

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038315.D
 Acq On : 27 May 2020 13:04
 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 28 04:50:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306786	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92929	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	85807	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.59	63	143963	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.66	46	361796	52.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	5.10	84	206597	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	119727	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	425705	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	133686	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	382899	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.20	79	53041	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.65	63	292291	54.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111910	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	149422	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

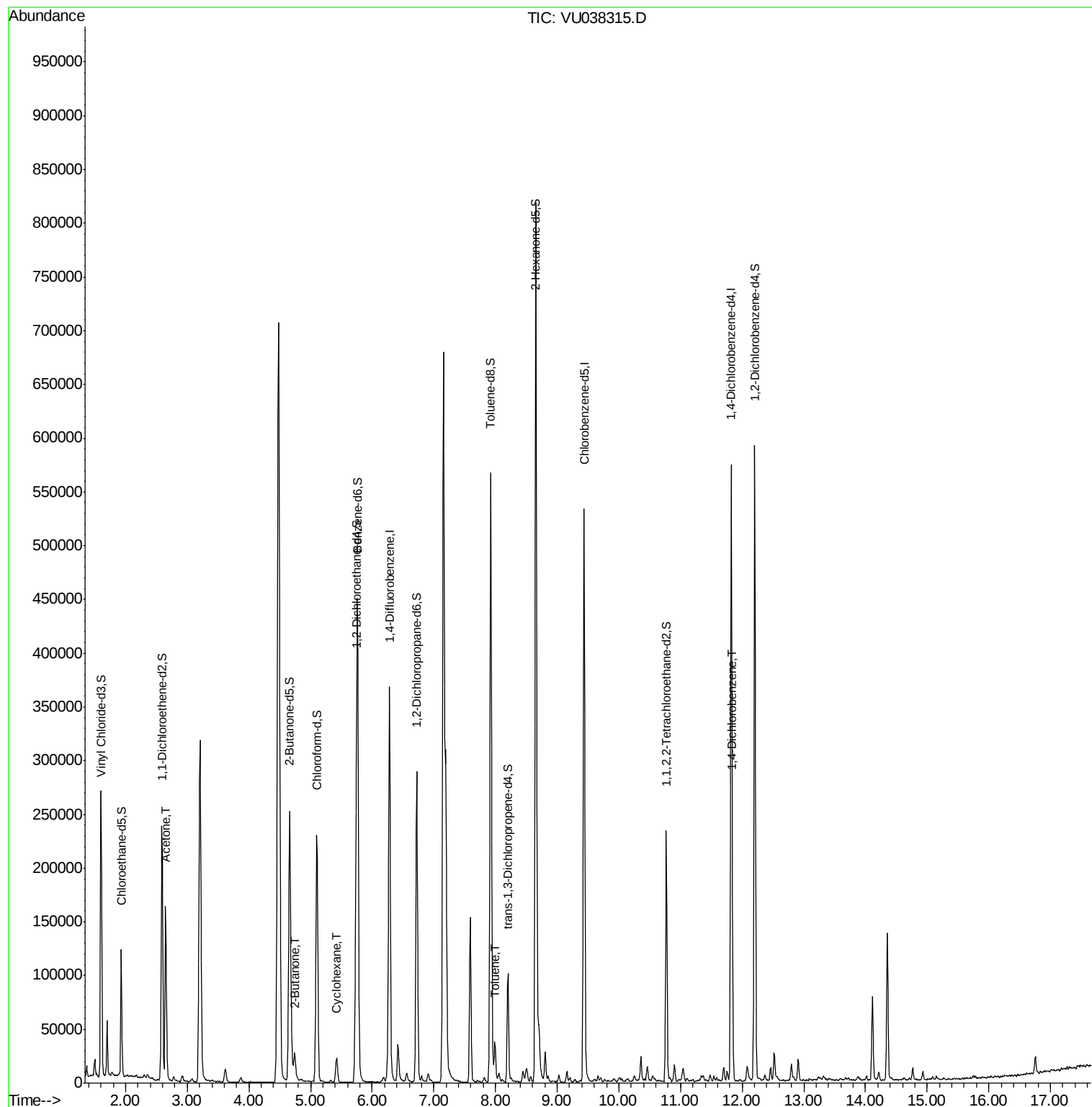
					Ovalue
13) Acetone	2.65	43	178287	41.044 ug/L	99
21) 2-Butanone	4.74	43	30553	3.985 ug/L	99
30) Cyclohexane	5.42	56	11013	0.276 ug/L	98
42) Toluene	7.99	91	23219	0.233 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	12041	0.247 ug/L	96

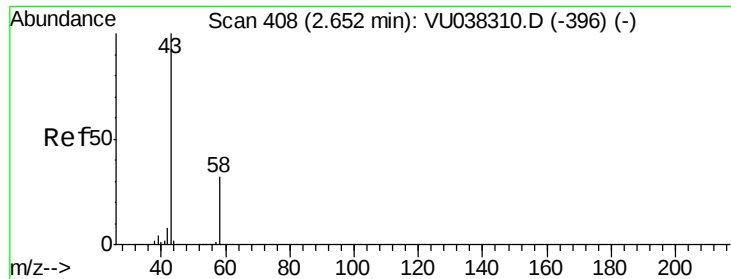
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 41.044 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU038315.D

Acq: 27 May 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

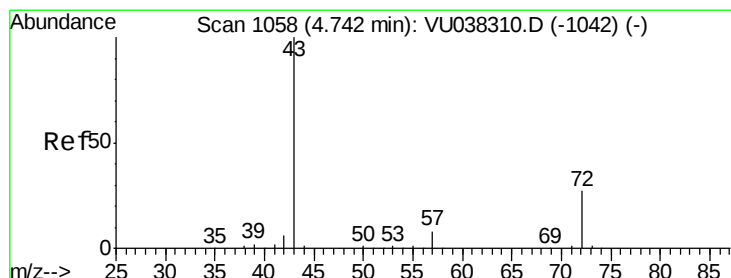
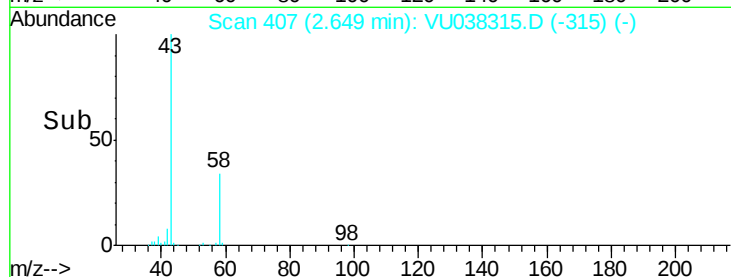
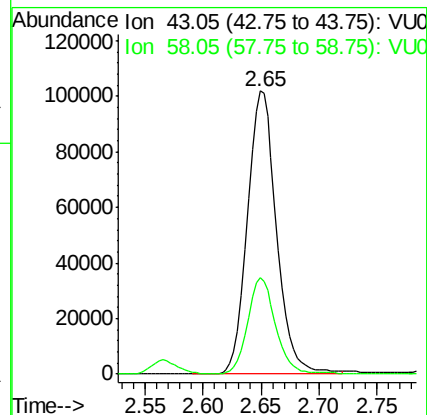
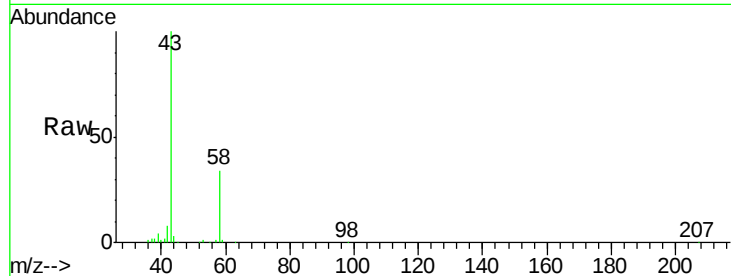
BE4W7

Tot Ion: 43 Resp: 178287

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.6



#21

2-Butanone

Concen: 3.985 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VU038315.D

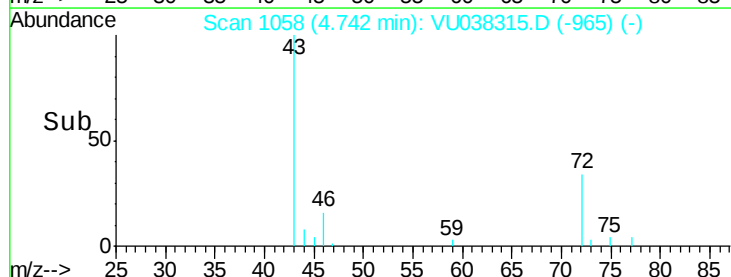
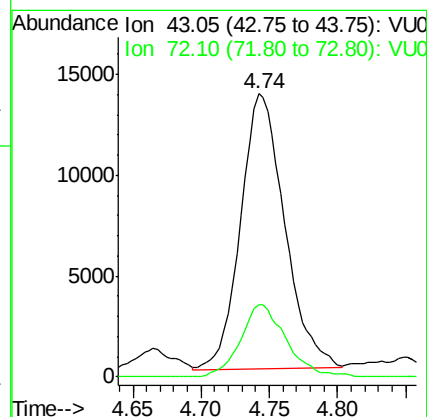
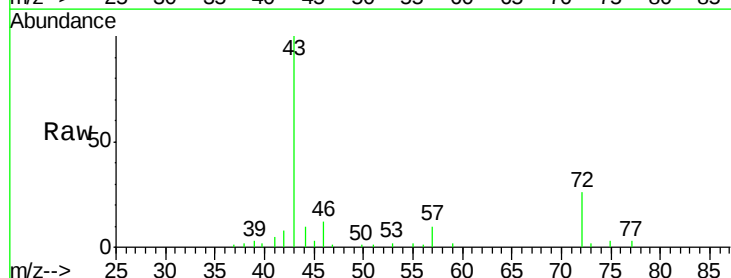
Acq: 27 May 2020 13:04

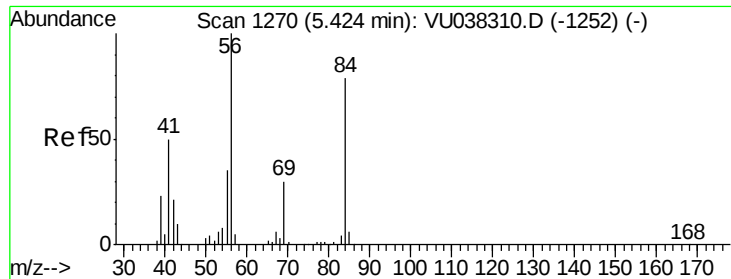
Tgt Ion: 43 Resp: 30553

Ion Ratio Lower Upper

43 100

72 27.2 13.5 40.4

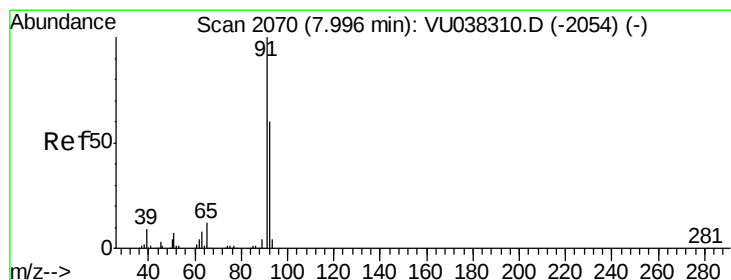
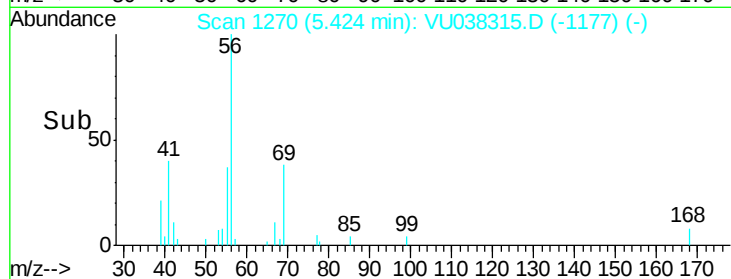
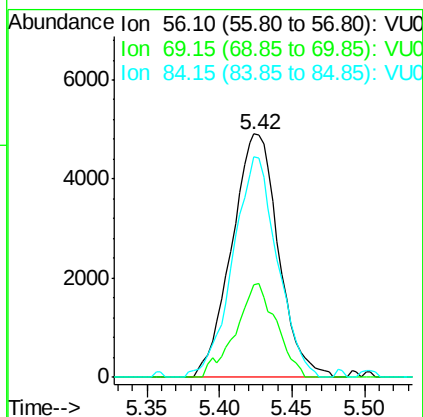
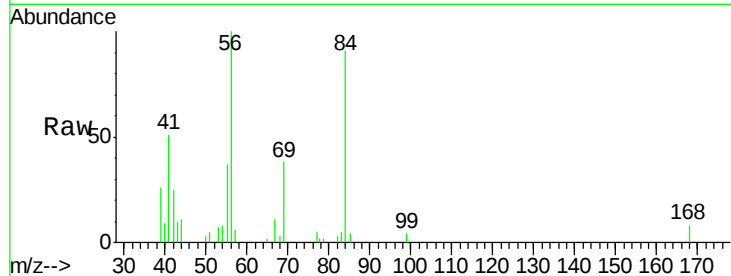




#30
Cyclohexane
Concen: 0.276 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038315.D
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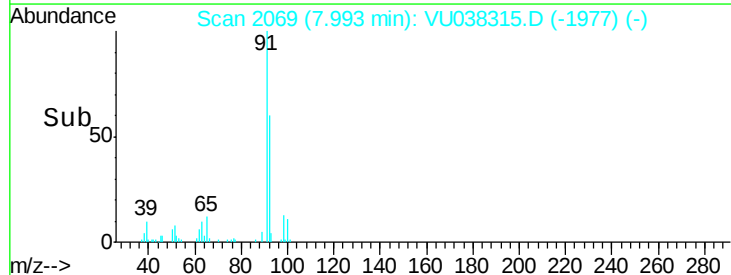
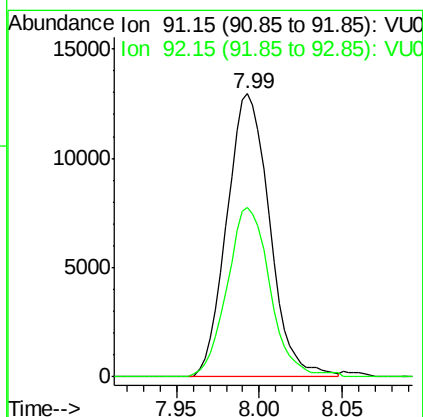
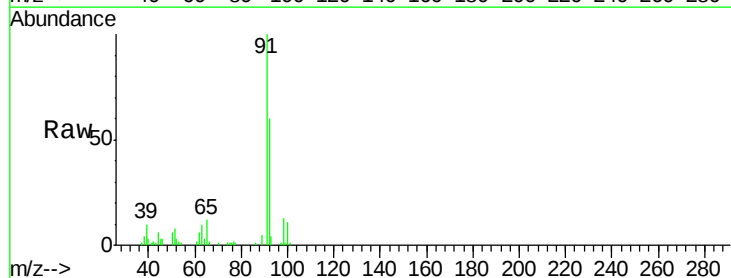
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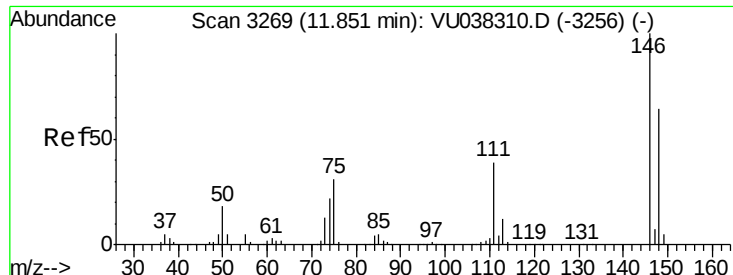
Tot Ion: 56 Resp: 11013
Ion Ratio Lower Upper
56 100
69 33.5 24.2 36.4
84 86.2 68.5 102.7



#42
Toluene
Concen: 0.233 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038315.D
Acq: 27 May 2020 13:04

Tgt Ion: 91 Resp: 23219
Ion Ratio Lower Upper
91 100
92 59.7 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.247 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038315.D

Acq: 27 May 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

BE4W7

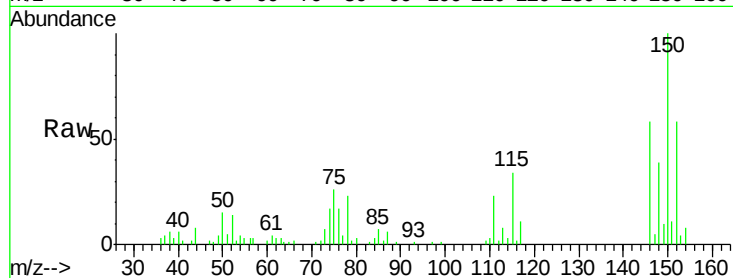
Tot Ion:146 Resp: 12041

Ion Ratio Lower Upper

146 100

111 39.5 27.2 50.6

148 67.3 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

