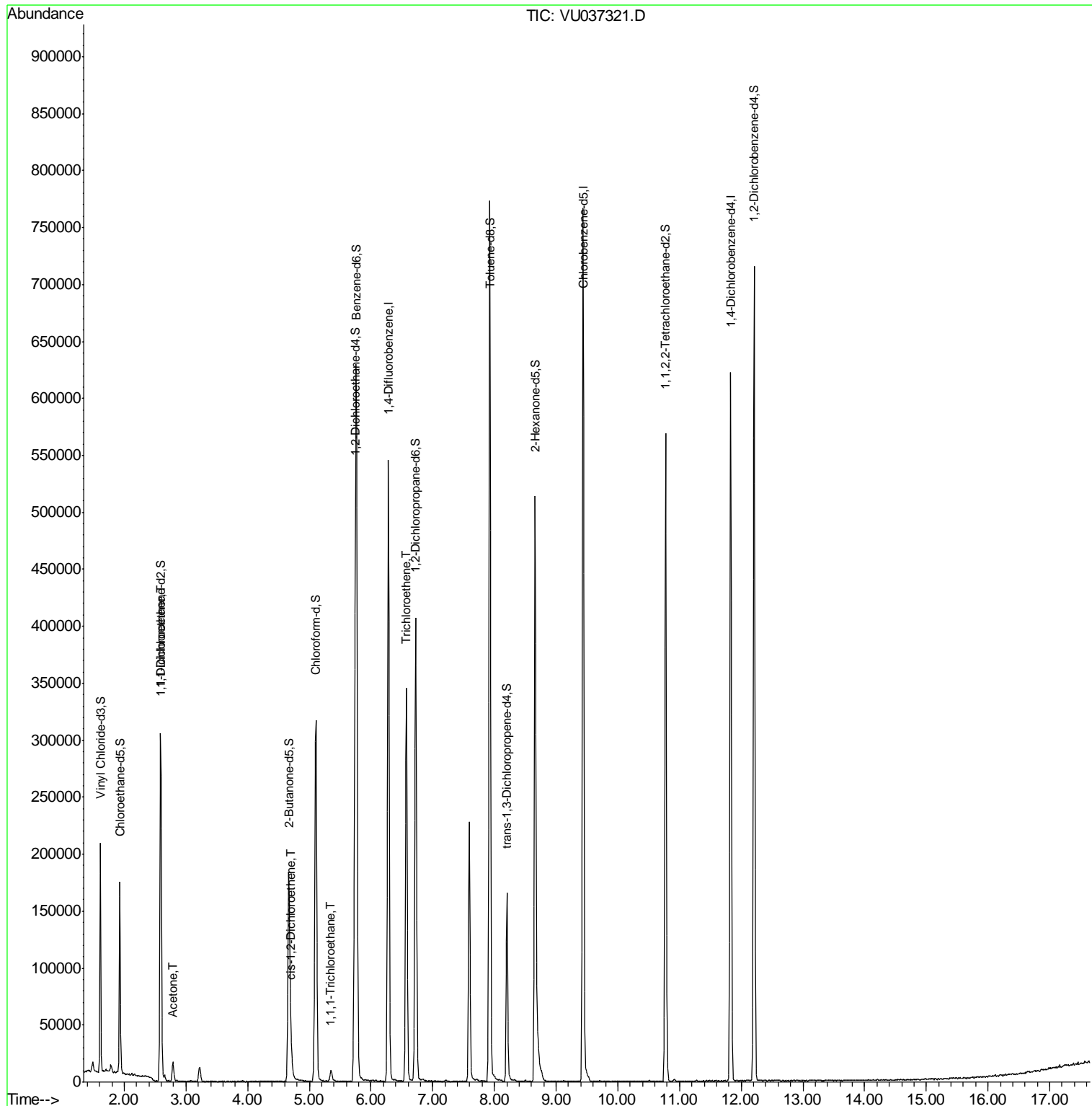
						Qvalue
12) 1,1-Dichloroethene	2.60	96	7724	3.146	ug/L #	1
13) Acetone	2.79	43	4883	2.020	ug/L	51
20) cis-1,2-Dichloroethene	4.71	96	8908	2.863	ug/L	74
30) 1,1,1-Trichloroethane	5.35	97	6885	1.290	ug/L	97
34) Trichloroethene	6.57	95	113571	36.883	ug/L	100

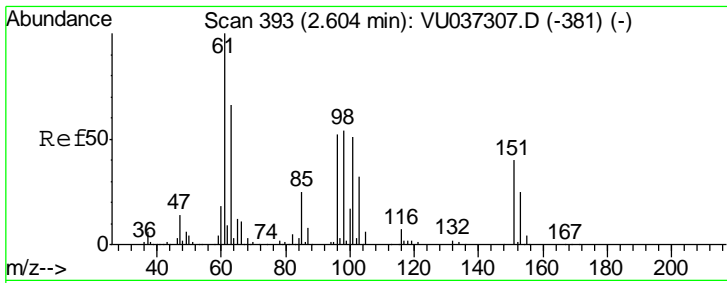
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0NG8

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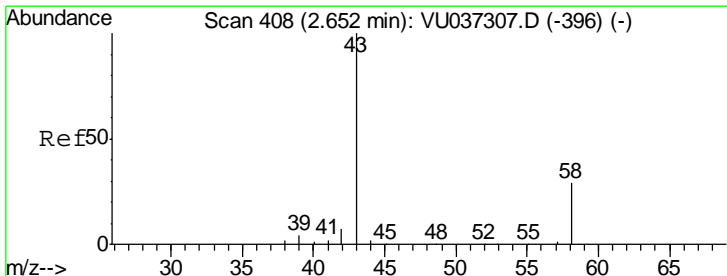
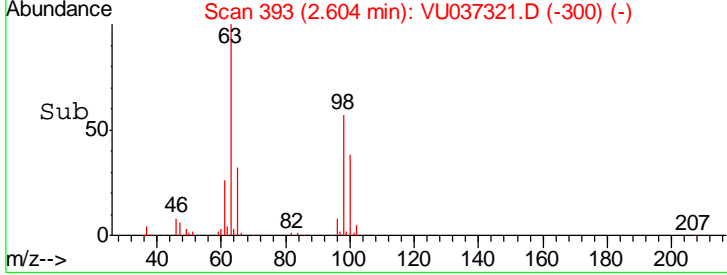
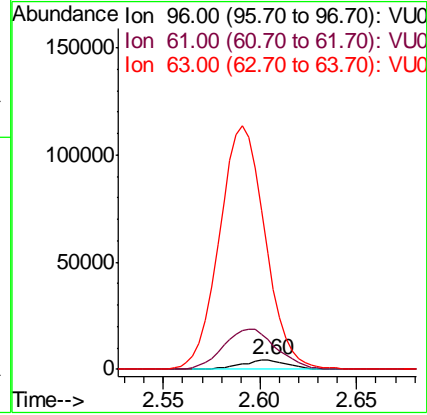
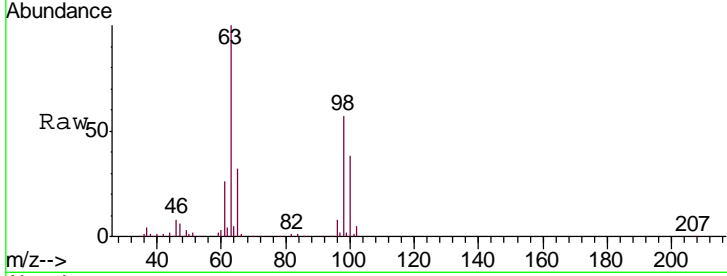




#12  
 1,1-Dichloroethene  
 Concen: 3.146 ug/L  
 RT: 2.60 min Scan# 393  
 Delta R.T. 0.00 min  
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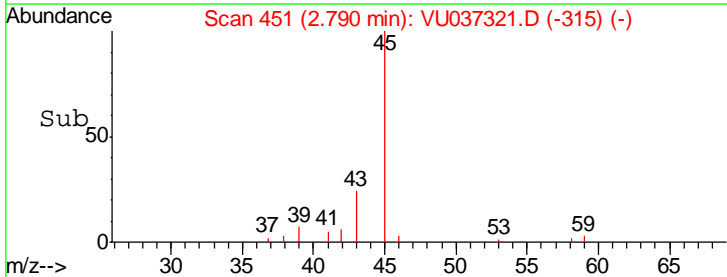
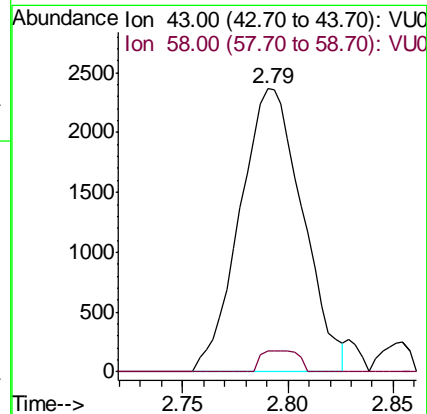
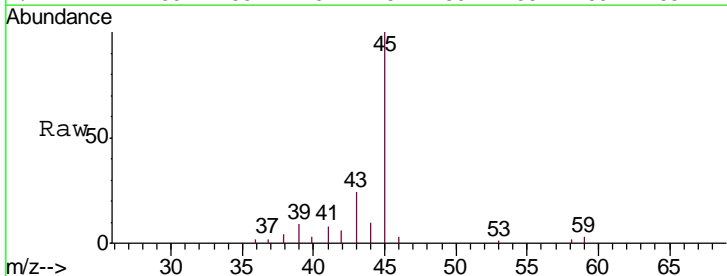
Instrument : MSVOA\_U  
 ClientSampled : CONG8

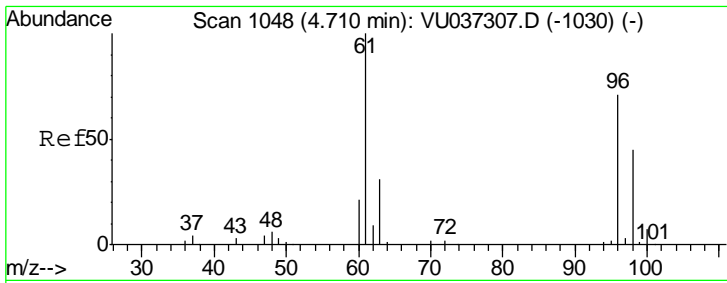
Tgt Ion: 96 Resp: 7724  
 Ion Ratio Lower Upper  
 96 100  
 61 310.3 138.8 257.8#  
 63 1214.2 106.4 197.6#



#13  
 Acetone  
 Concen: 2.020 ug/L  
 RT: 2.79 min Scan# 451  
 Delta R.T. 0.14 min  
 Lab File: VU037321.D  
 Acq: 17 Mar 2020 16:52

Tgt Ion: 43 Resp: 4883  
 Ion Ratio Lower Upper  
 43 100  
 58 2.6 0.0 57.2

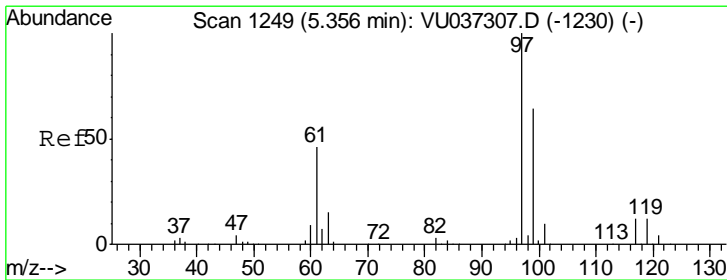
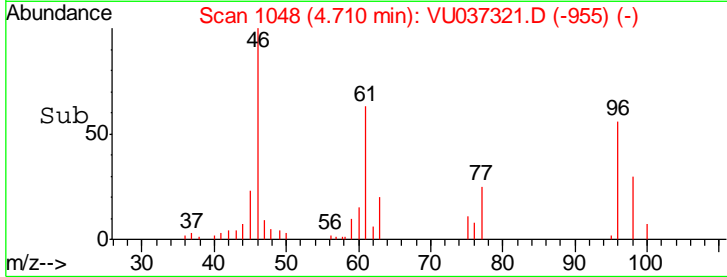
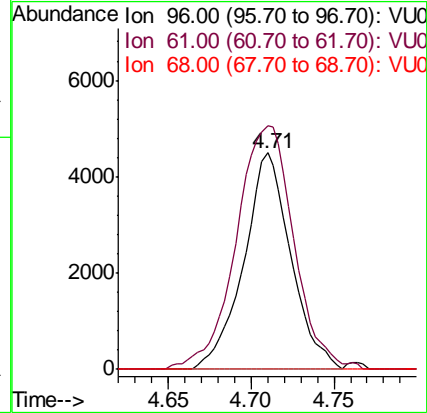
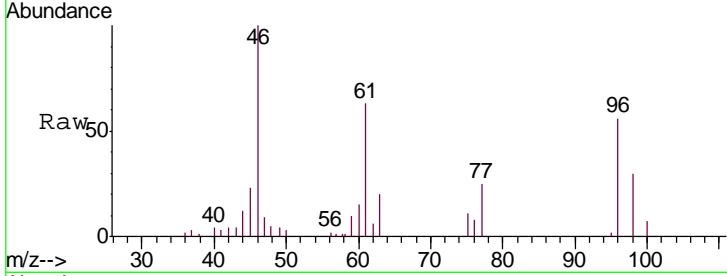




#20  
 cis-1,2-Dichloroethene  
 Concen: 2.863 ug/L  
 RT: 4.71 min Scan# 1048  
 Delta R.T. 0.00 min  
 Lab File: VU037321.D  
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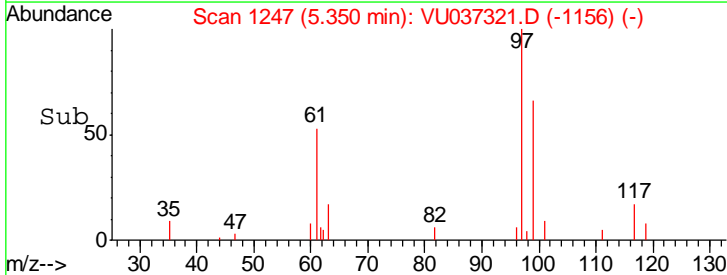
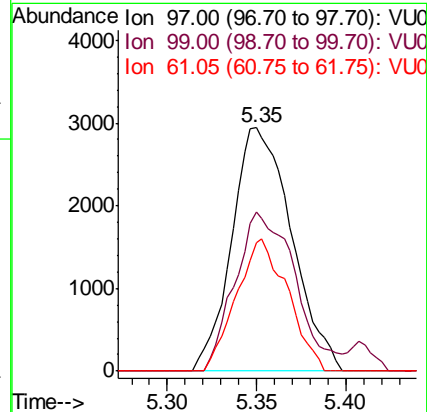
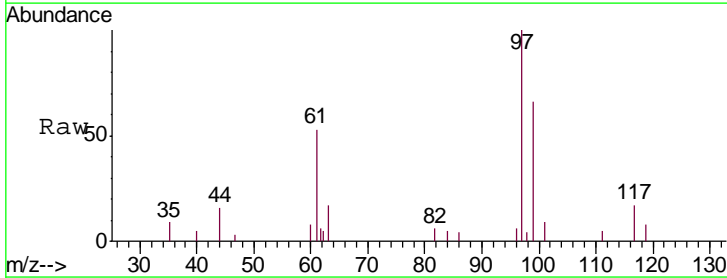
Instrument : MSVOA\_U  
 ClientSampled : CONG8

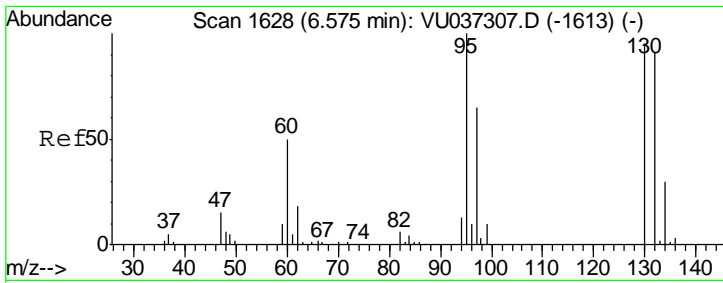
Tgt Ion	Resp	Lower	Upper
96	100		
61	112.5	101.2	187.8
68	0.0	0.0	0.0



#30  
 1,1,1-Trichloroethane  
 Concen: 1.290 ug/L  
 RT: 5.35 min Scan# 1247  
 Delta R.T. -0.01 min  
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Tgt Ion	Resp	Lower	Upper
97	100		
99	65.9	51.4	77.0
61	46.5	39.0	58.4



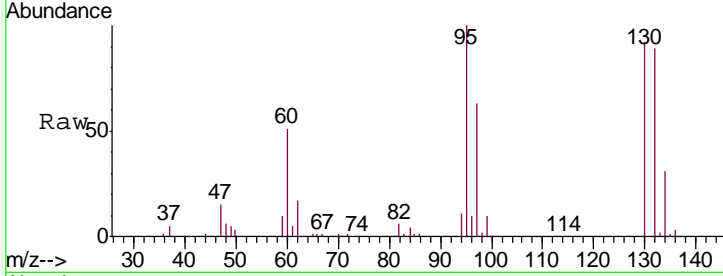


#34  
 Trichloroethene  
 Concen: 36.883 ug/L  
 RT: 6.57 min Scan# 1627  
 Delta R.T. -0.00 min  
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 ClientSampled :  
 CONG8

Tgt Ion: 95 Resp: 113571

Ion	Ratio	Lower	Upper
95	100		
97	62.6	43.8	81.4
132	89.3	62.6	116.3
130	91.9	64.8	120.4



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

