

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038298.D
 Acq On : 26 May 2020 15:50
 Operator : JC/MD
 Sample : L2749-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W7

Quant Time: May 27 07:36:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	325065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	313131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101856	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	92849	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.59	63	156160	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	362658	49.44	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	5.10	84	212266	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	124359	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	449326	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.72	67	141089	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.92	98	408475	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	56329	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.65	63	292133	51.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114509	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	155775	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

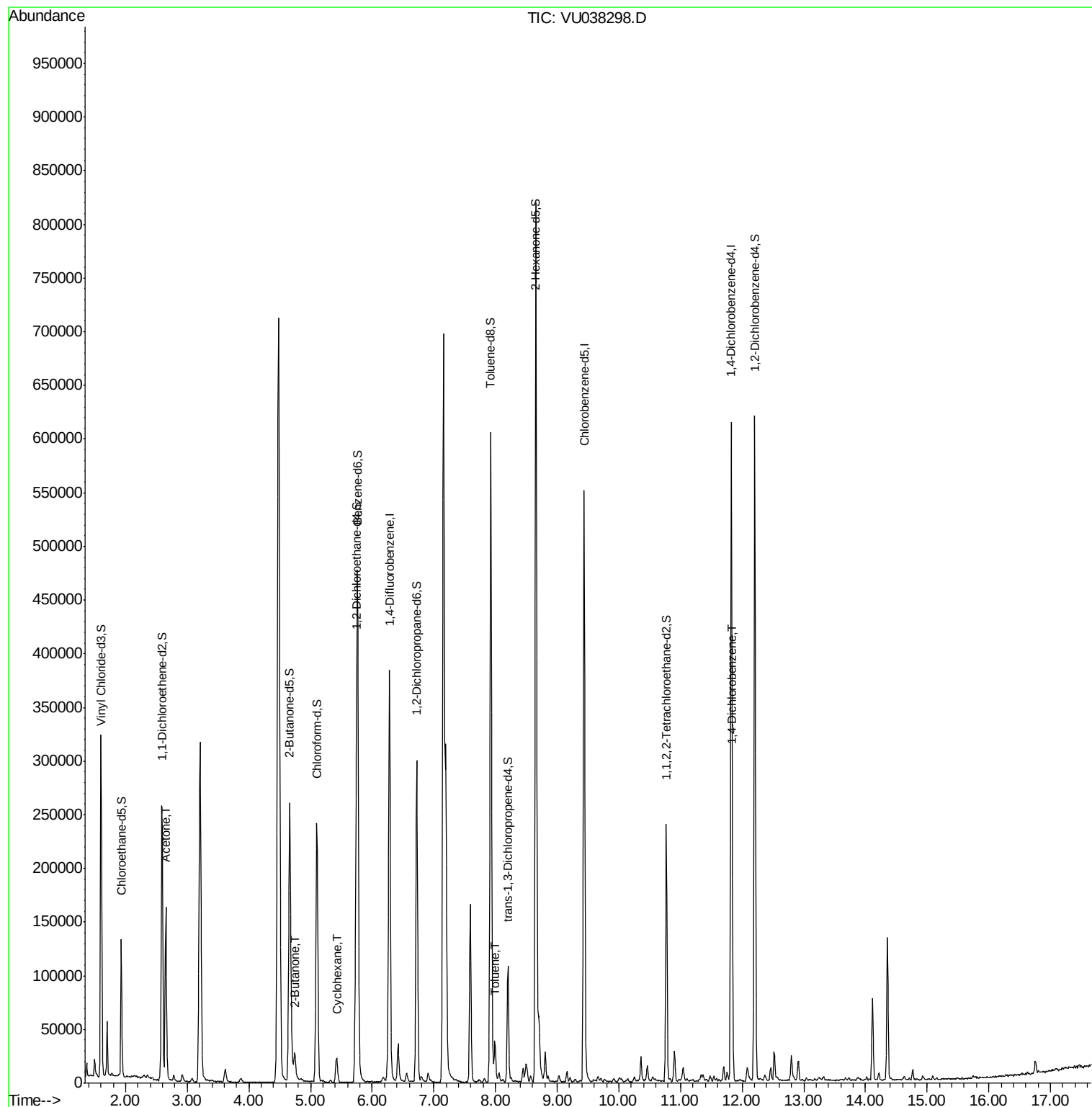
					Ovalue
13) Acetone	2.65	43	176815	38.416	ug/L 97
21) 2-Butanone	4.74	43	32505	4.001	ug/L 98
30) Cyclohexane	5.42	56	11364	0.268	ug/L # 61
42) Toluene	7.99	91	25441	0.240	ug/L 94
63) 1,4-Dichlorobenzene	11.85	146	12723	0.251	ug/L 93

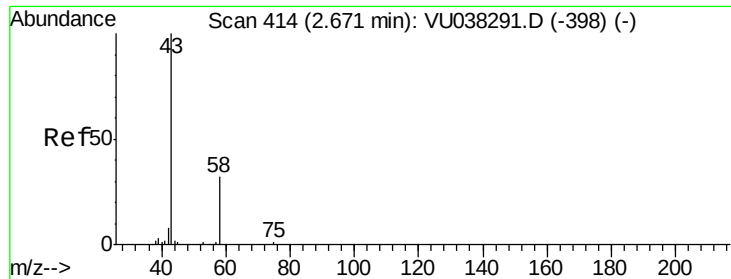
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 38.416 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

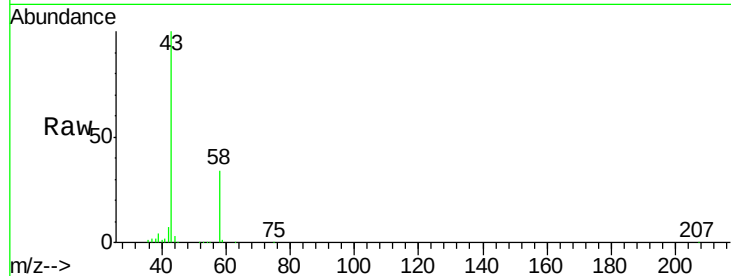
BE4W7

Tot Ion: 43 Resp: 176815

Ion Ratio Lower Upper

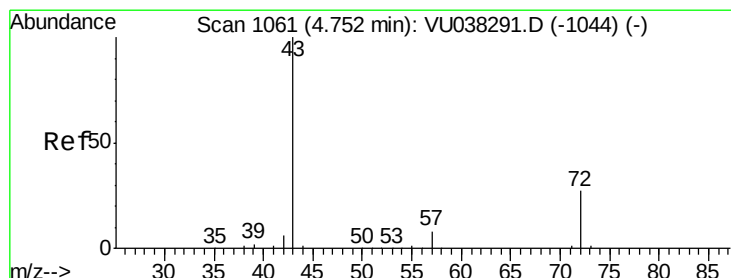
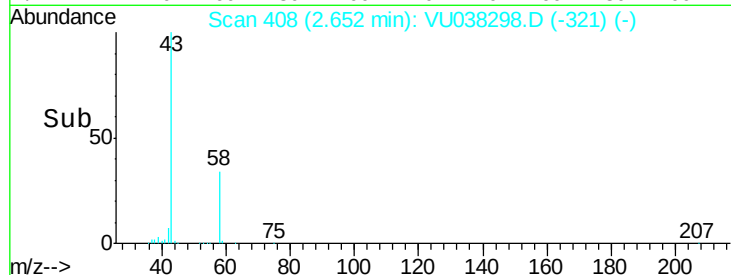
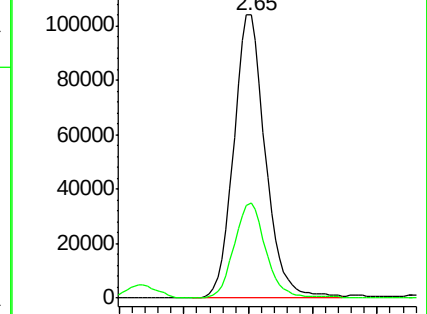
43 100

58 33.6 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038298.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038298.D (-321) (-)



#21

2-Butanone

Concen: 4.001 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. -0.01 min

Lab File: VU038298.D

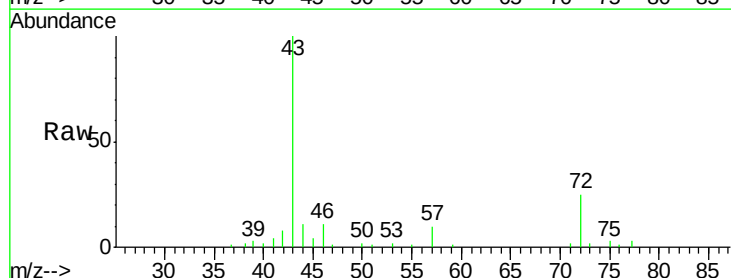
Acq: 26 May 2020 15:50

Tgt Ion: 43 Resp: 32505

Ion Ratio Lower Upper

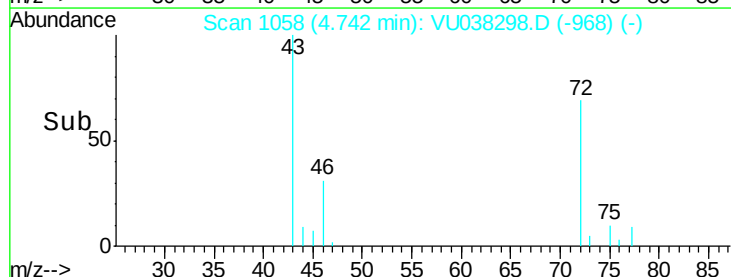
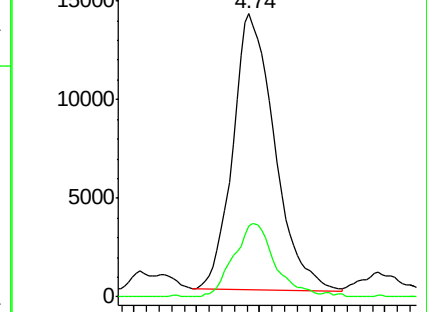
43 100

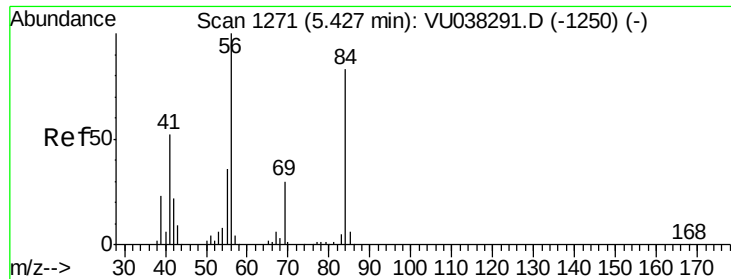
72 26.1 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038298.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU038298.D (-968) (-)

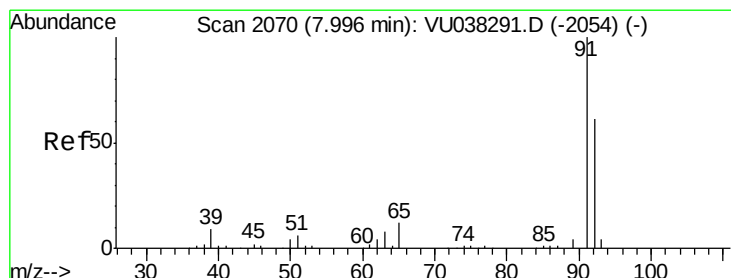
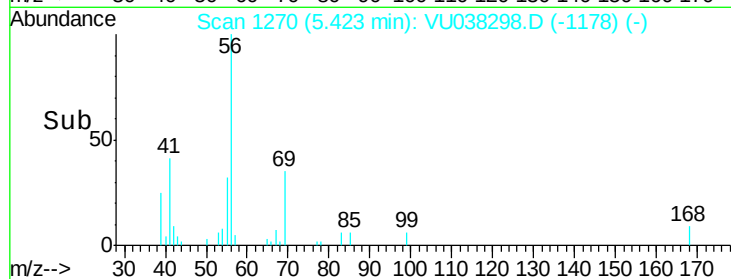
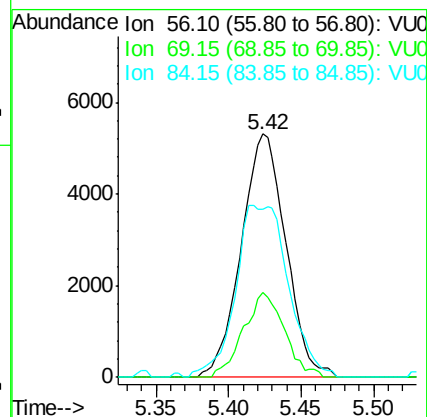
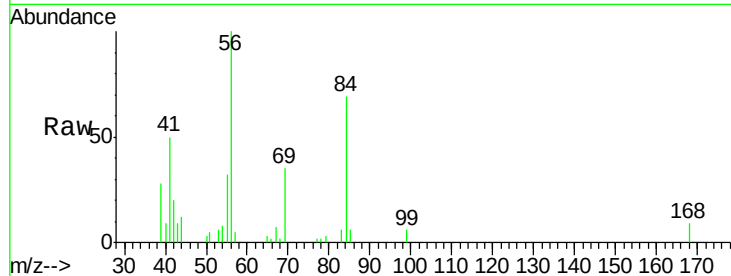




#30
Cyclohexane
Concen: 0.268 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038298.D
Acq: 26 May 2020 15:50

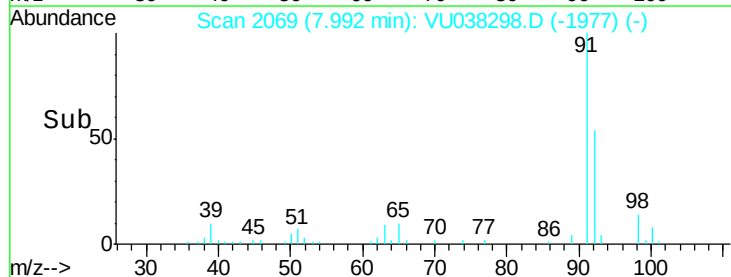
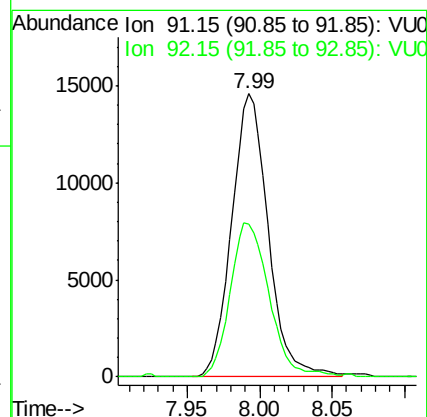
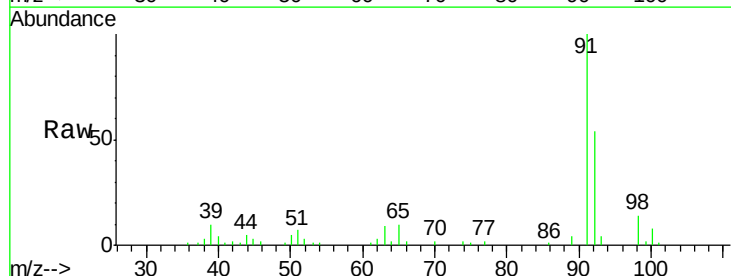
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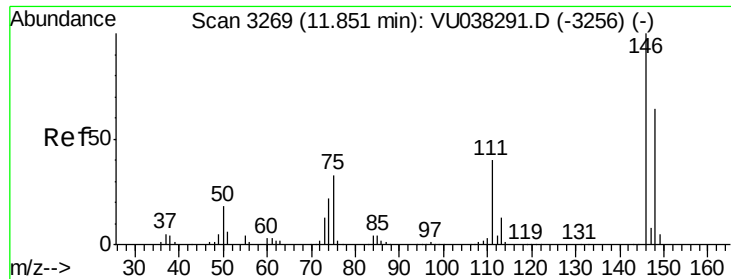
Tot Ion: 56 Resp: 11364
Ion Ratio Lower Upper
56 100
69 31.9 24.2 36.4
84 38.6 68.5 102.7#



#42
Toluene
Concen: 0.240 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038298.D
Acq: 26 May 2020 15:50

Tgt Ion: 91 Resp: 25441
Ion Ratio Lower Upper
91 100
92 53.8 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.251 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038298.D

Acq: 26 May 2020 15:50

Instrument :

MSVOA_U

ClientSampleId :

BE4W7

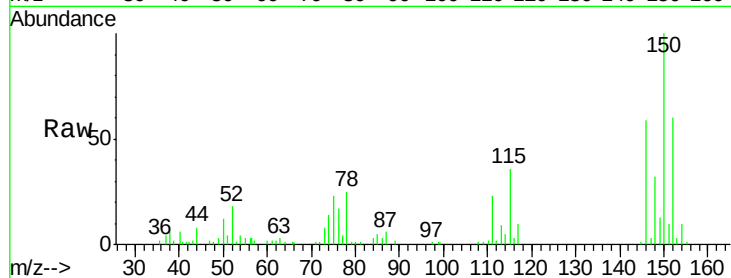
Tot Ion:146 Resp: 12723

Ion Ratio Lower Upper

146 100

111 38.6 27.2 50.6

148 54.1 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

