

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040904.D
 Acq On : 22 Oct 2020 14:08
 Operator : SY/MD
 Sample : L4428-22DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ54DL

Quant Time: Oct 23 00:55:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 23:17:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	215464	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	227508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	94988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62937	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.92	69	59606	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	99431	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.66	46	320331	61.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.16%
24) Chloroform-d	5.08	84	152602	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	96792	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.74	84	260185	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.70	67	95926	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	198004	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.19	79	36671	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	229121	56.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	93630	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	84085	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

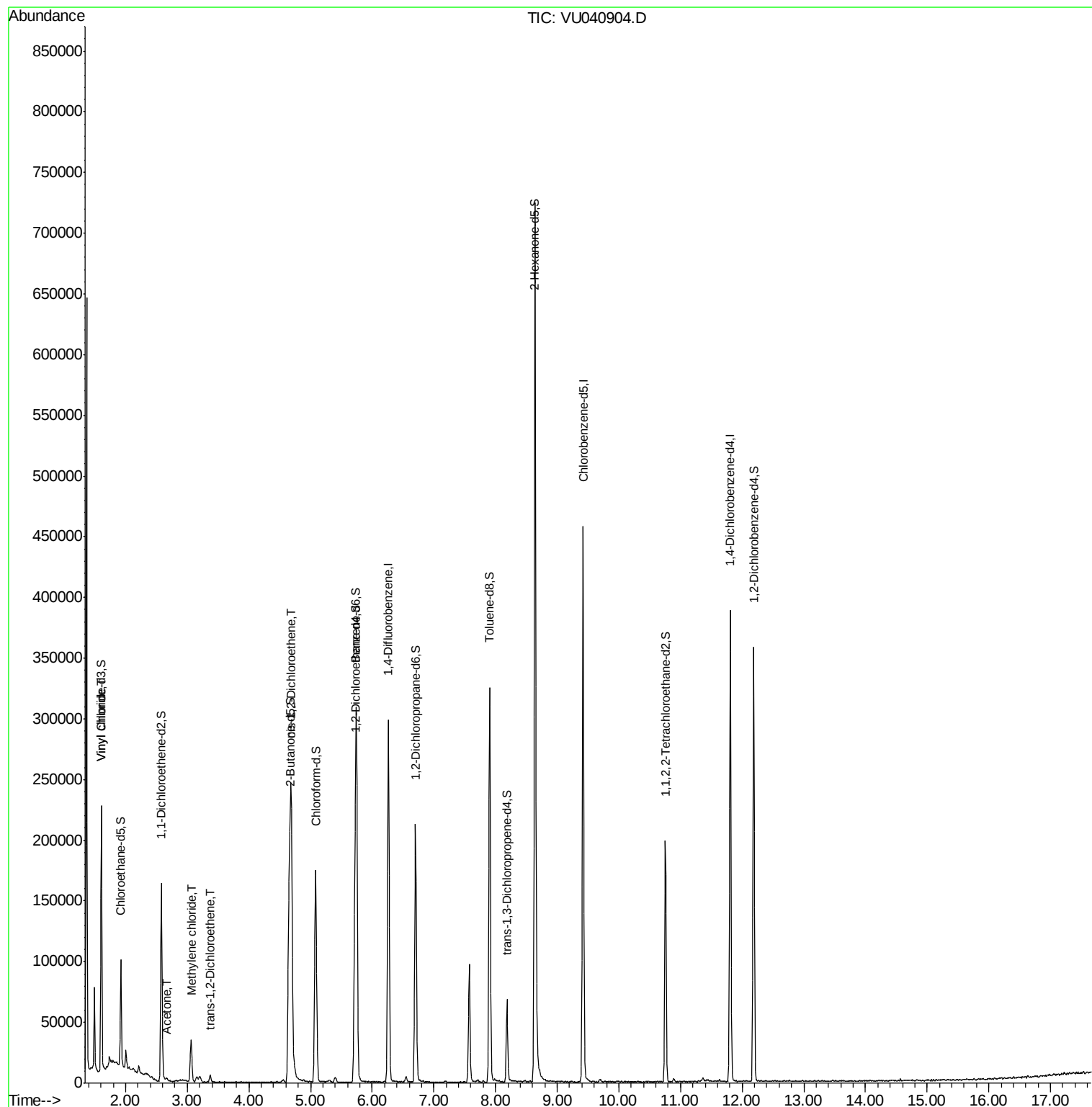
					Ovalue
5) Vinyl chloride	1.61	62	2727	0.124 ug/L	# 1
13) Acetone	2.67	43	2590	0.703 ug/L	99
16) Methylene chloride	3.06	84	14710	0.758 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	1880	0.115 ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	80343	4.471 ug/L	99

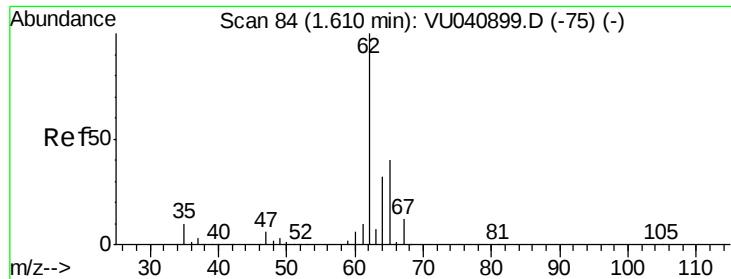
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.124 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040904.D

Acq: 22 Oct 2020 14:08

Instrument :

MSVOA_U

ClientSampleID :

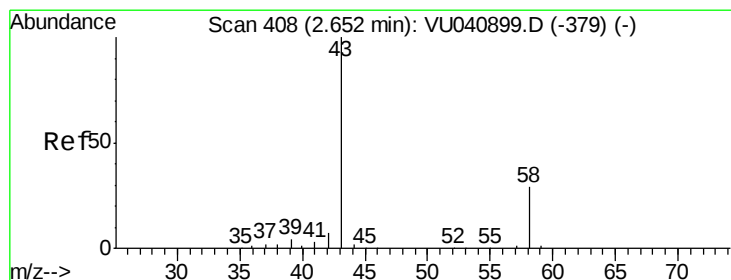
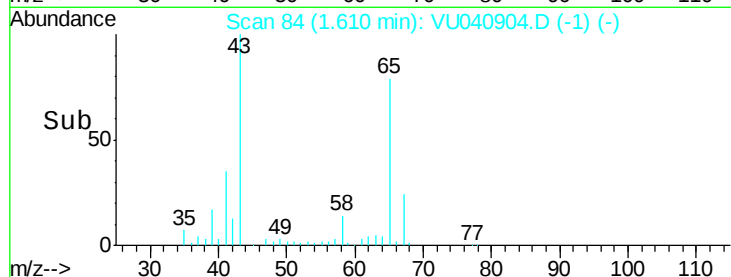
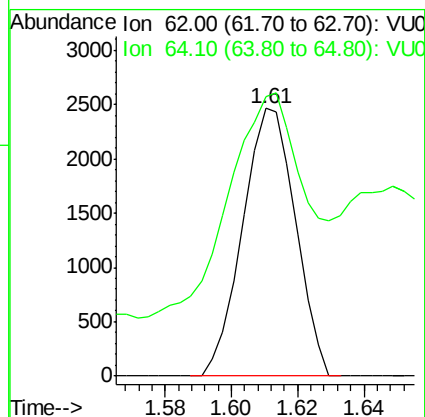
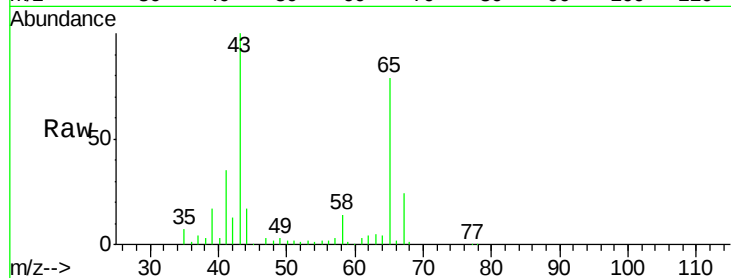
ETZ54DL

Tot Ion: 62 Resp: 2727

Ion Ratio Lower Upper

62 100

64 104.2 21.8 40.6#



#13

Acetone

Concen: 0.703 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.02 min

Lab File: VU040904.D

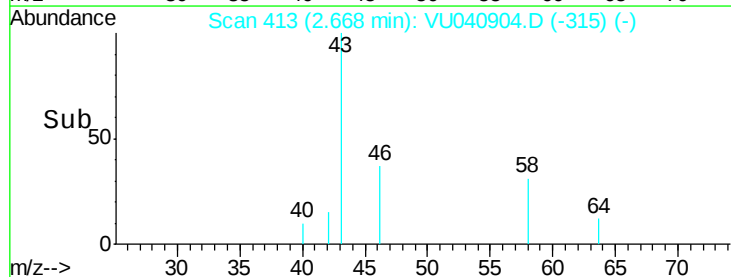
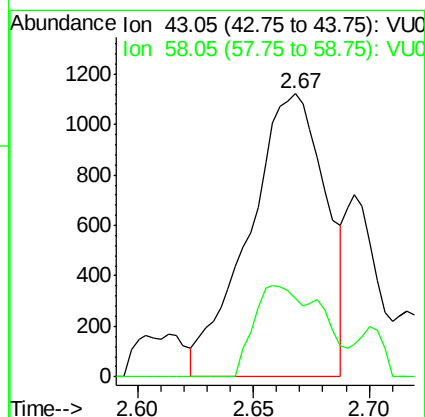
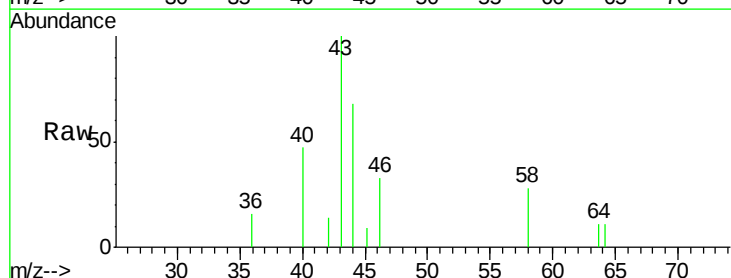
Acq: 22 Oct 2020 14:08

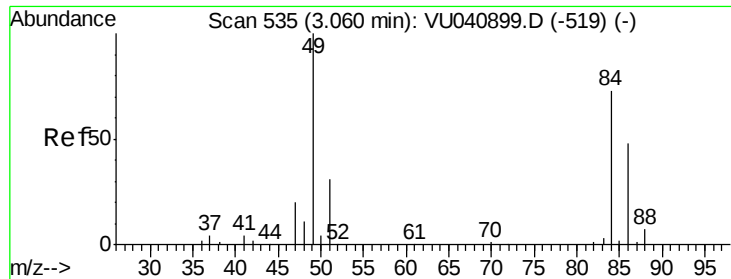
Tgt Ion: 43 Resp: 2590

Ion Ratio Lower Upper

43 100

58 28.7 0.0 58.6

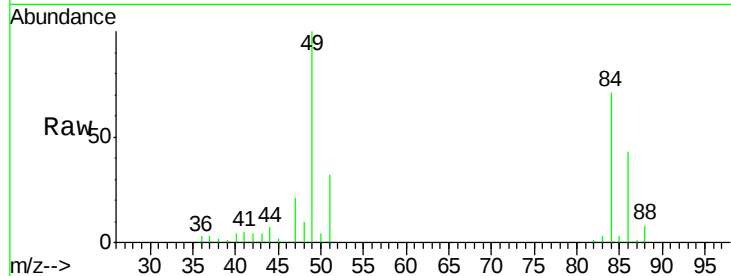




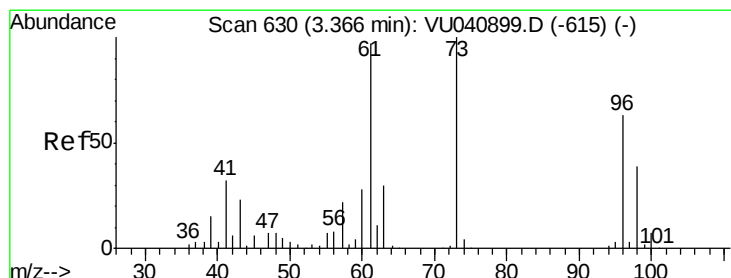
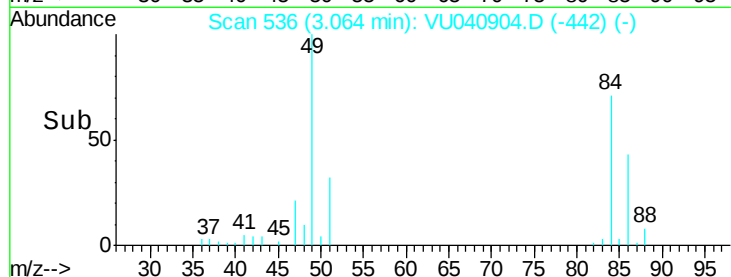
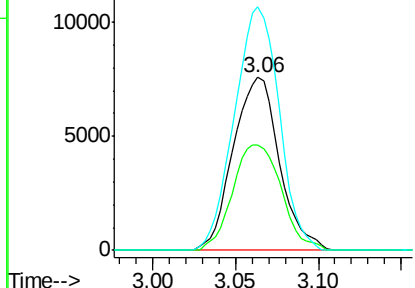
#16
Methylene chloride
Concen: 0.758 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040904.D
Acq: 22 Oct 2020 14:08

Instrument :
MSVOA_U
ClientSampleId :
ETZ54DL

Tot Ion: 84 Resp: 14710
Ion Ratio Lower Upper
84 100
86 60.6 44.9 83.5
49 140.8 94.7 175.9

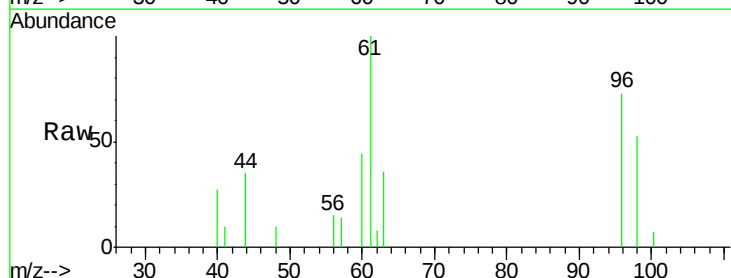


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

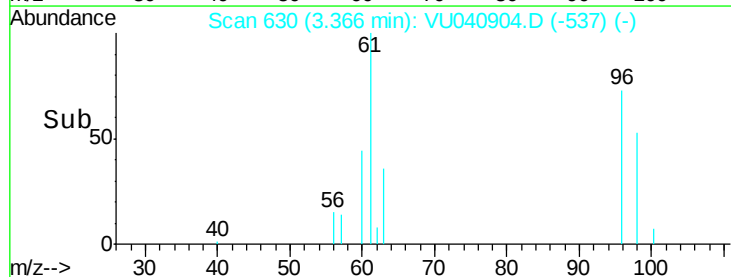
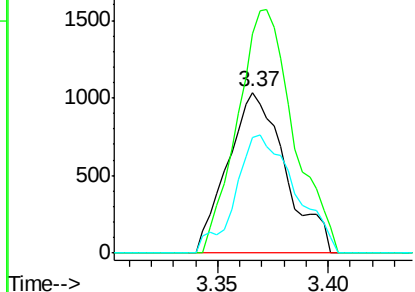


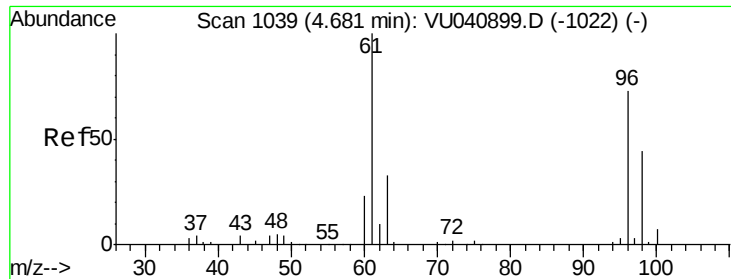
#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040904.D
Acq: 22 Oct 2020 14:08

Tgt Ion: 96 Resp: 1880
Ion Ratio Lower Upper
96 100
61 136.3 107.9 200.3
98 71.8 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

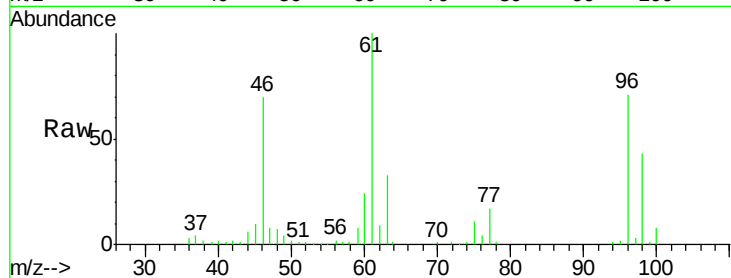




#22
 cis-1,2-Dichloroethene
 Concen: 4.471 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: VU040904.D
 Acq: 22 Oct 2020 14:08

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ54DL

Tot Ion: 96 Resp: 80343
 Ion Ratio Lower Upper
 96 100
 61 141.1 100.0 185.6
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

