

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025667.D
 Acq On : 5 Sep 2018 12:56
 Operator : SY/MD
 Sample : VR0905WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 06 03:36:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	426725	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	355994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	108898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	128236	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	2.62	69	112835	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	3.63	63	233178	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.59	46	119904	56.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.30%
24) Chloroform-d	7.21	84	228817	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	7.89	65	81076	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	7.86	84	538405	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	8.90	67	154629	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	9.97	98	476547	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.24	79	30680	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	126477	55.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.42%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62725	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	100874	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

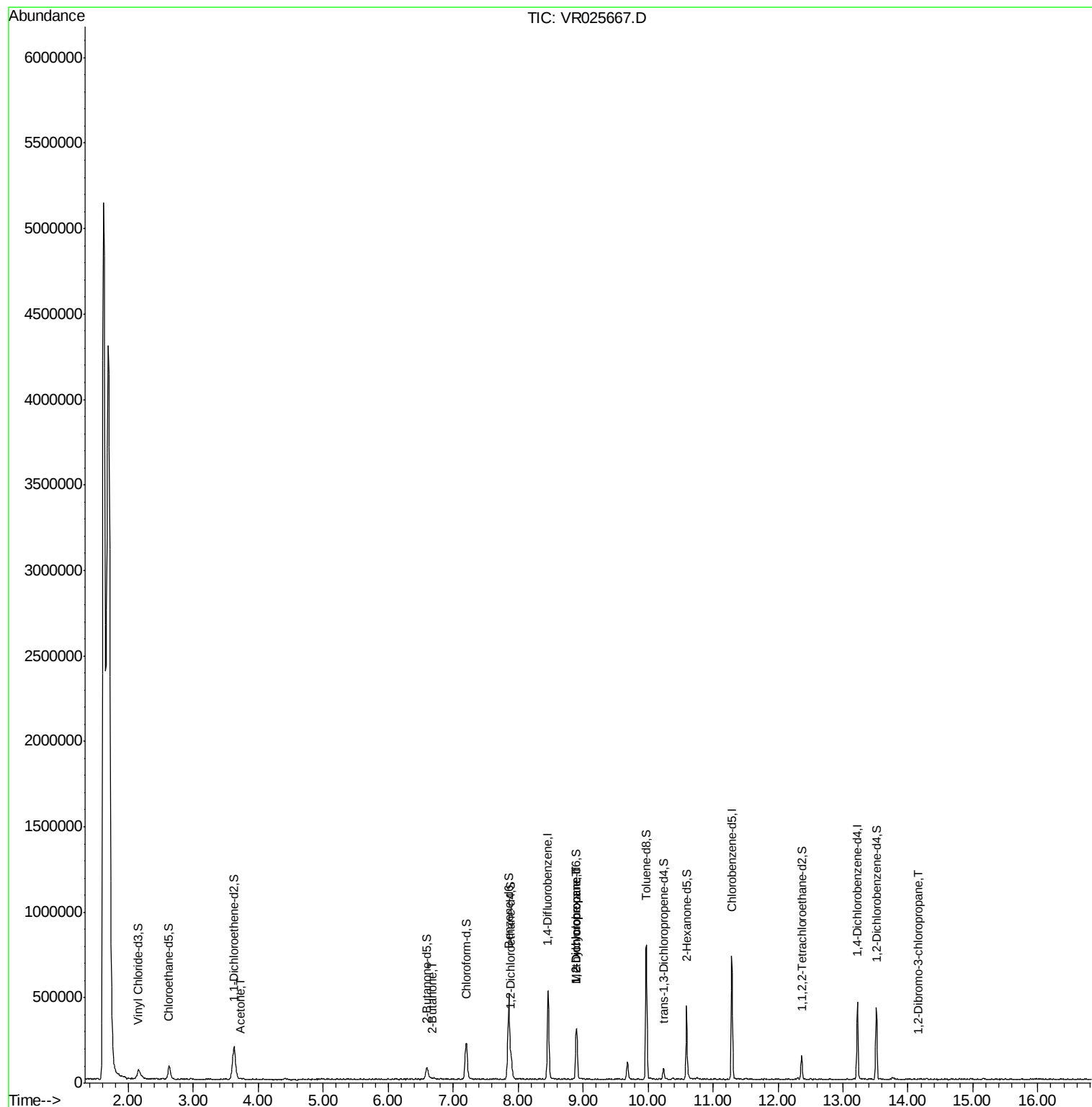
					Ovalue
13) Acetone	3.73	43	1223	0.93 ug/L	89
21) 2-Butanone	6.67	43	584	0.22 ug/L	95
35) Methylcyclohexane	8.90	83	33969	0.70 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	15121	0.53 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	212	0.27 ug/L #	82

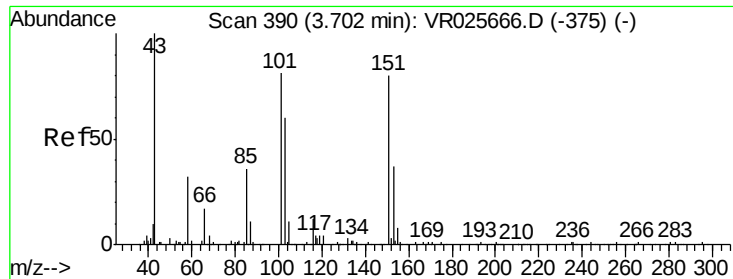
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.93 ug/L

RT: 3.73 min Scan# 394

Delta R.T. 0.02 min

Lab File: VR025667.D

Acq: 5 Sep 2018 12:56

Instrument :

MSVOA_R

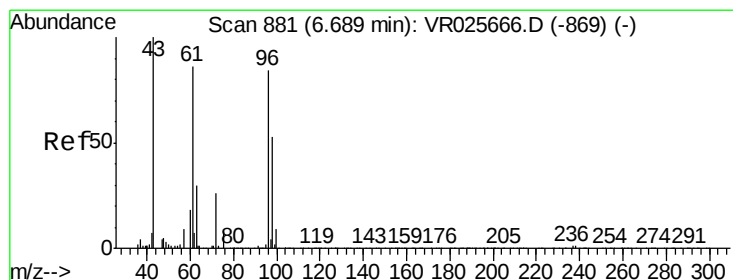
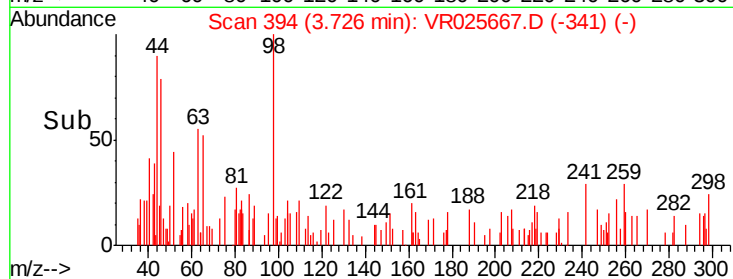
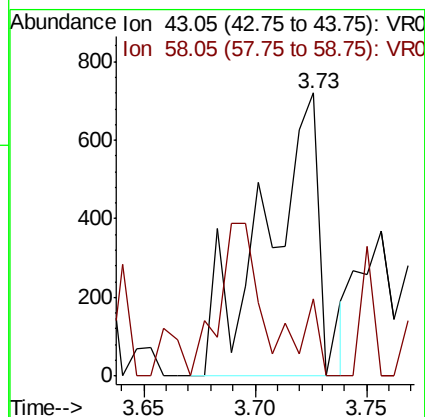
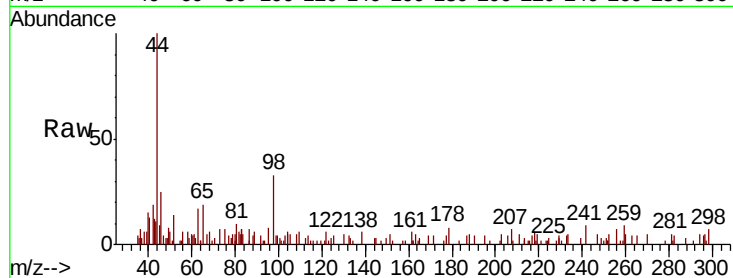
ClientSampleId :

Tot Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

58 37.6 0.0 63.4



#21

2-Butanone

Concen: 0.22 ug/L

RT: 6.67 min Scan# 878

Delta R.T. -0.02 min

Lab File: VR025667.D

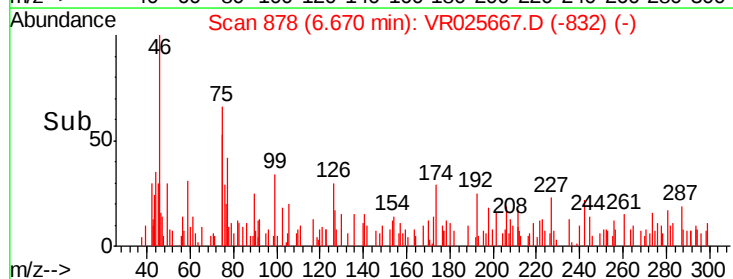
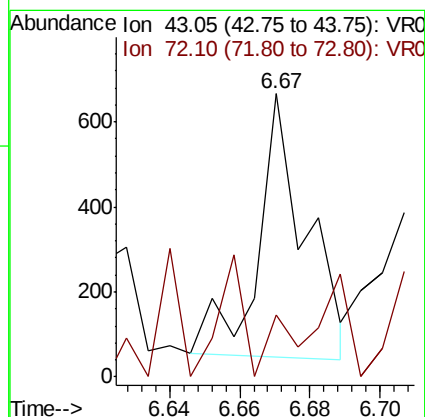
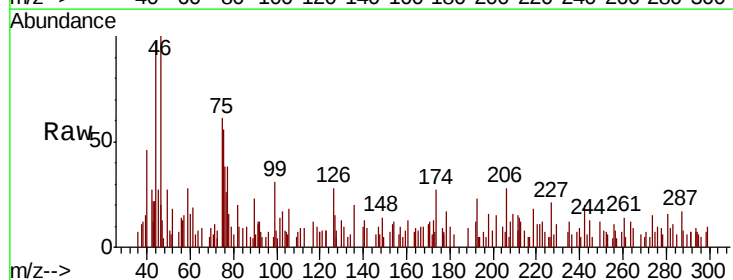
Acq: 5 Sep 2018 12:56

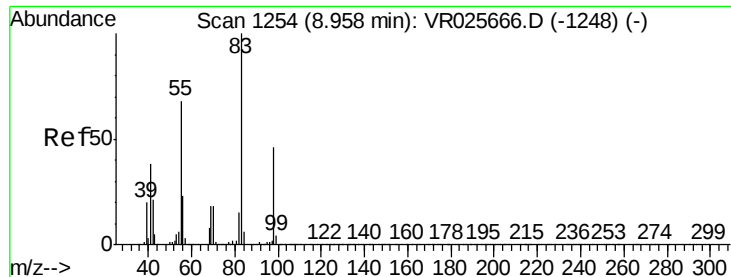
Tgt Ion: 43 Resp: 584

Ion Ratio Lower Upper

43 100

72 31.3 14.3 42.9





#35

Methvlcvclohexane

Concen: 0.70 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025667.D

Acq: 5 Sep 2018 12:56

Instrument :
MSVOA_R
ClientSampled :

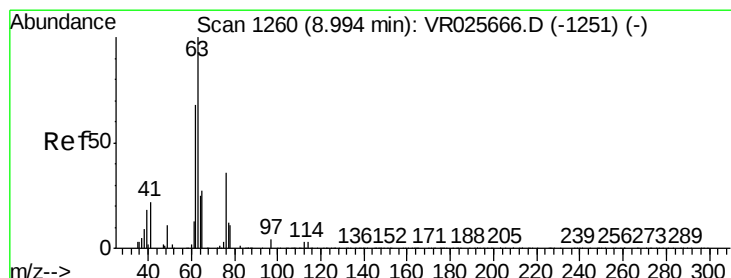
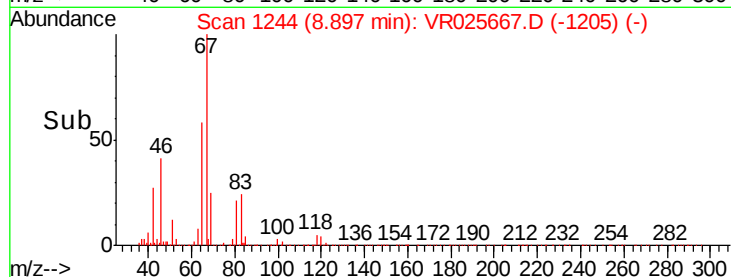
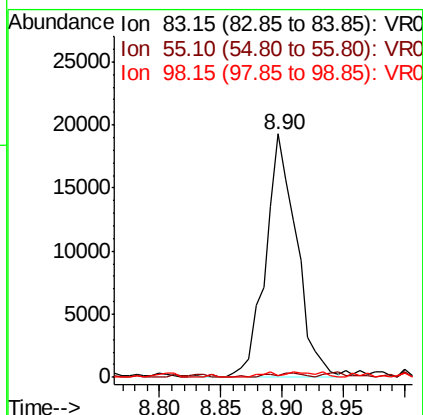
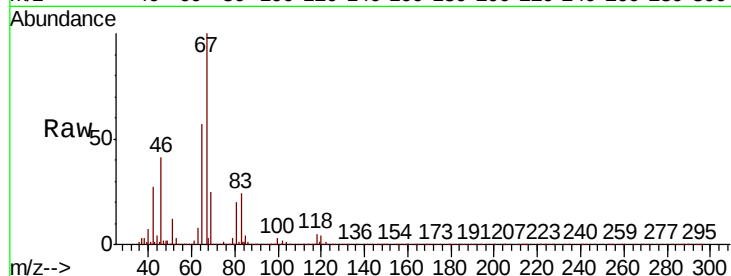
Tot Ion: 83 Resp: 33969

Ion Ratio Lower Upper

83 100

55 0.0 56.7 85.1#

98 1.1 35.8 53.8#



#37

1,2-Dichloropropane

Concen: 0.53 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025667.D

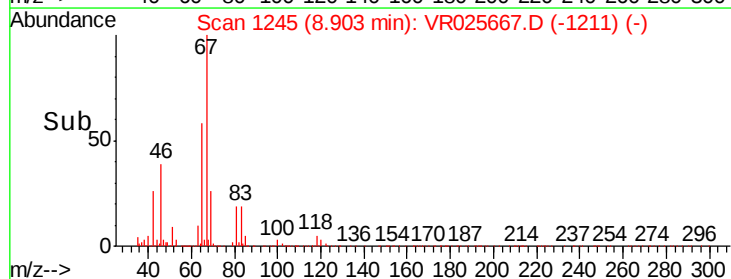
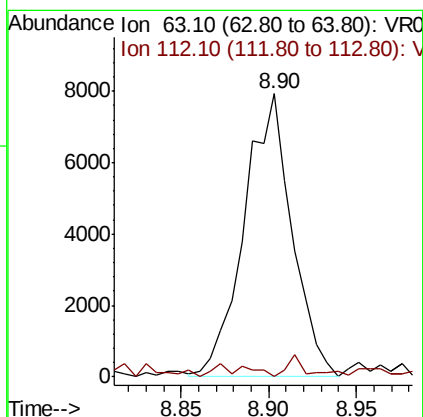
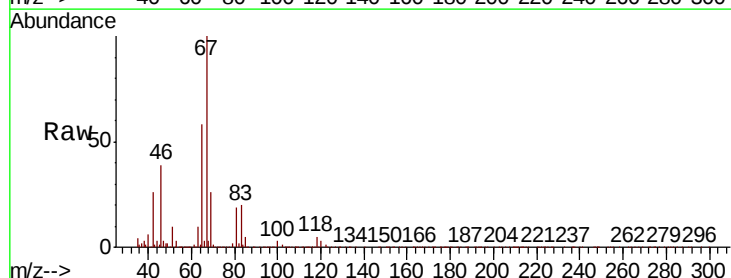
Acq: 5 Sep 2018 12:56

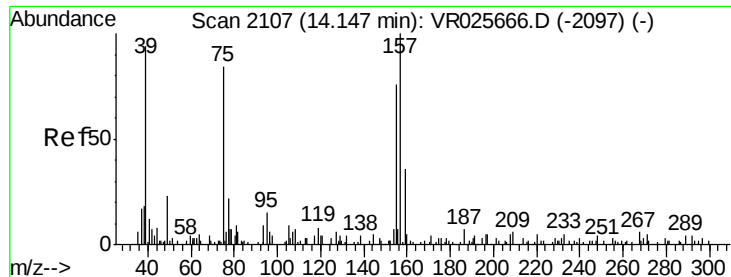
Tgt Ion: 63 Resp: 15121

Ion Ratio Lower Upper

63 100

112 2.5 2.5 3.7

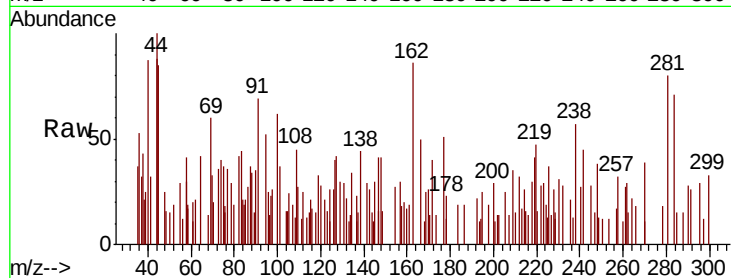




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.27 ug/L
 RT: 14.15 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VR025667.D
 Acq: 5 Sep 2018 12:56

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 212
 Ion Ratio Lower Upper
 75 100
 155 51.7 55.2 82.8#
 157 94.4 89.4 134.2



Abundance Ion 75.05 (74.75 to 75.75): VR0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

