

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011380.D
 Acq On : 11 Jun 2019 07:25
 Operator : SY/MD
 Sample : K3229-15
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P35

Quant Time: Jun 11 08:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	146484	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	137824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55440	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36886	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.58	69	35167	3.81	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.12	63	64380	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.97	46	133946	53.60	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.20%
24) Chloroform-d	4.40	84	85645	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	50017	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.09	84	164017	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.12	67	53572	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.36	98	141015	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.66	79	13758	2.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.80%
46) 2-Hexanone-d5	8.14	63	103000	50.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38156	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	48259	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

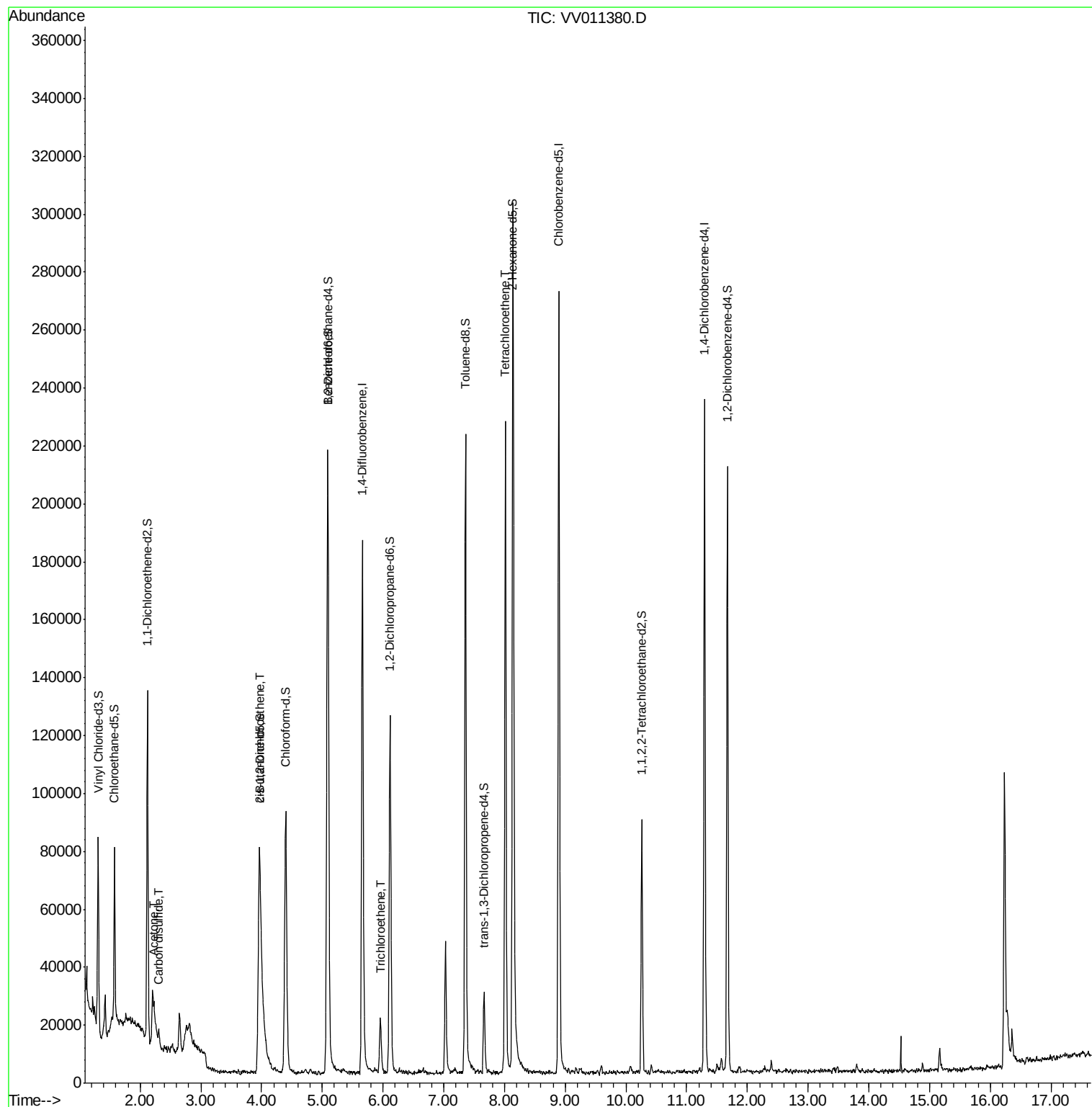
					Ovalue
13) Acetone	2.23	43	21921	13.084	ug/L 87
14) Carbon disulfide	2.31	76	4657	0.166	ug/L # 87
22) cis-1,2-Dichloroethene	3.96	96	20430	1.785	ug/L 98
34) Trichloroethene	5.96	95	5392	0.476	ug/L 98
47) Tetrachloroethene	8.02	164	45784	5.592	ug/L 97

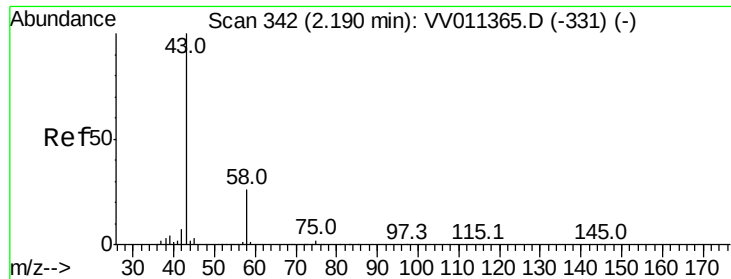
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.084 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.04 min

Lab File: VV011380.D

Acq: 11 Jun 2019 07:25

Instrument :

MSVOA_V

ClientSampleId :

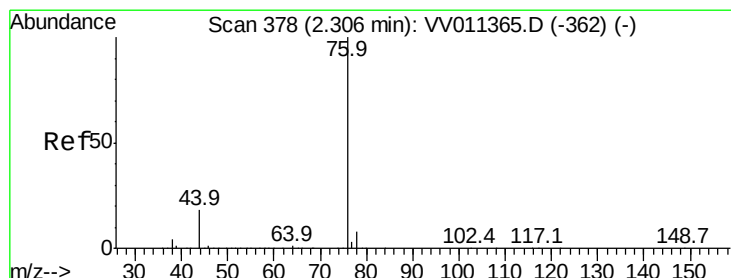
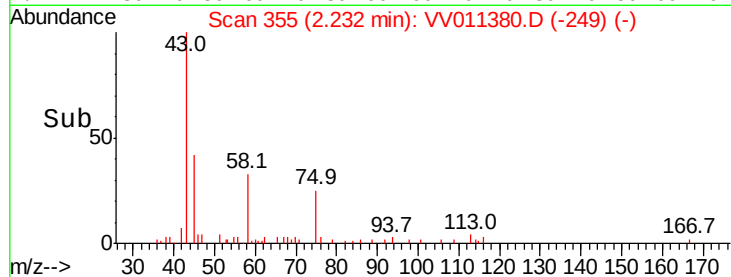
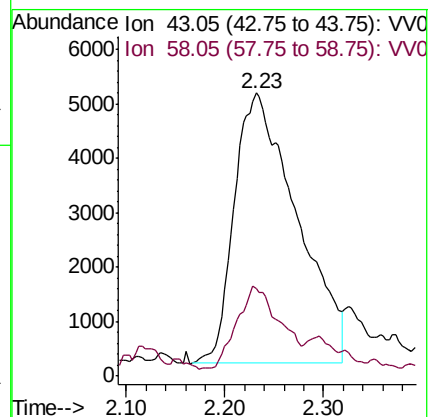
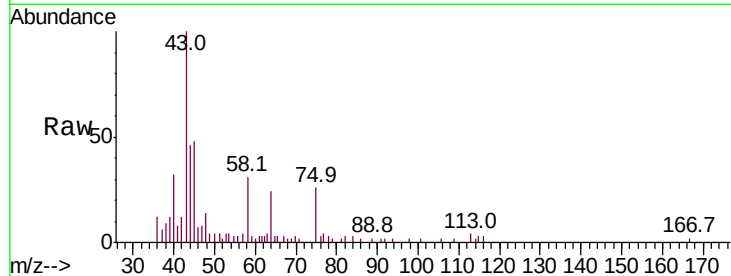
F9P35

Tot Ion: 43 Resp: 21921

Ion Ratio Lower Upper

43 100

58 20.6 0.0 55.2



#14

Carbon disulfide

Concen: 0.166 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011380.D

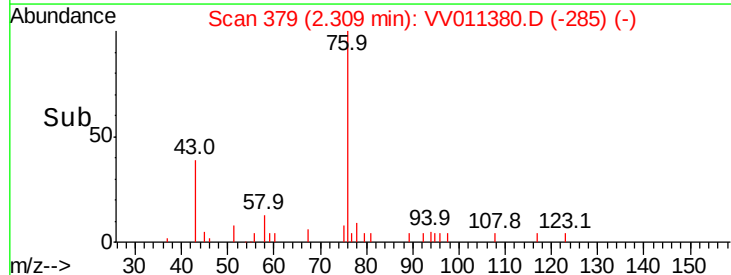
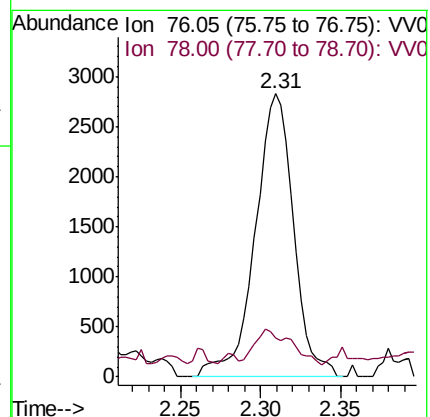
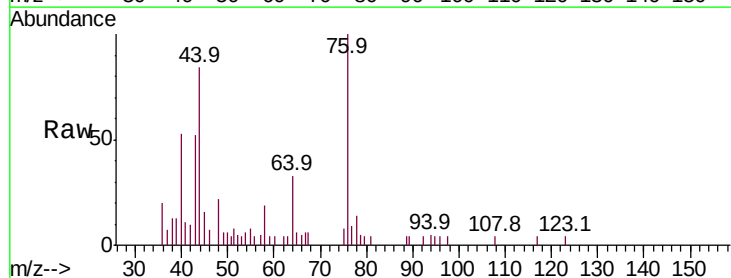
Acq: 11 Jun 2019 07:25

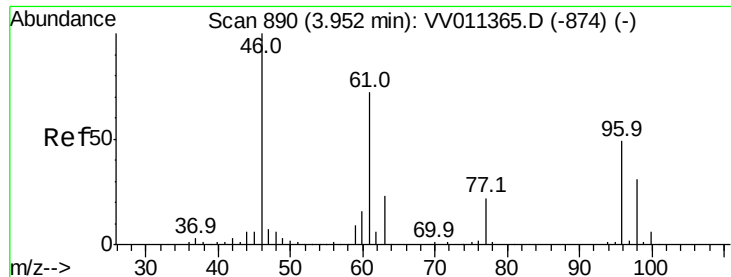
Tgt Ion: 76 Resp: 4657

Ion Ratio Lower Upper

76 100

78 13.7 7.3 10.9#



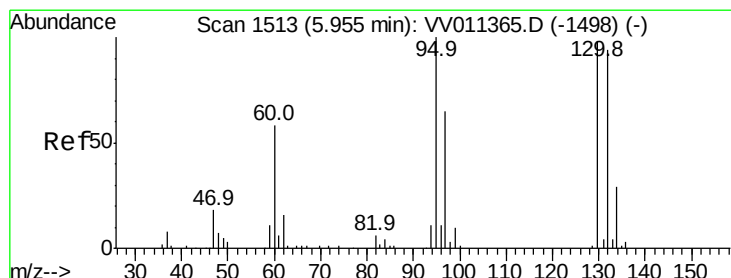
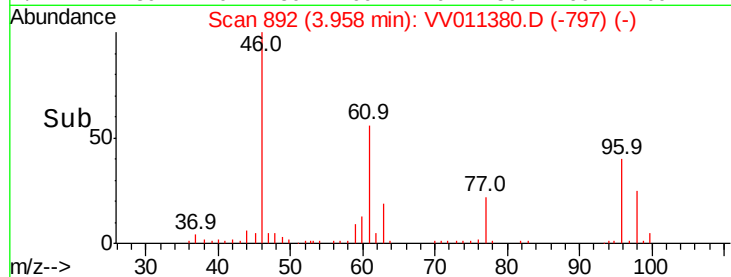
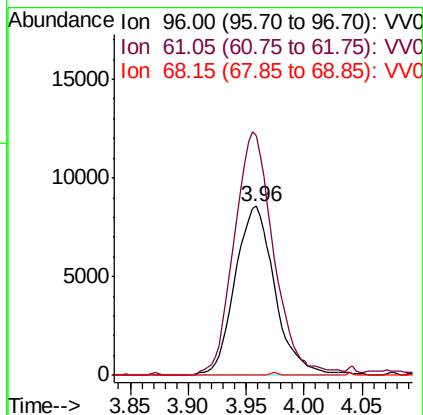
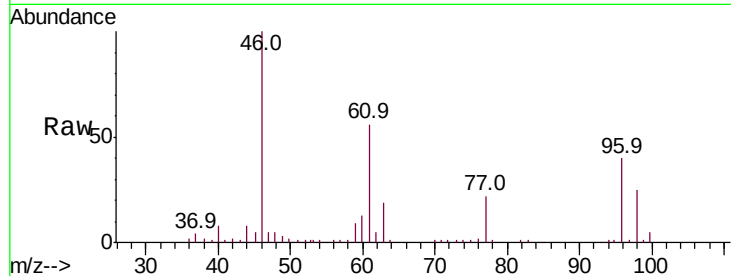


#22

cis-1,2-Dichloroethene
Concen: 1.785 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.01 min
Lab File: VV011380.D
Acq: 11 Jun 2019 07:25

Instrument :
MSVOA_V
ClientSampled :
F9P35

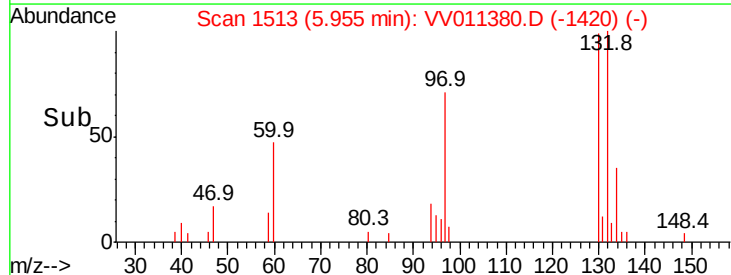
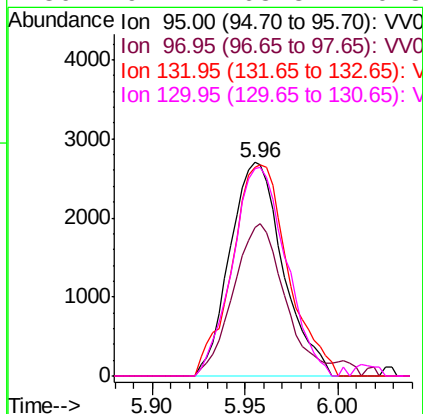
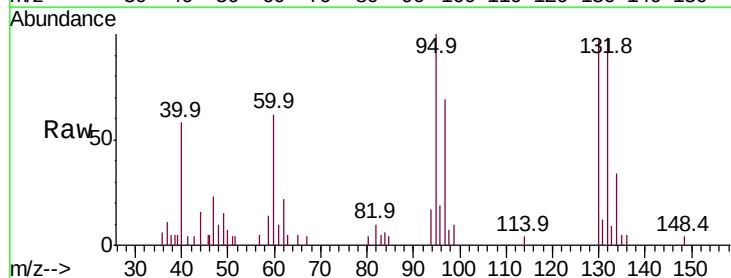
Tot Ion: 96 Resp: 20430
Ion Ratio Lower Upper
96 100
61 141.3 100.8 187.2
68 0.0 0.0 0.0

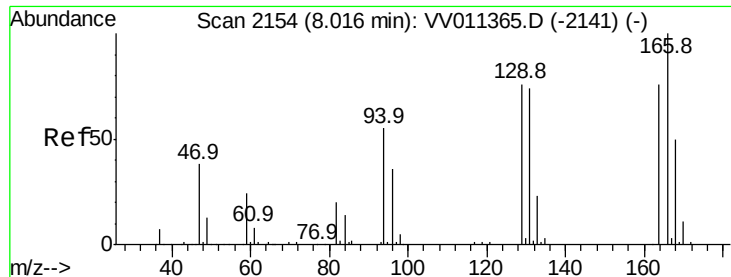


#34

Trichloroethene
Concen: 0.476 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011380.D
Acq: 11 Jun 2019 07:25

Tgt Ion: 95 Resp: 5392
Ion Ratio Lower Upper
95 100
97 69.2 45.8 85.2
132 97.8 66.4 123.2
130 97.1 68.3 126.8





#47

Tetrachloroethene

Concen: 5.592 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011380.D

Acq: 11 Jun 2019 07:25

Instrument :
MSVOA_V
ClientSampleId :
F9P35

Tot Ion:164 Resp: 45784

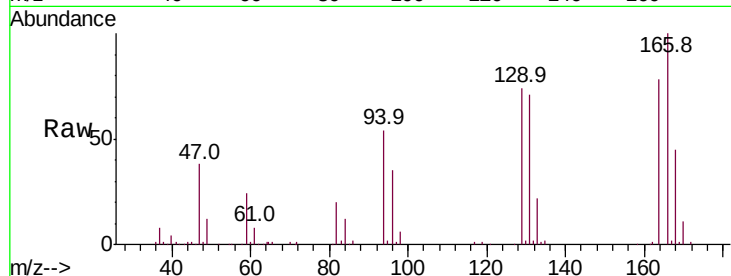
Ion Ratio Lower Upper

164 100

129 95.0 69.9 129.9

131 91.3 66.8 124.2

166 127.8 90.2 167.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

