

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015949.D
 Acq On : 07 May 2020 19:28
 Operator : SY/MD
 Sample : L2519-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRS0

Quant Time: May 08 06:33:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 05:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142431	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140218	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39630	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	37938	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	63048	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.93	46	125486	56.93	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.86%
24) Chloroform-d	4.38	84	90554	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.06	65	51614	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.08	84	173986	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.09	67	55304	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.34	98	158438	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
45) trans-1,3-Dichloropropene-	7.65	79	18710	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
48) 2-Hexanone-d5	8.12	63	87701	49.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36830	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	58737	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

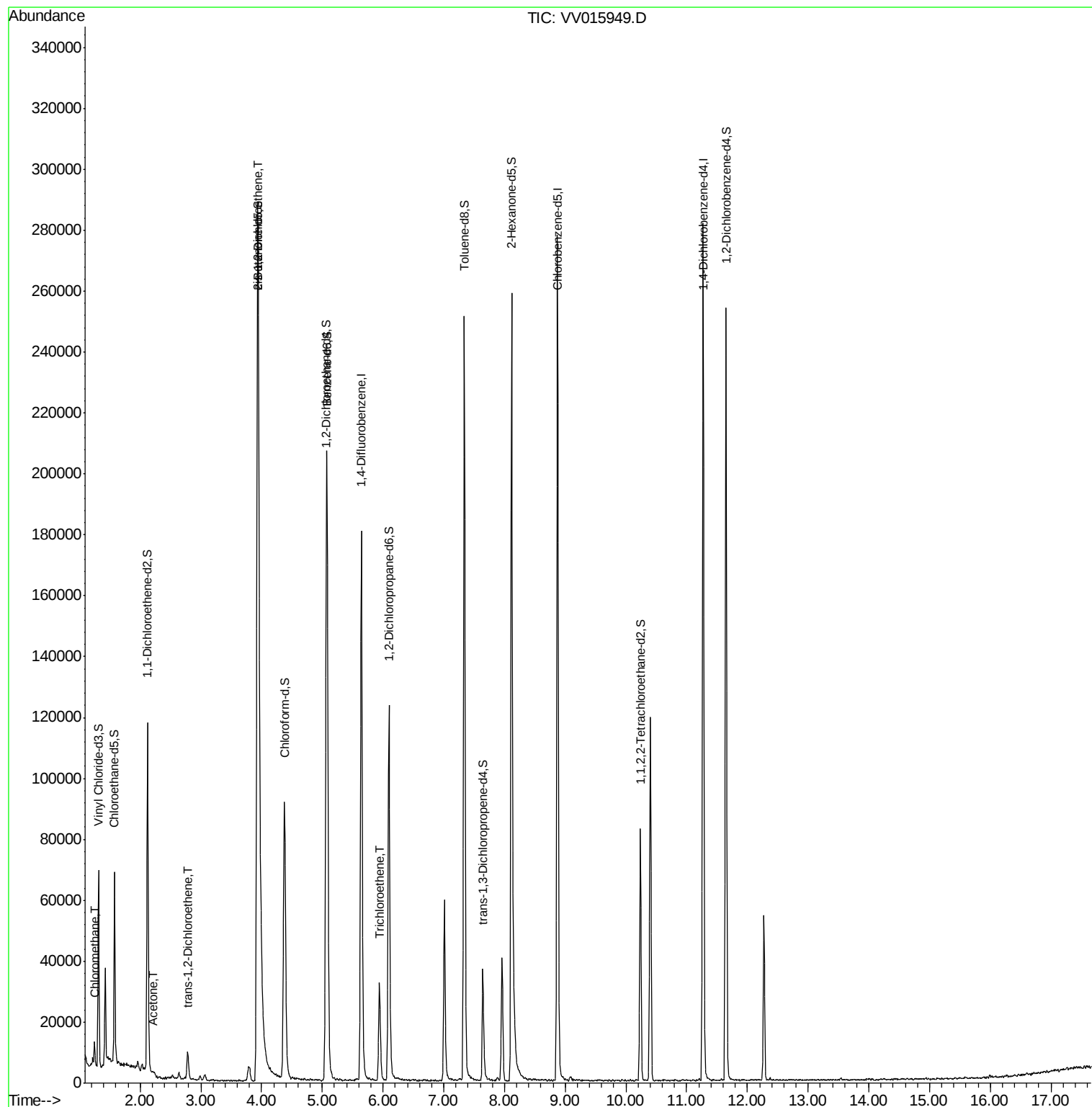
					Ovalue
3) Chloromethane	1.25	50	4635	0.419 ug/L	100
13) Acetone	2.21	43	3223	2.217 ug/L	90
18) trans-1,2-Dichloroethene	2.78	96	2537	0.293 ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	107992	11.909 ug/L	97
34) Trichloroethene	5.94	95	10835	1.076 ug/L	96

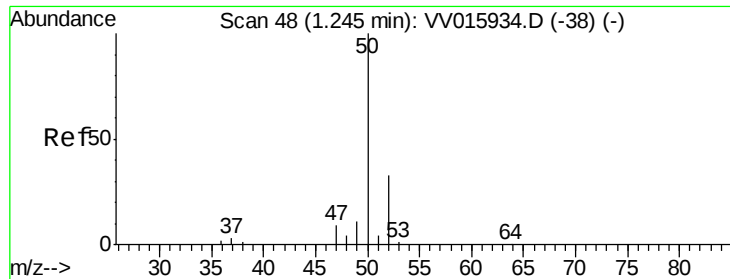
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.419 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015949.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_V

ClientSampleId :

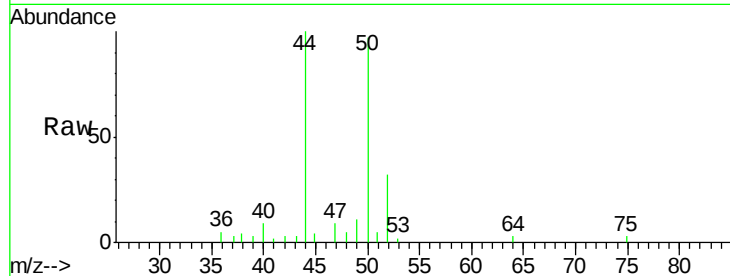
BFRS0

Tot Ion: 50 Resp: 4635

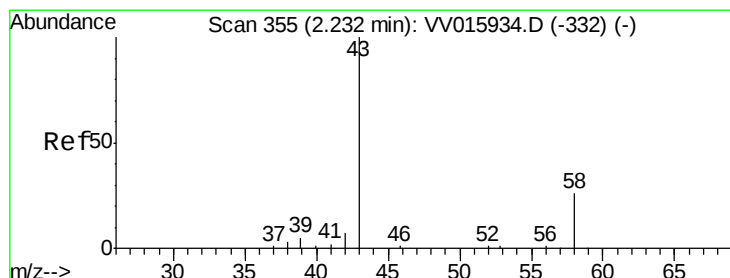
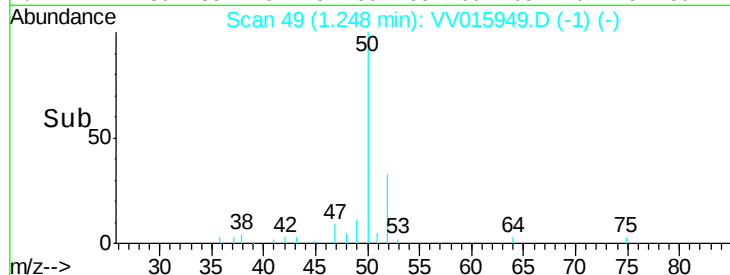
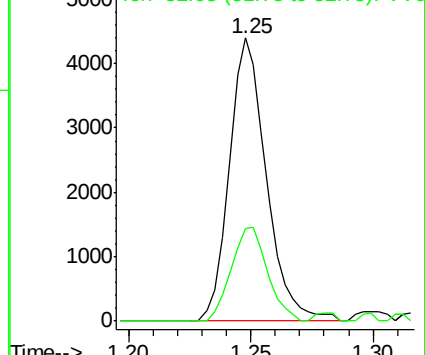
Ion Ratio Lower Upper

50 100

52 32.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV015949.D (-1) (-)



#13

Acetone

Concen: 2.217 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV015949.D

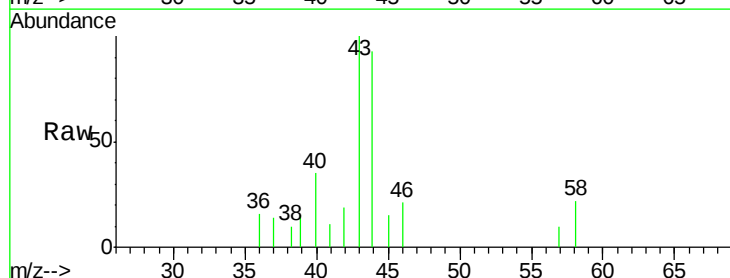
Acq: 07 May 2020 19:28

Tgt Ion: 43 Resp: 3223

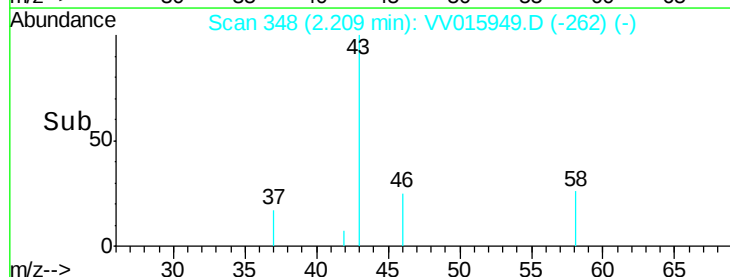
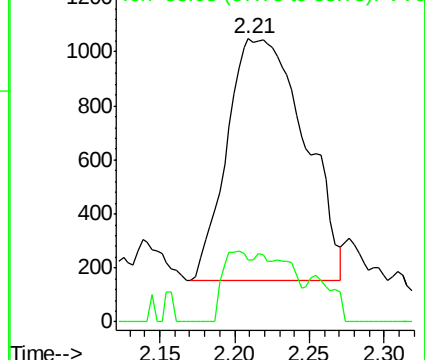
Ion Ratio Lower Upper

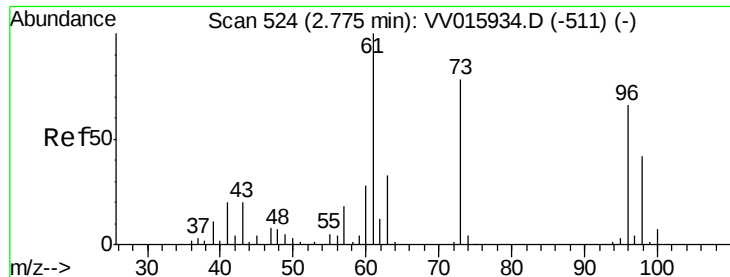
43 100

58 11.1 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015949.D (-262) (-)

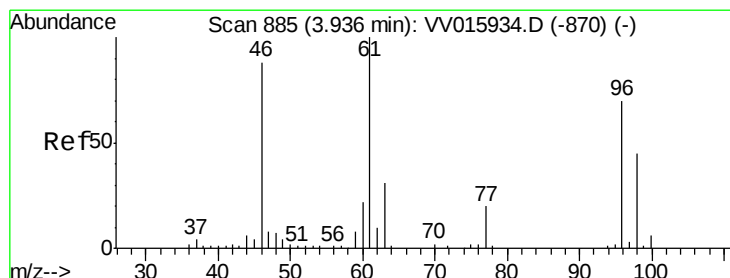
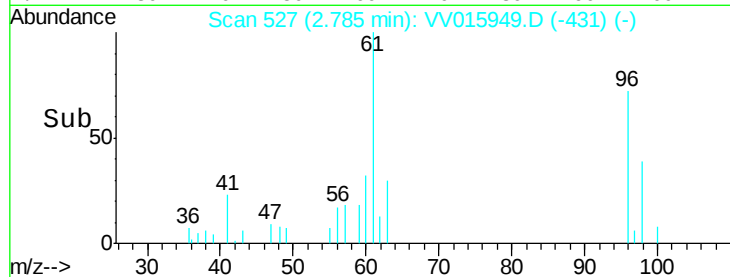
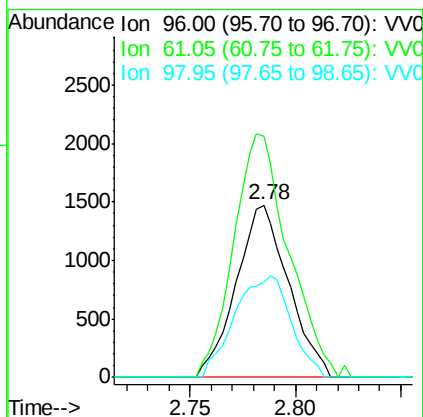
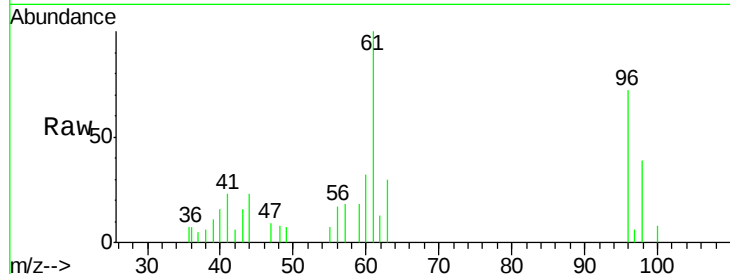




#18
trans-1,2-Dichloroethene
Concen: 0.293 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

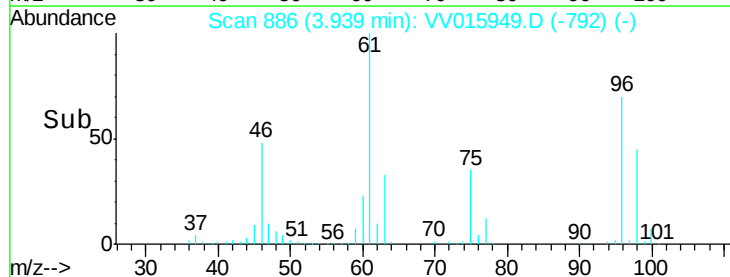
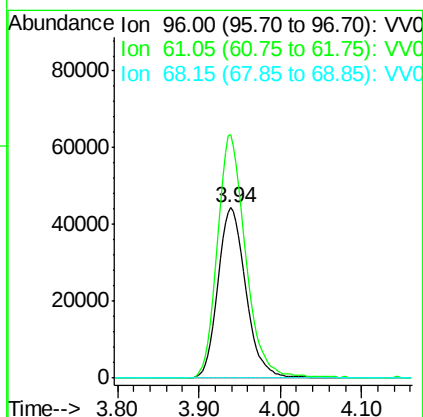
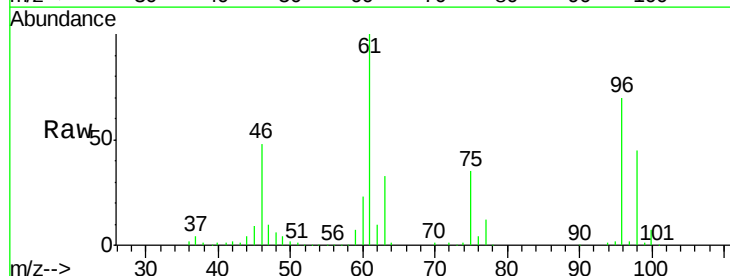
Instrument :
MSVOA_V
ClientSampled :
BFRS0

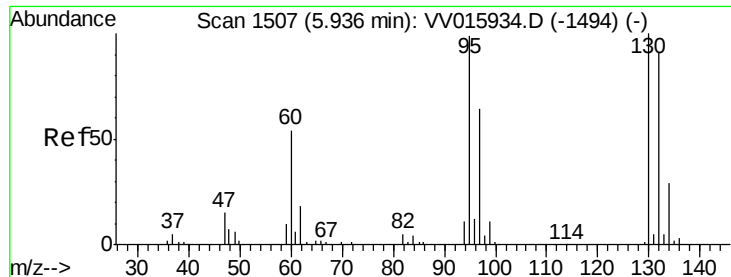
Tot Ion: 96 Resp: 2537
Ion Ratio Lower Upper
96 100
61 139.9 105.3 195.5
98 55.0 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 11.909 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 96 Resp: 107992
Ion Ratio Lower Upper
96 100
61 142.9 97.2 180.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.076 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015949.D

Acq: 07 May 2020 19:28

Instrument :

MSVOA_V

ClientSampleId :

BFRS0

Tot Ion: 95 Resp: 10835

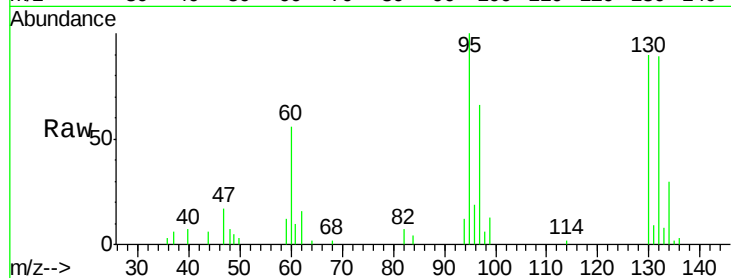
Ion Ratio Lower Upper

95 100

97 65.7 43.3 80.5

132 88.9 60.3 112.1

130 90.0 66.0 122.6



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

