

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011691.D
 Acq On : 21 Jun 2019 18:11
 Operator : SY/MD
 Sample : K3415-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GALP9

Quant Time: Jun 24 05:08:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 24 03:42:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160832	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152192	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46656	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	35962	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.12	63	72959	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.96	46	161348	57.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.76%
24) Chloroform-d	4.40	84	76564	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.08	65	61138	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	196950	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	62754	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	166918	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	19278	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	117240	54.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46052	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57203	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

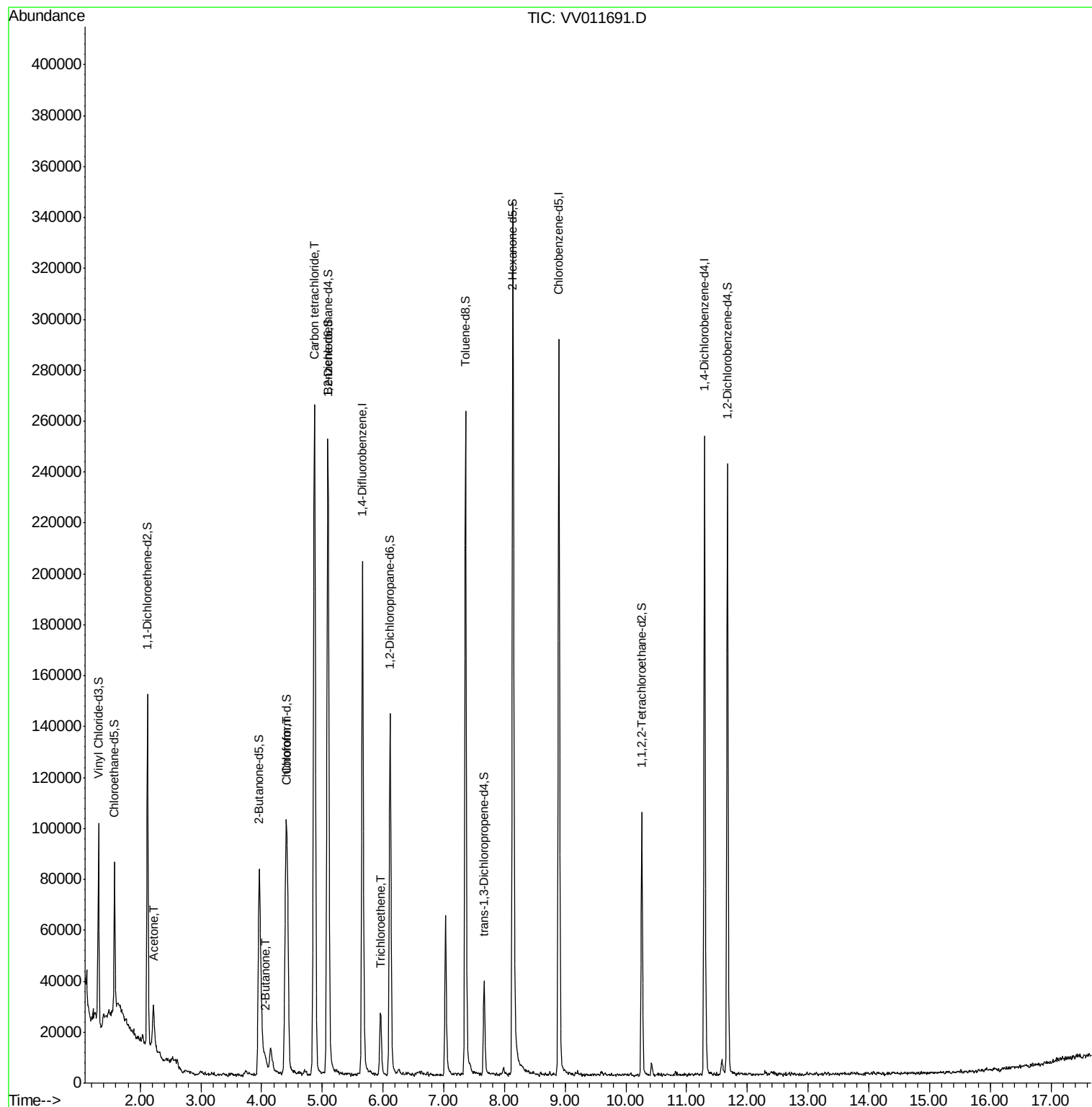
					Ovalue
13) Acetone	2.22	43	27493	13.535 ug/L	93
21) 2-Butanone	4.06	43	6242	1.907 ug/L	92
25) Chloroform	4.42	83	60128	2.354 ug/L	97
31) Carbon tetrachloride	4.87	117	182136	10.995 ug/L	99
34) Trichloroethene	5.96	95	8558	0.640 ug/L	94

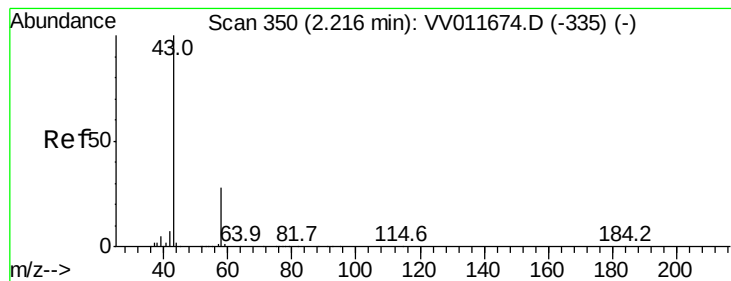
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.535 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV011691.D

Acq: 21 Jun 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

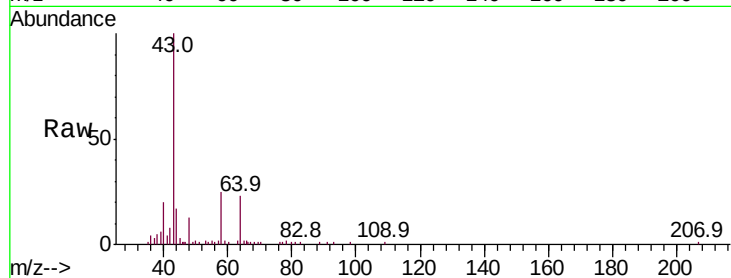
GALP9

Tot Ion: 43 Resp: 27493

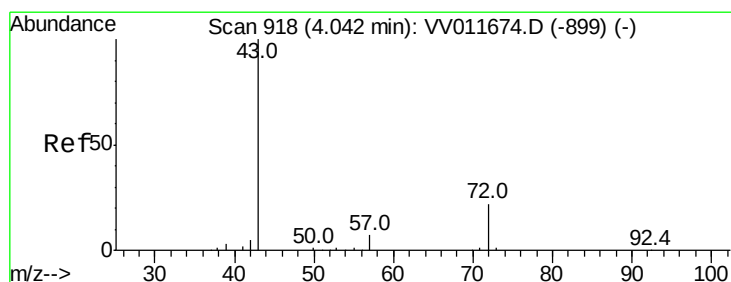
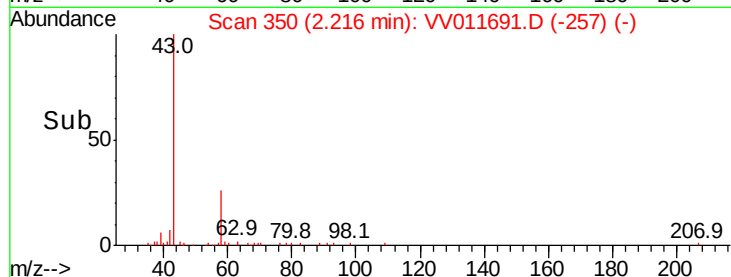
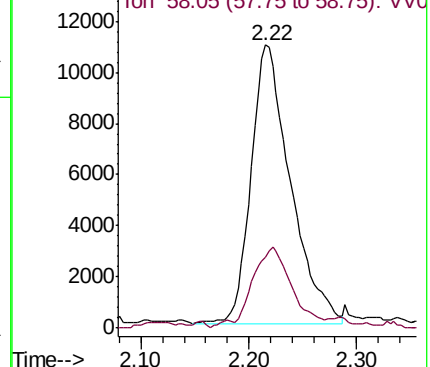
Ion Ratio Lower Upper

43 100

58 24.7 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-335) (-)



#21

2-Butanone

Concen: 1.907 ug/L

RT: 4.06 min Scan# 925

Delta R.T. 0.02 min

Lab File: VV011691.D

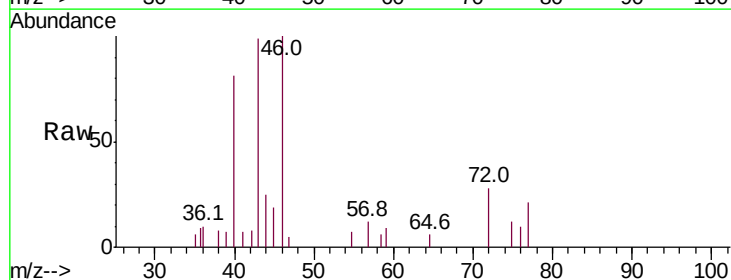
Acq: 21 Jun 2019 18:11

Tgt Ion: 43 Resp: 6242

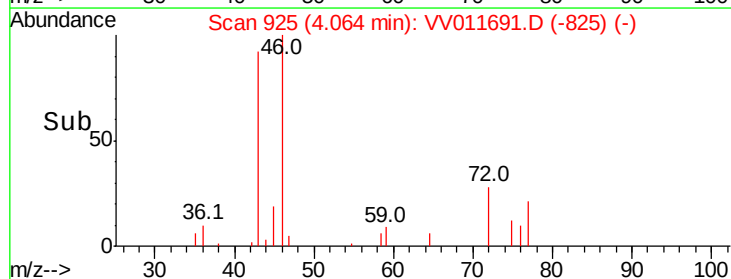
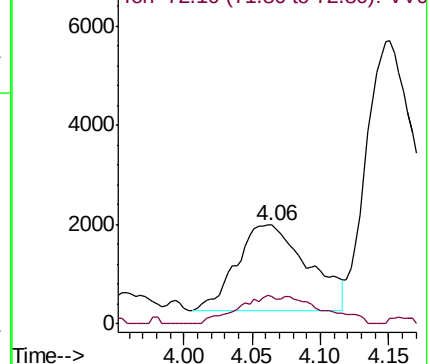
Ion Ratio Lower Upper

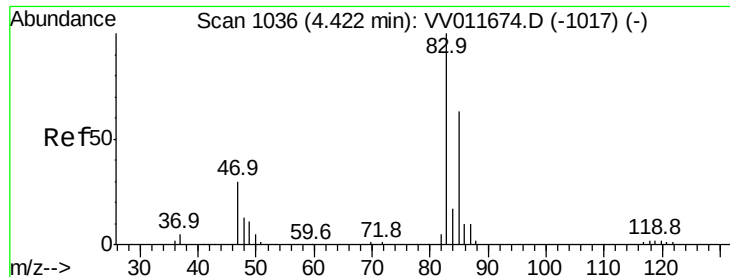
43 100

72 18.1 10.9 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-899) (-)

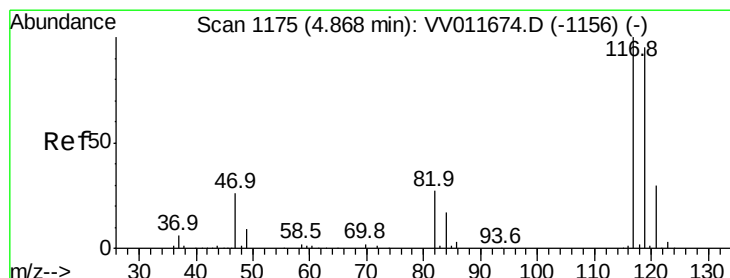
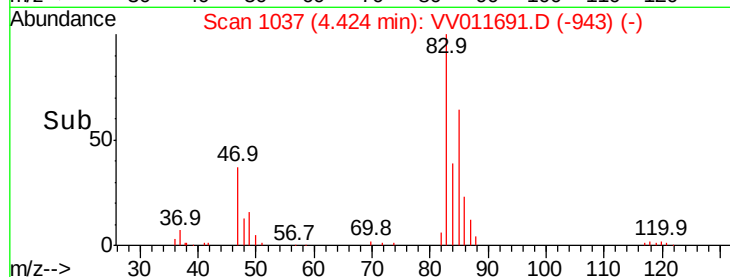
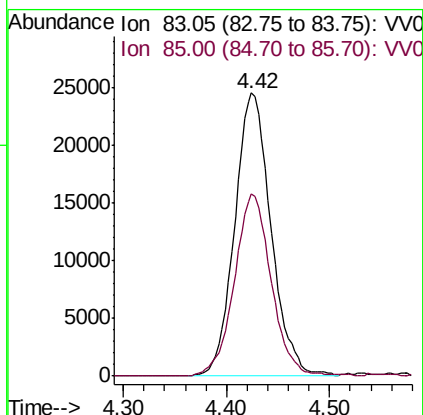
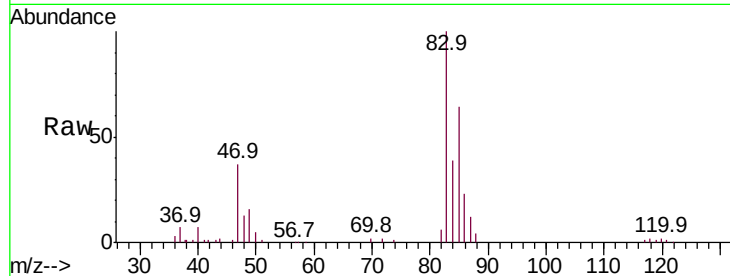




#25
Chloroform
Concen: 2.354 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

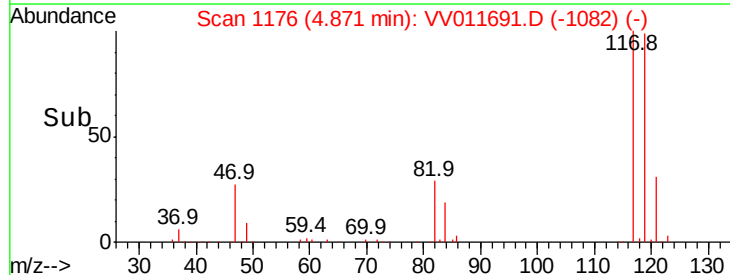
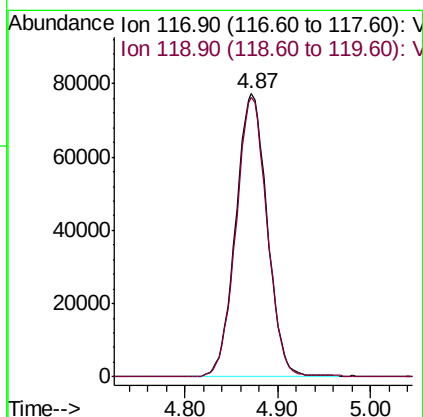
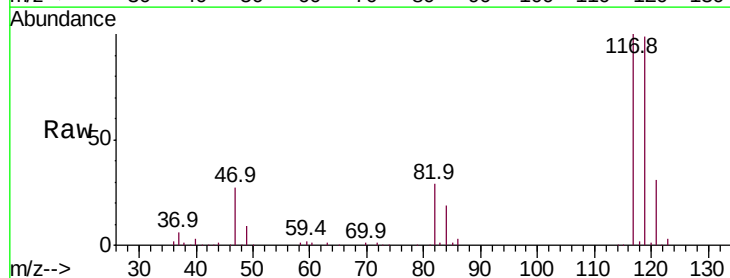
Instrument :
MSVOA_V
ClientSampled :
GALP9

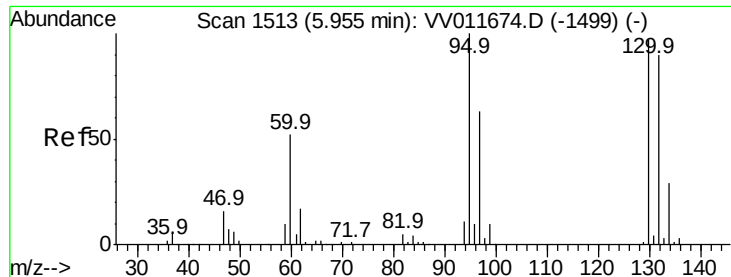
Tot Ion: 83 Resp: 60128
Ion Ratio Lower Upper
83 100
85 64.4 47.0 87.2



#31
Carbon tetrachloride
Concen: 10.995 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV011691.D
Acq: 21 Jun 2019 18:11

Tgt Ion: 117 Resp: 182136
Ion Ratio Lower Upper
117 100
119 97.4 77.1 115.7





#34

Trichloroethene

Concen: 0.640 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011691.D

Acq: 21 Jun 2019 18:11

Instrument :

MSVOA_V

ClientSampleId :

GALP9

Tot Ion: 95 Resp: 8558

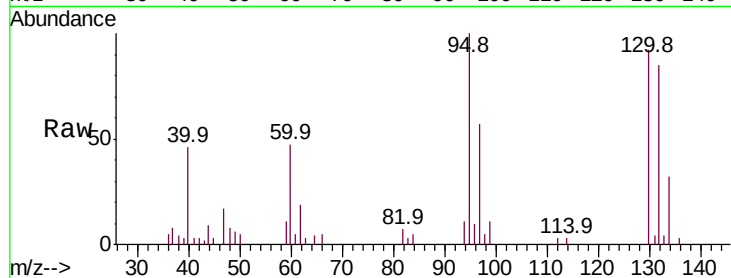
Ion Ratio Lower Upper

95 100

97 57.1 44.4 82.5

132 85.5 65.0 120.6

130 92.2 67.1 124.7



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

