

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036099.D
 Acq On : 10 Dec 2019 22:25
 Operator : JC/MD
 Sample : K6168-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE52

Quant Time: Dec 23 04:22:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	279366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	312421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132666	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.93	69	123821	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.59	63	140069	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.69	46	254697	60.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.06%
24) Chloroform-d	5.11	84	202009	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.75	65	109675	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.77	84	392954	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.73	67	128400	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.93	98	320918	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.21	79	45579	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.68	63	208281	57.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	118260	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	105665	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

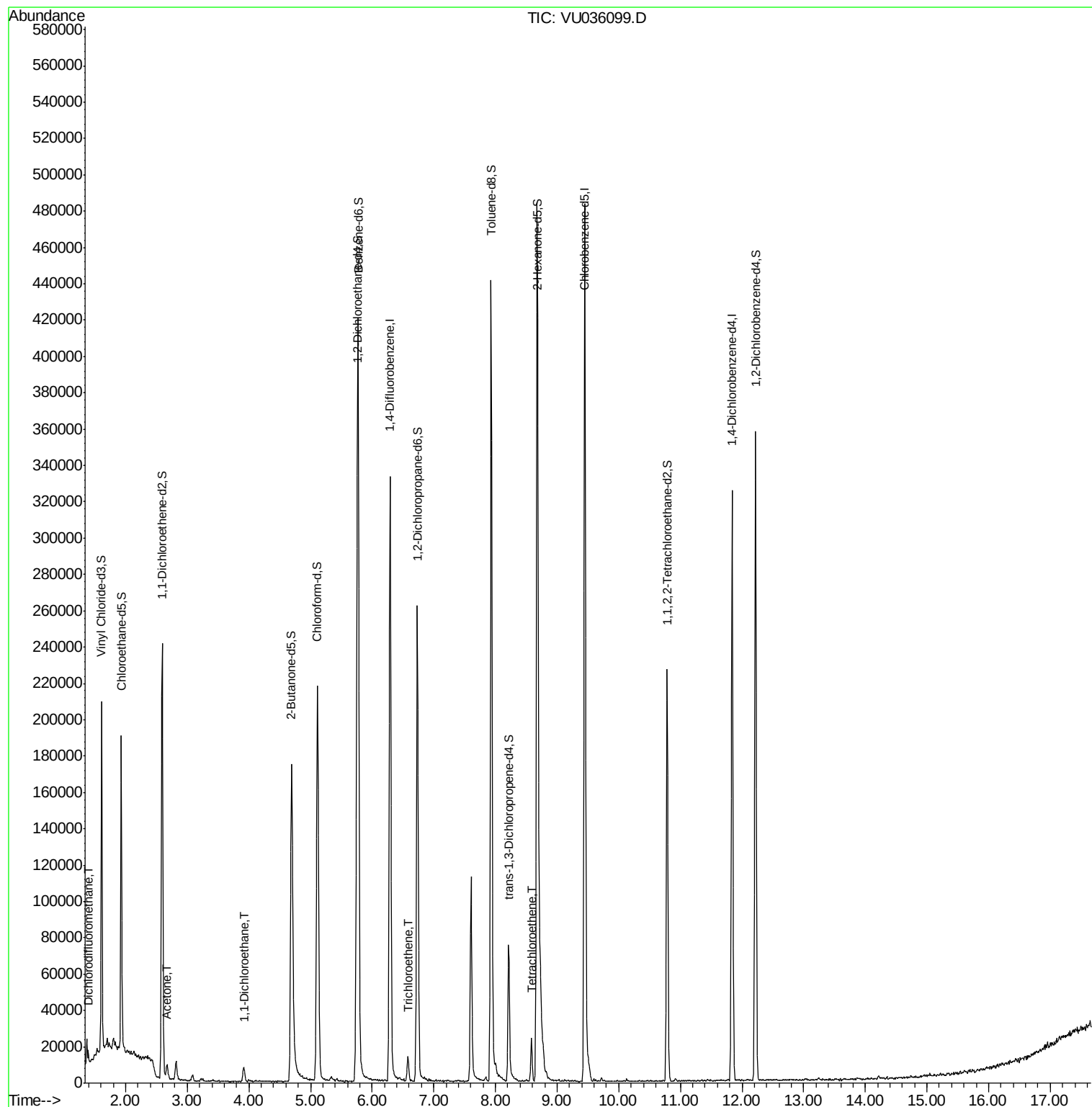
					Ovalue
2) Dichlorodifluoromethane	1.39	85	3613	0.132 ug/L	93
13) Acetone	2.67	43	9826	1.824 ug/L	95
19) 1,1-Dichloroethane	3.92	63	9845	0.264 ug/L	94
34) Trichloroethene	6.58	95	4072	0.180 ug/L	78
47) Tetrachloroethene	8.58	164	5670	0.263 ug/L	94

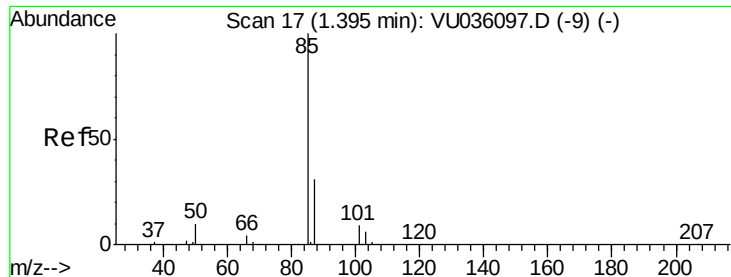
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.132 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU036099.D

Acq: 10 Dec 2019 22:25

Instrument :

MSVOA_U

ClientSampleId :

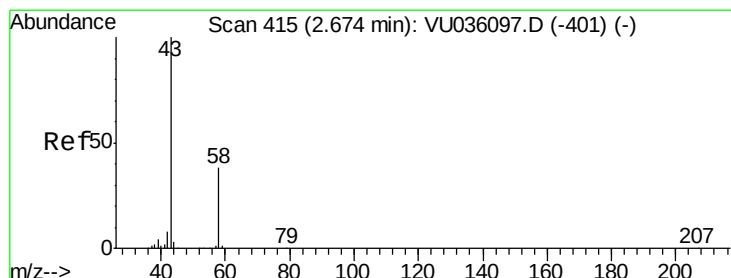
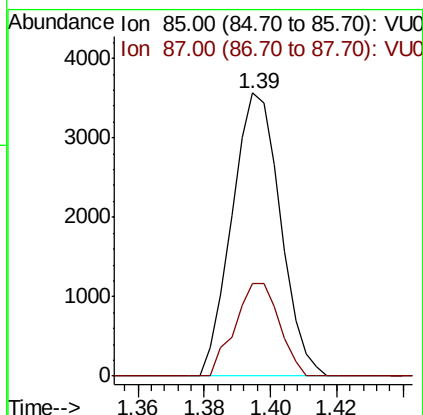
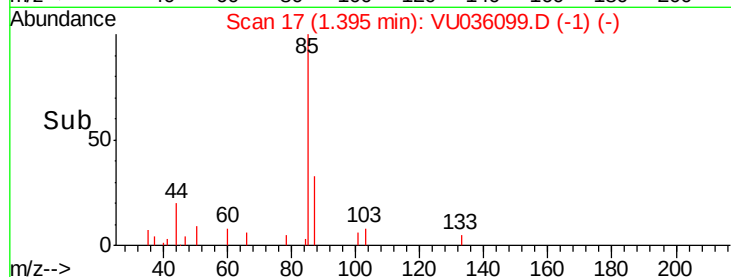
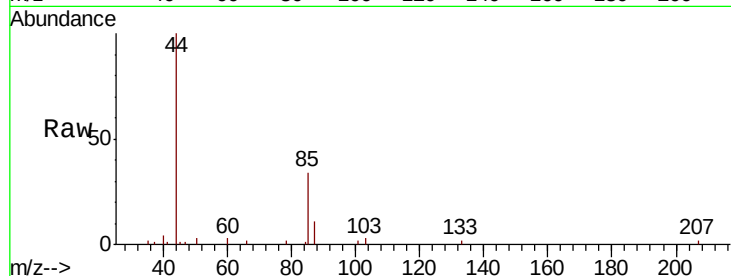
BFES2

Tot Ion: 85 Resp: 3613

Ion Ratio Lower Upper

85 100

87 30.0 27.0 40.4



#13

Acetone

Concen: 1.824 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU036099.D

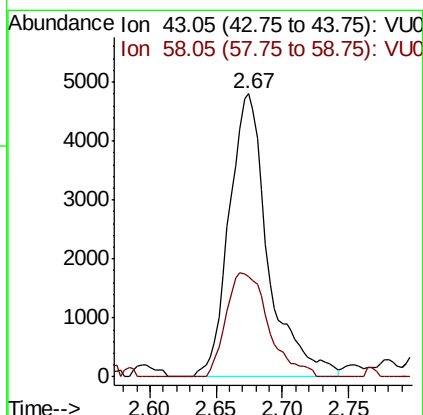
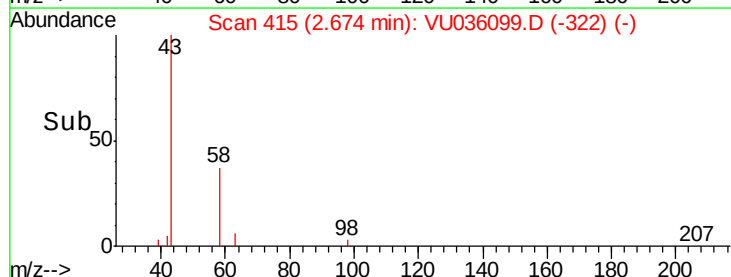
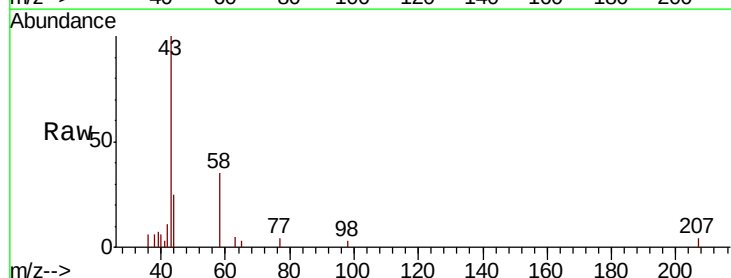
Acq: 10 Dec 2019 22:25

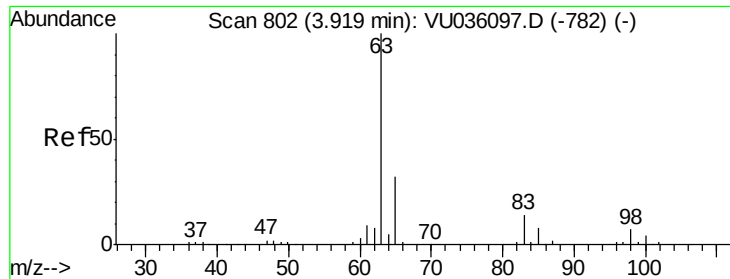
Tgt Ion: 43 Resp: 9826

Ion Ratio Lower Upper

43 100

58 40.0 0.0 74.2

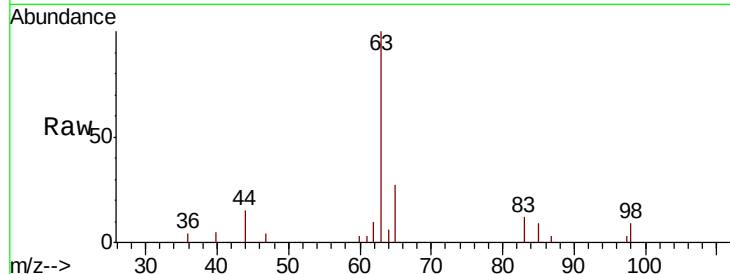




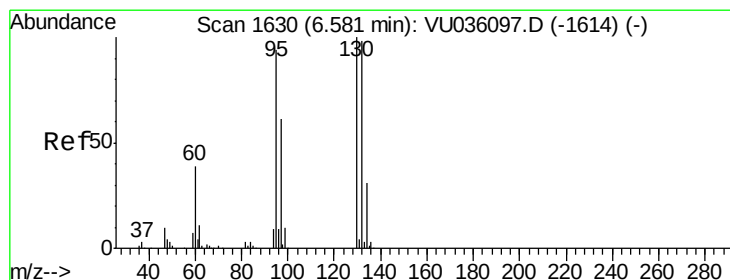
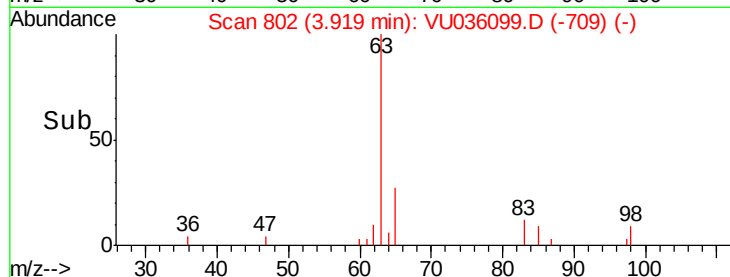
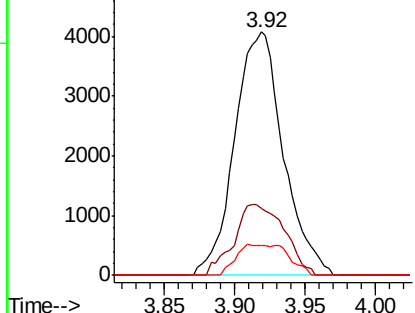
#19
1,1-Dichloroethane
Concen: 0.264 ug/L
RT: 3.92 min Scan# 802
Delta R.T. -0.00 min
Lab File: VU036099.D
Acq: 10 Dec 2019 22:25

Instrument :
MSVOA_U
ClientSampled :
BFE52

Tot Ion: 63 Resp: 9845
Ion Ratio Lower Upper
63 100
65 27.3 21.8 40.4
83 12.3 10.1 18.9

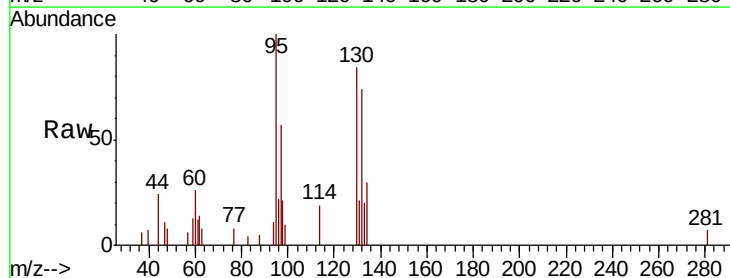


Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0

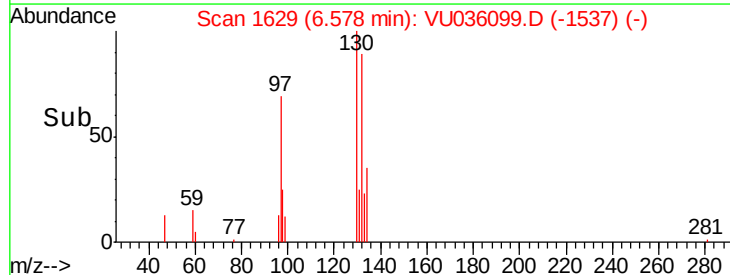
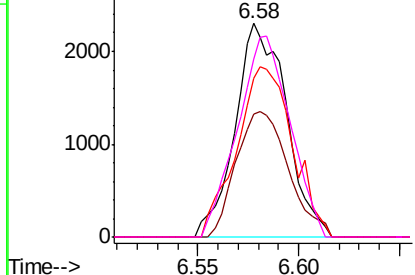


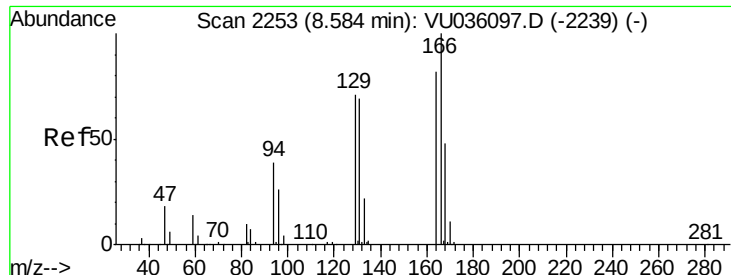
#34
Trichloroethene
Concen: 0.180 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU036099.D
Acq: 10 Dec 2019 22:25

Tgt Ion: 95 Resp: 4072
Ion Ratio Lower Upper
95 100
97 57.3 44.4 82.4
132 74.4 73.4 136.4
130 83.5 75.9 141.1



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

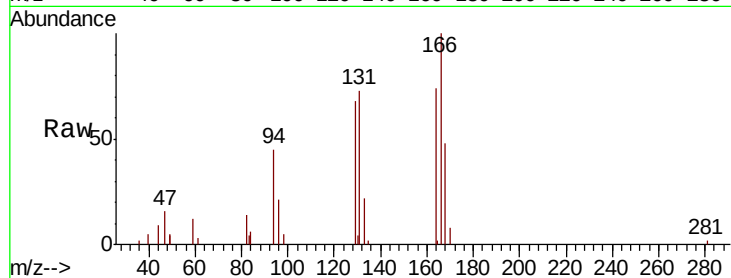




#47
 Tetrachloroethene
 Concen: 0.263 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU036099.D
 Acq: 10 Dec 2019 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE52

Tot Ion:	164	Resp:	5670
Ion	Ratio	Lower	Upper
164	100		
129	92.1	63.1	117.3
131	99.5	61.5	114.1
166	135.8	91.0	169.0



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

