

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037923.D
 Acq On : 29 Apr 2020 19:37
 Operator : JC/MD
 Sample : L2395-13DL 2000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 C0D98DL

Quant Time: Apr 30 04:00:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	663237	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	647051	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	298470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188721	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.14%
7) Chloroethane-d5	1.93	69	182746	40.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.38%
11) 1,1-Dichloroethene-d2	2.59	63	270736	28.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.72%#
21) 2-Butanone-d5	4.66	46	435277	94.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	5.10	84	376326	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
26) 1,2-Dichloroethane-d4	5.74	65	271775	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.76	84	797820	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	274665	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.92	98	712144	42.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.68%
43) trans-1,3-Dichloropropene-	8.20	79	126217	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.65	63	312621	93.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	401421	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	12.20	152	272442	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%

Target Compounds

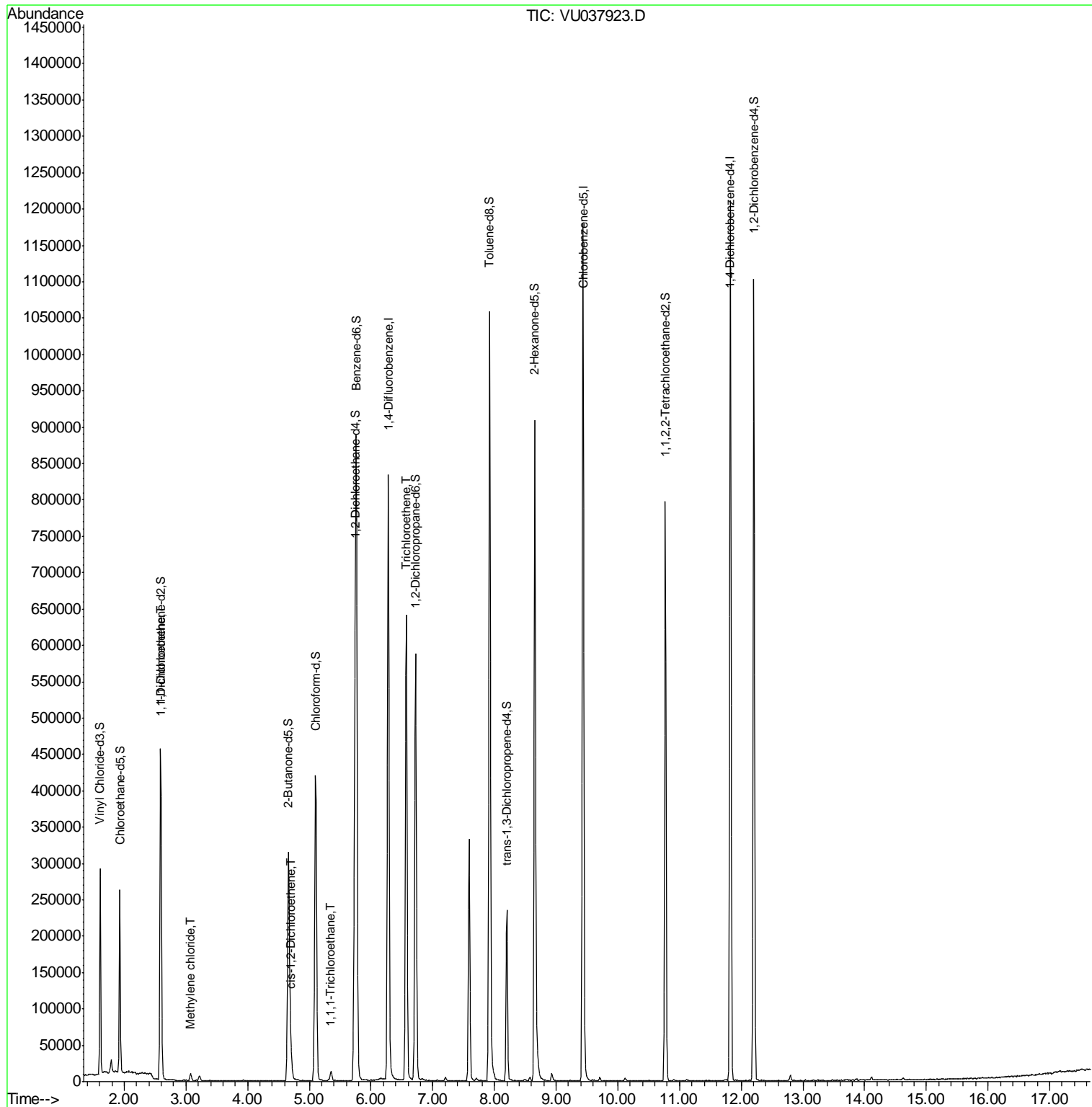
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	15317	3.804	ug/L #	1
16) Methylene chloride	3.08	84	4568	0.955	ug/L	92
20) cis-1,2-Dichloroethene	4.71	96	12354	2.506	ug/L	94
30) 1,1,1-Trichloroethane	5.36	97	8849	1.225	ug/L	94
34) Trichloroethene	6.57	95	217684	45.188	ug/L	98

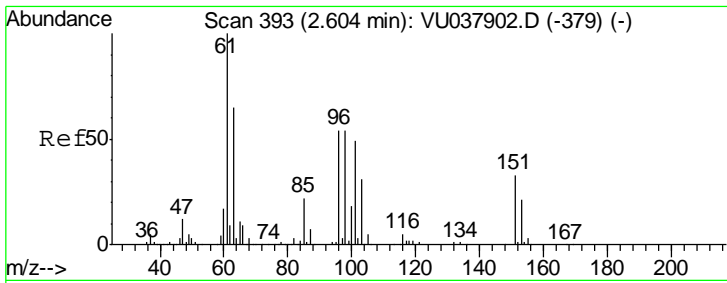
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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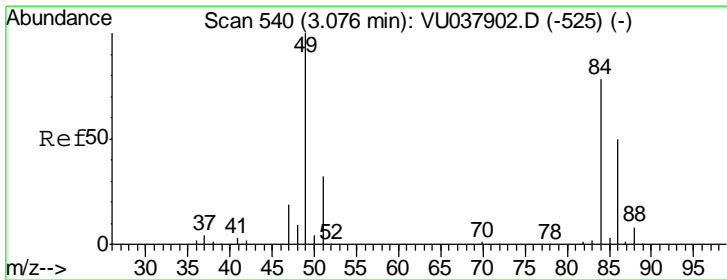
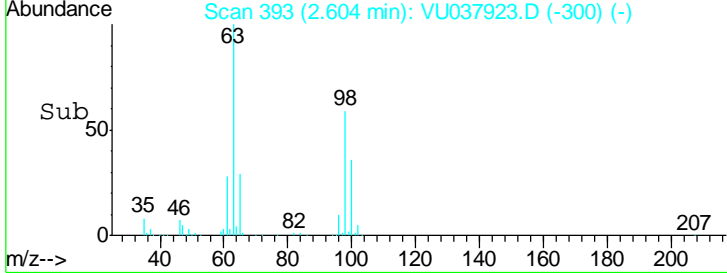
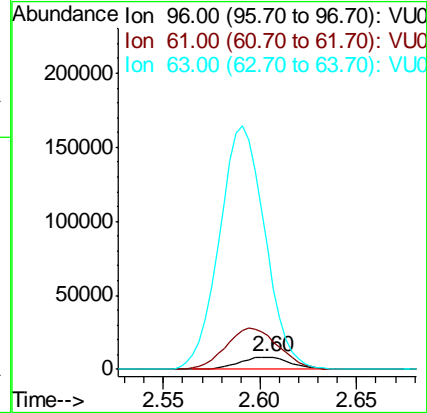
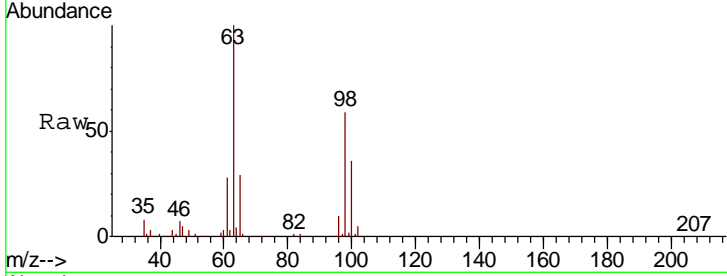




#12
 1,1-Dichloroethene
 Concen: 3.804 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037923.D
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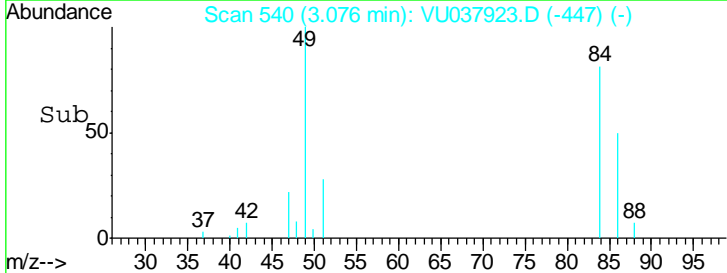
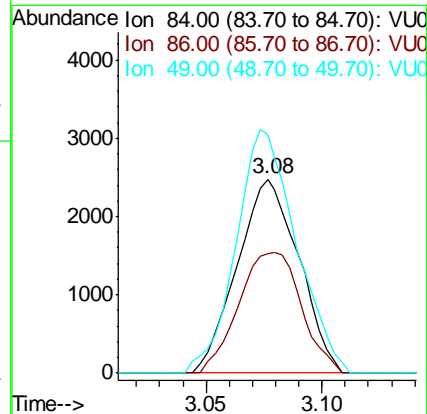
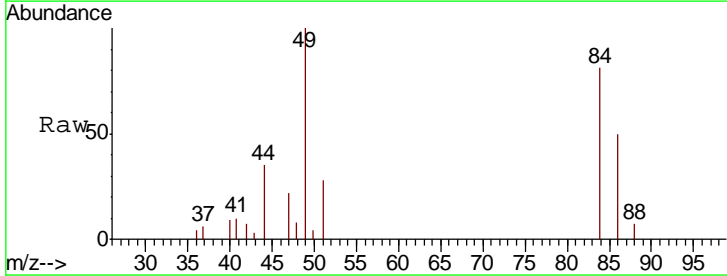
Instrument :
 MSVOA_U
 ClientSampled :
 C0D98DL

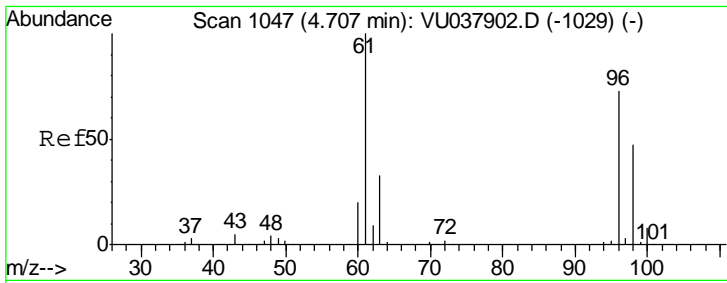
Tgt Ion	Resp	Lower	Upper
96	15317		
61	268.0	134.1	249.0#
63	959.9	96.5	179.1#



#16
 Methylene chloride
 Concen: 0.955 ug/L
 RT: 3.08 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU037923.D
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Tgt Ion	Resp	Lower	Upper
84	4568		
86	61.5	43.5	80.7
49	122.9	95.1	176.7

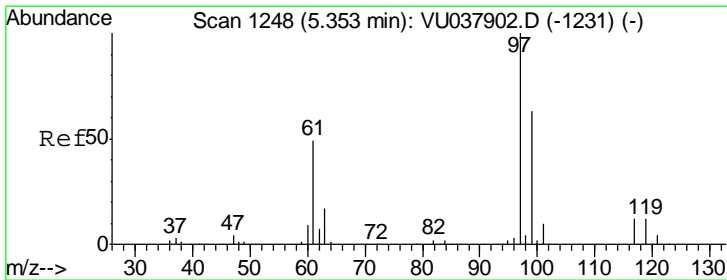
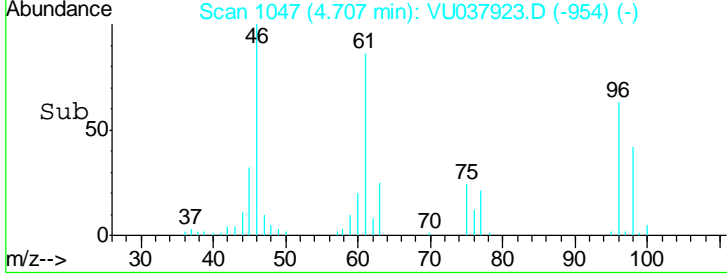
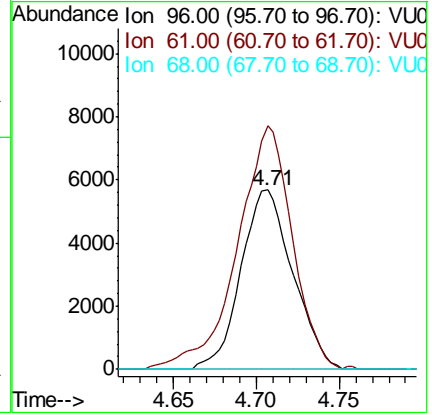
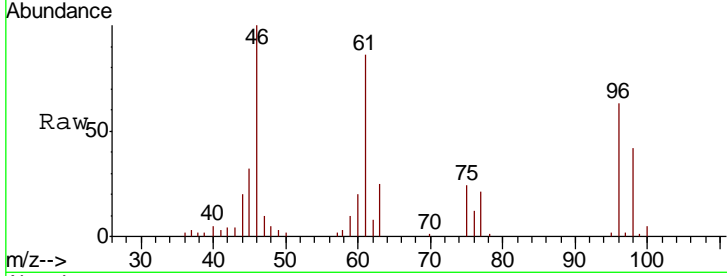




#20
 cis-1,2-Dichloroethene
 Concen: 2.506 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

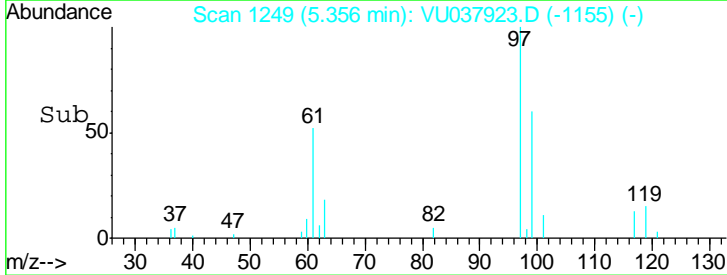
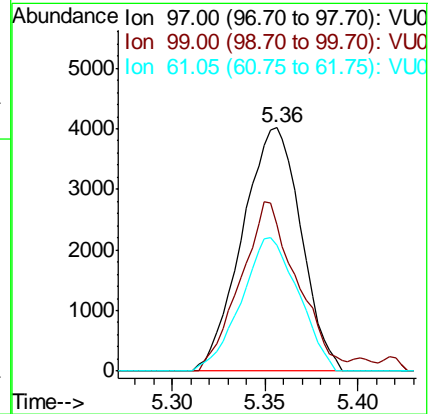
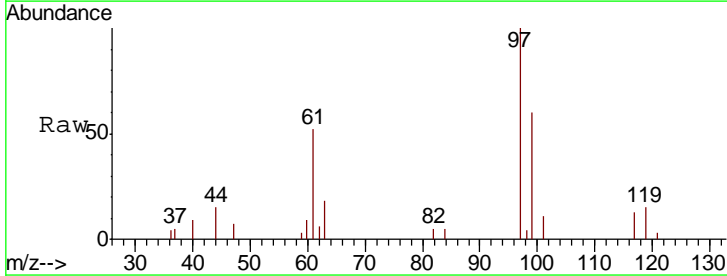
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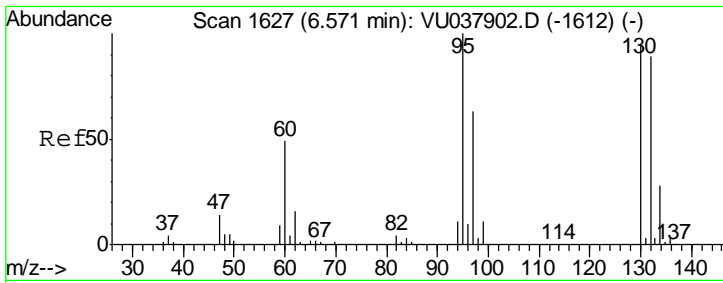
Tgt Ion	Resp	Lower	Upper
96	12354		
61	135.7	100.4	186.4
68	0.0	0.0	0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.225 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037923.D
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Tgt Ion	Resp	Lower	Upper
97	8849		
99	67.0	50.7	76.1
61	53.3	38.9	58.3



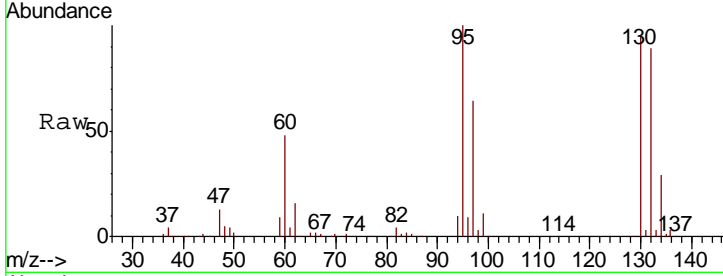


#34
 Trichloroethene
 Concen: 45.188 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

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 C0D98DL

Tot Ion: 95 Resp: 217684

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.4	82.5
132	88.7	65.0	120.6
130	95.1	65.5	121.7



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

