

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038420.D
 Acq On : 30 May 2020 17:57
 Operator : JC/MD
 Sample : L2766-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Z9

Quant Time: Jun 01 04:13:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	341935	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	332481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	165889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102369	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	83832	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	150904	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.68	46	383707	57.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.16%
24) Chloroform-d	5.10	84	195517	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	117520	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	408705	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	124248	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.92	98	342395	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	50916	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.65	63	311770	57.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108539	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	139671	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

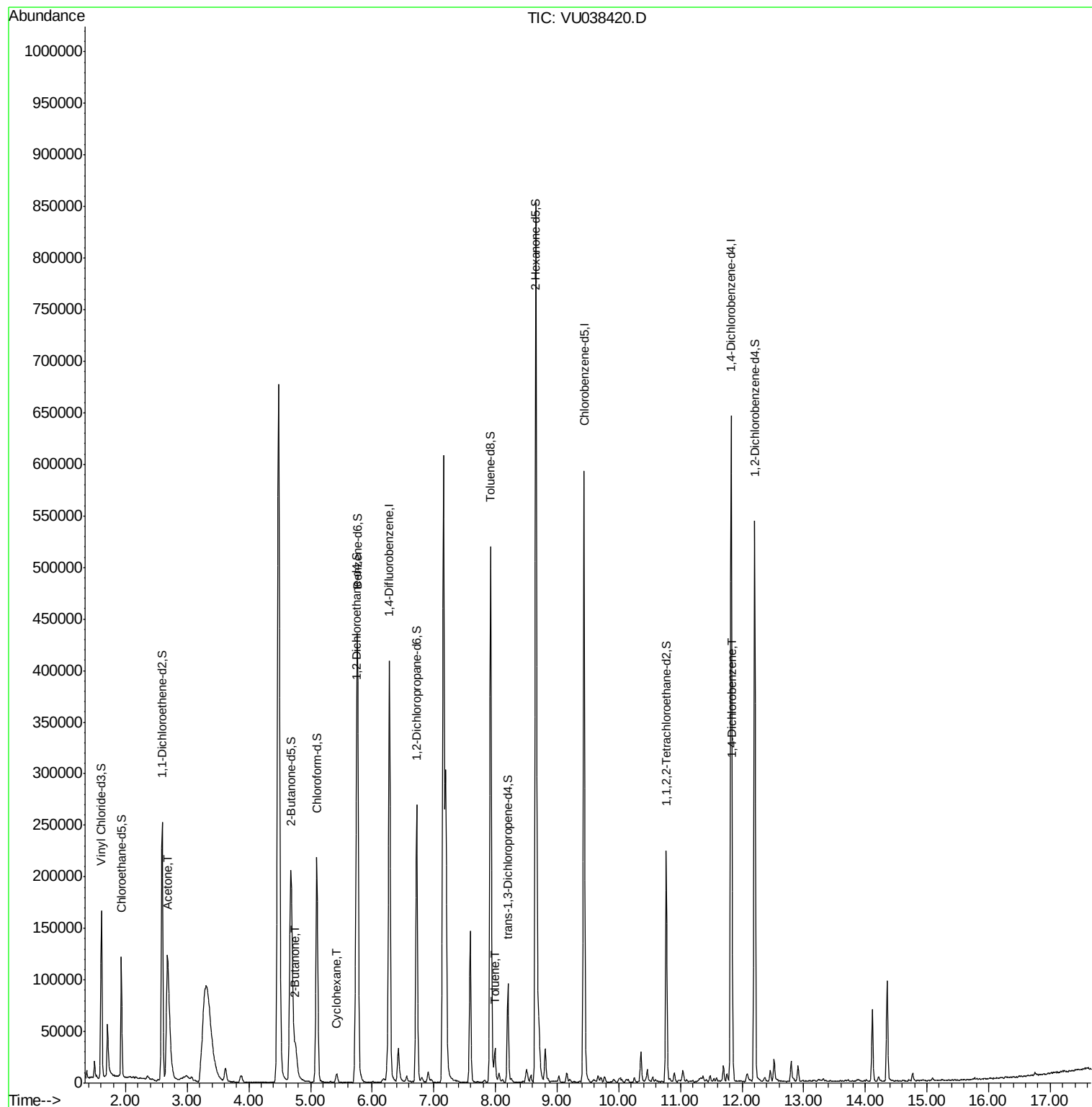
					Ovalue
13) Acetone	2.68	43	287572	65.363	ug/L 100
21) 2-Butanone	4.76	43	41322	5.584	ug/L 92
30) Cyclohexane	5.42	56	3960	0.107	ug/L 93
42) Toluene	7.99	91	20691	0.213	ug/L 95
63) 1,4-Dichlorobenzene	11.85	146	11999	0.243	ug/L 96

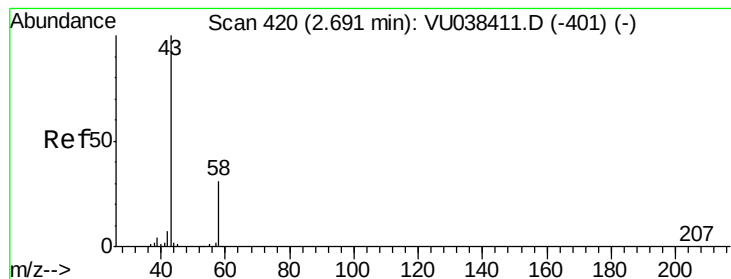
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 65.363 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU038420.D

Acq: 30 May 2020 17:57

Instrument :

MSVOA_U

ClientSampleId :

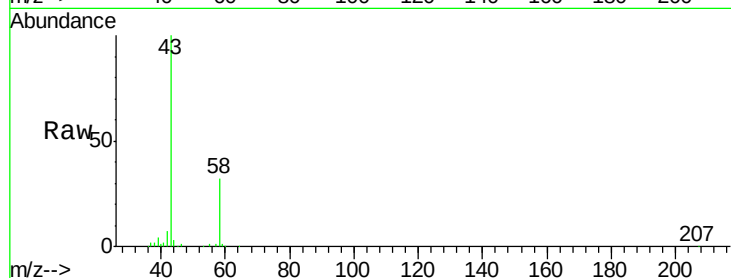
BE4Z9

Tot Ion: 43 Resp: 287572

Ion Ratio Lower Upper

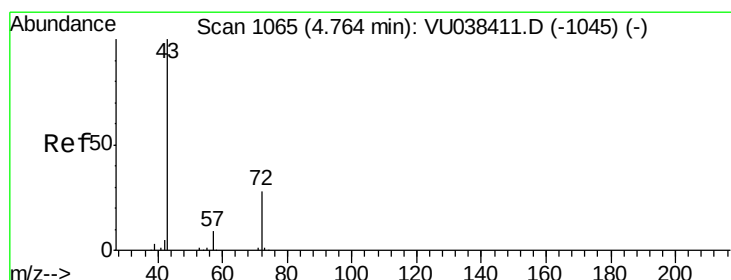
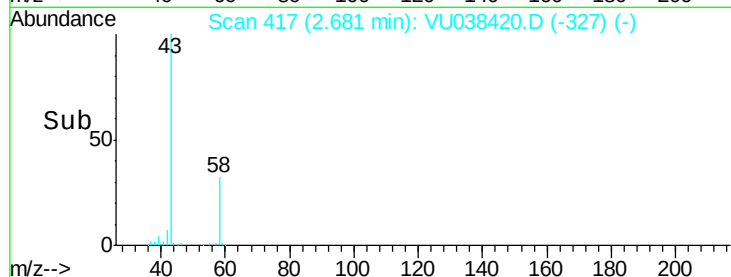
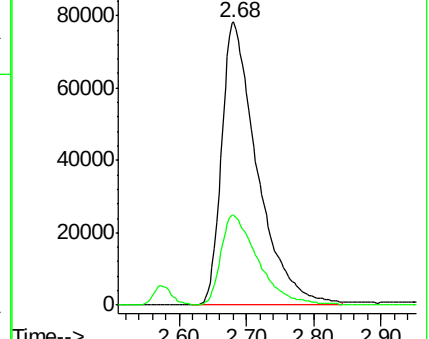
43 100

58 32.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 5.584 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: VU038420.D

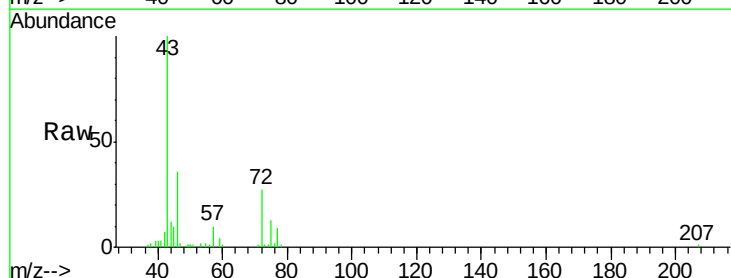
Acq: 30 May 2020 17:57

Tgt Ion: 43 Resp: 41322

Ion Ratio Lower Upper

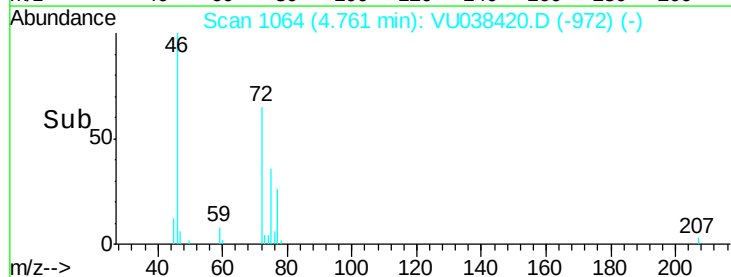
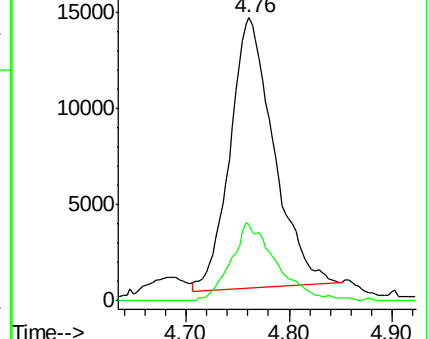
43 100

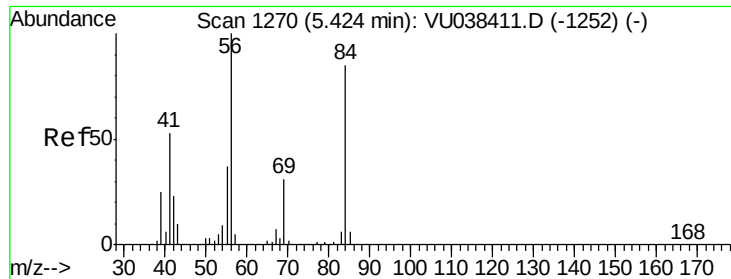
72 29.4 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

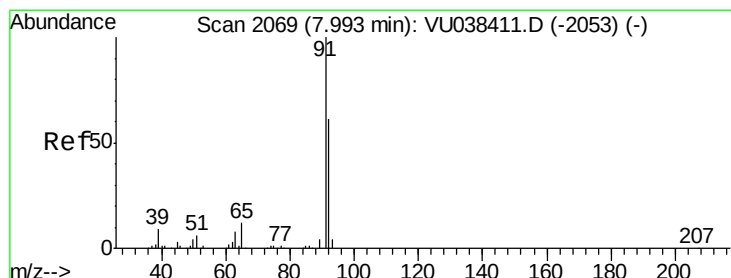
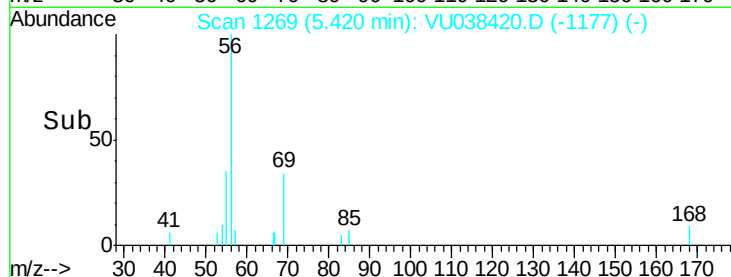
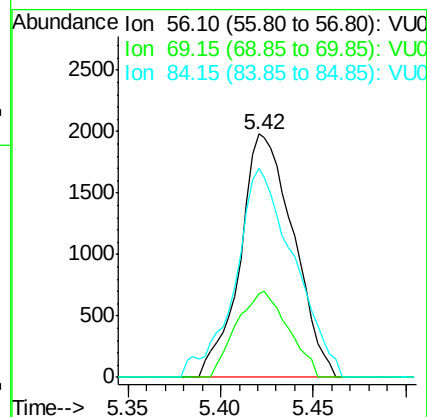
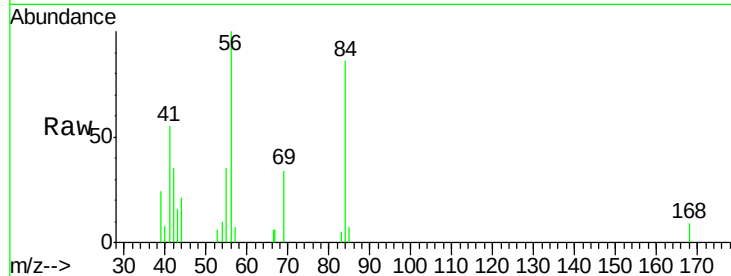




#30
Cyclohexane
Concen: 0.107 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038420.D
Acq: 30 May 2020 17:57

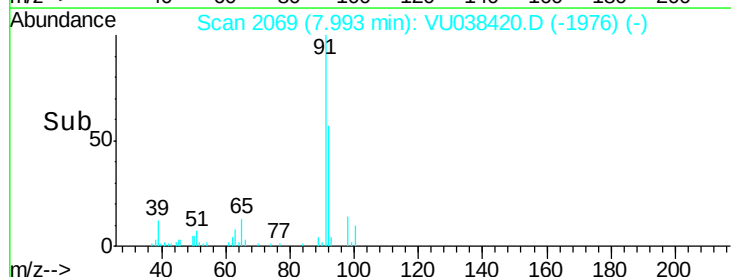
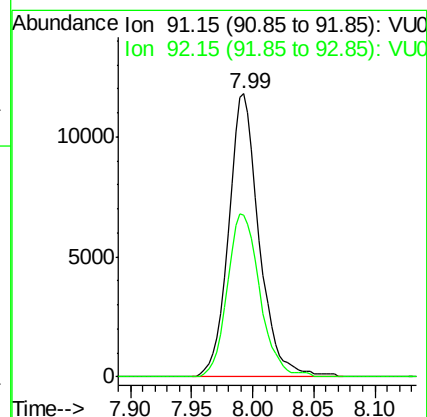
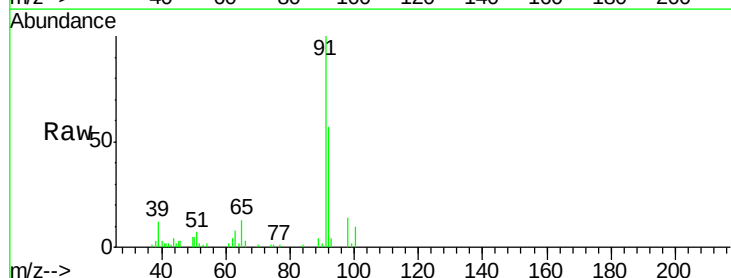
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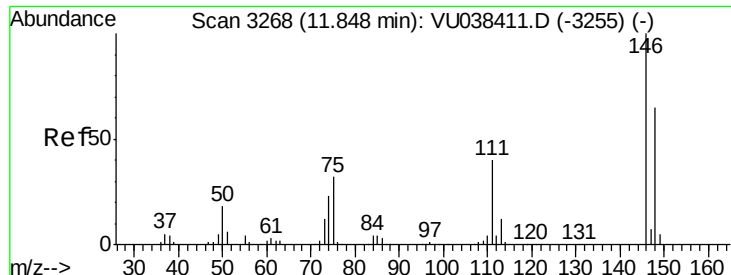
Tot Ion: 56 Resp: 3960
Ion Ratio Lower Upper
56 100
69 34.1 24.2 36.4
84 94.6 70.8 106.2



#42
Toluene
Concen: 0.213 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: VU038420.D
Acq: 30 May 2020 17:57

Tgt Ion: 91 Resp: 20691
Ion Ratio Lower Upper
91 100
92 57.3 43.0 79.8





#63

1,4-Dichlorobenzene

Concen: 0.243 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.00 min

Lab File: VU038420.D

Acq: 30 May 2020 17:57

Instrument :

MSVOA_U

ClientSampleId :

BE4Z9

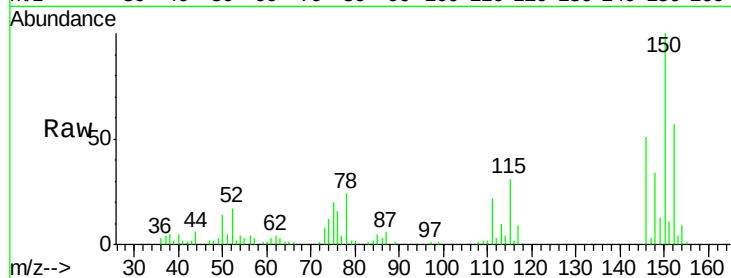
Tot Ion:146 Resp: 11999

Ion Ratio Lower Upper

146 100

111 42.7 27.6 51.2

148 66.6 44.8 83.2



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

