

Data File : VW009395.D
Acq On : 23 Mar 2019 17:59
Operator : SY/VA
Sample : K2062-05
Misc : 5.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0H2

Quant Time: Mar 23 23:55:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376051	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	368096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90894	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
7) Chloroethane-d5	2.89	69	93481	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	4.01	63	149384	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.07	46	100742	54.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.42%
24) Chloroform-d	7.64	84	233227	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.30	65	150493	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.36%
29) Benzene-d6	8.27	84	416259	20.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.04%
33) 1,2-Dichloropropane-d6	9.27	67	135927	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.16%
37) Toluene-d8	10.32	98	367880	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.40%
38) trans-1,3-Dichloropropene-	10.57	79	62632	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.80%
39) 2-Hexanone-d5	10.93	63	74842	50.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147621	24.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	156275	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

Target Compounds

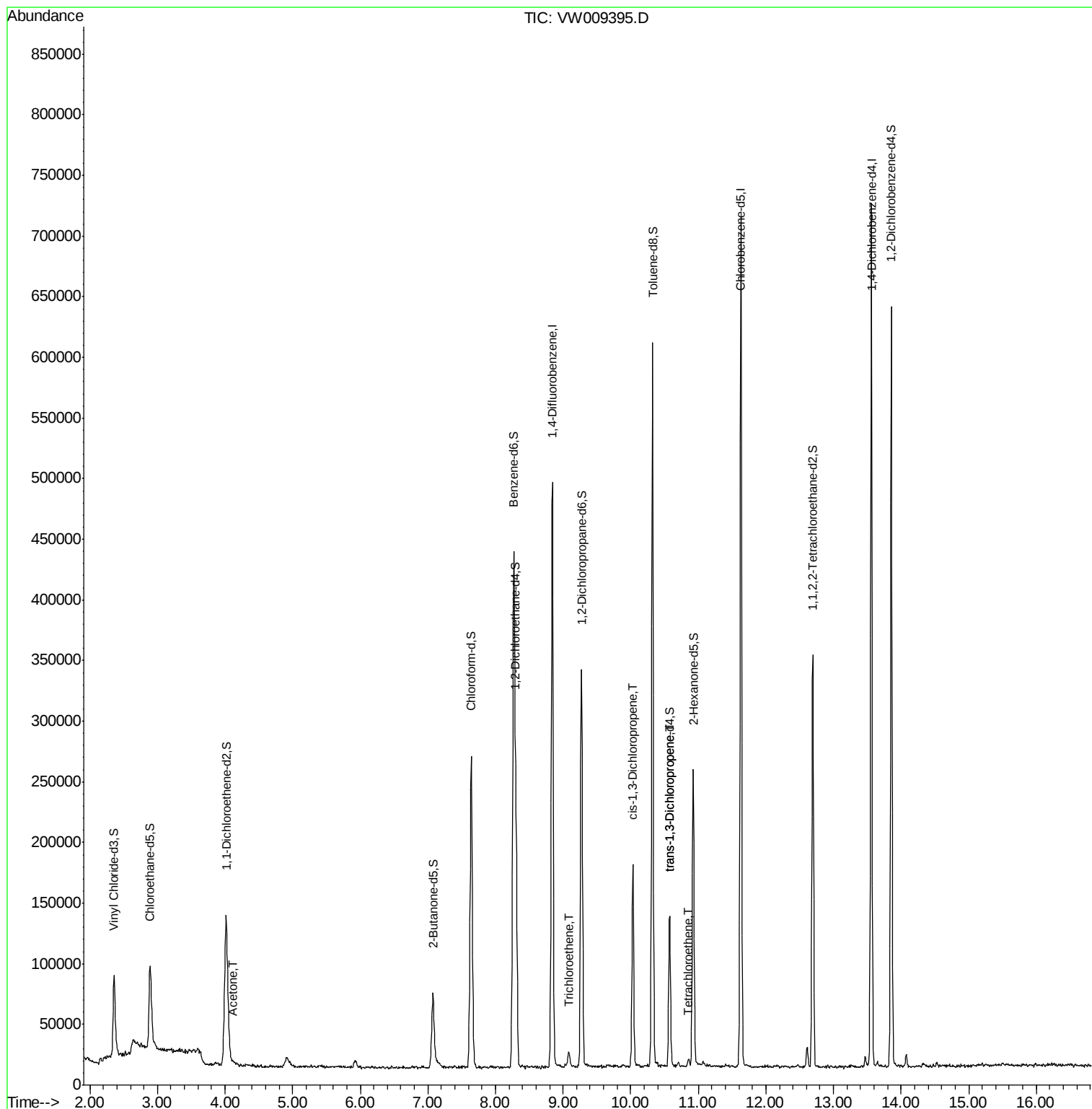
					Qvalue
13) Acetone	4.12	43	1791	1.175 ug/L	77
35) Trichloroethene	9.09	95	3396	0.633 ug/L #	16
42) cis-1,3-Dichloropropene	10.03	75	4579	0.544 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	3521	0.481 ug/L	90
47) Tetrachloroethene	10.86	164	1142	0.252 ug/L	86

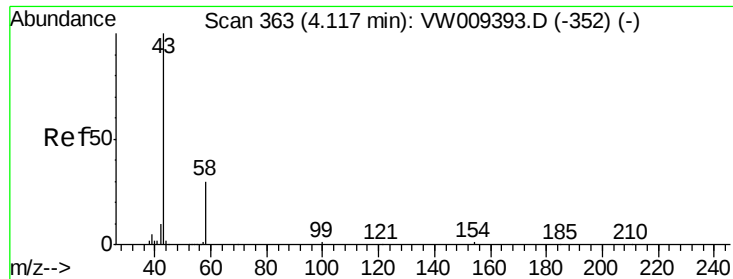
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.175 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

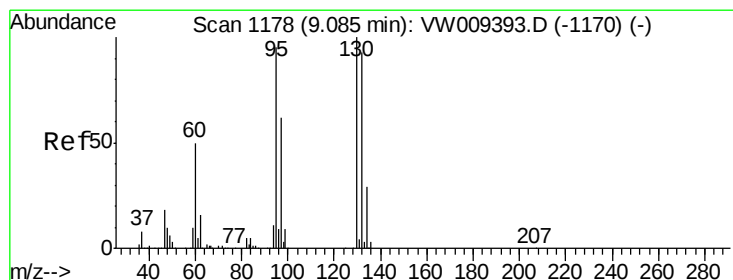
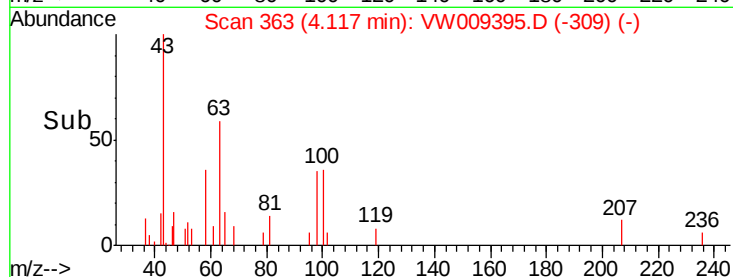
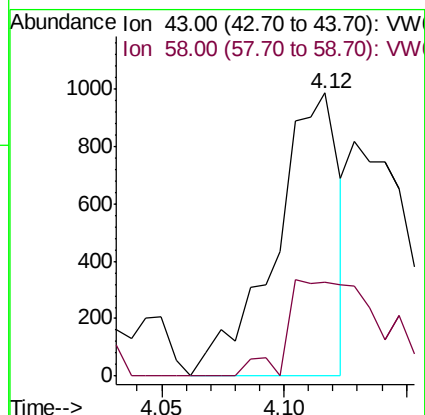
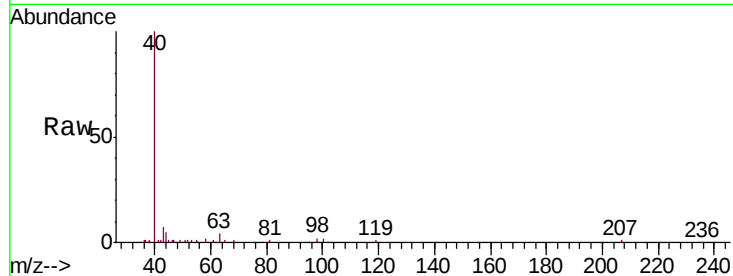
BF0H2

Tgt Ion: 43 Resp: 1791

Ion Ratio Lower Upper

43 100

58 40.4 0.0 56.2



#35

Trichloroethene

Concen: 0.633 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 3396

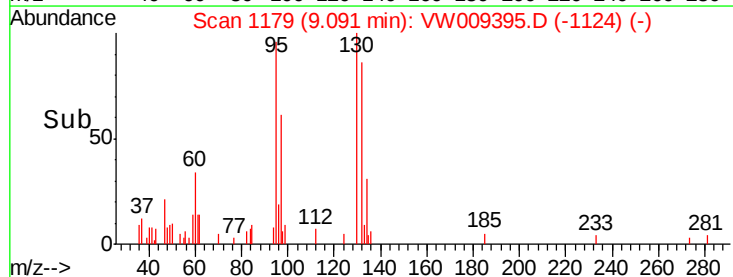
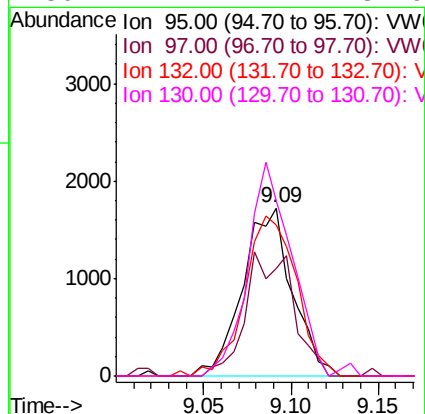
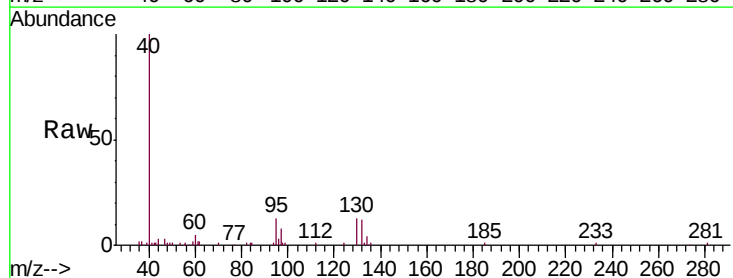
Ion Ratio Lower Upper

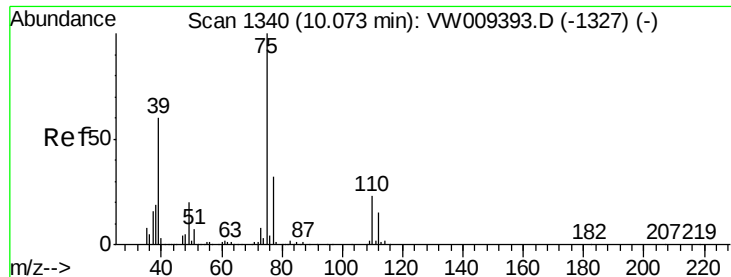
95 100

97 35.0 44.7 82.9#

132 0.0 69.0 128.2#

130 2.2 72.7 134.9#





#42

cis-1,3-Dichloropropene

Concen: 0.544 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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ClientSampleId :

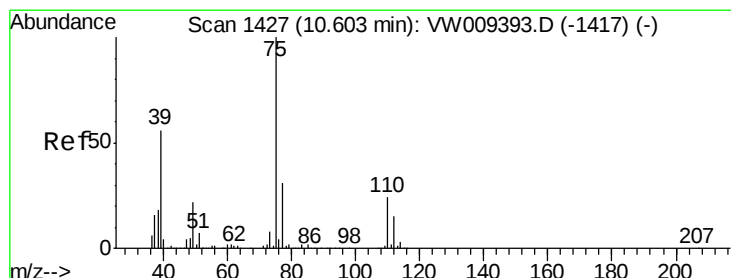
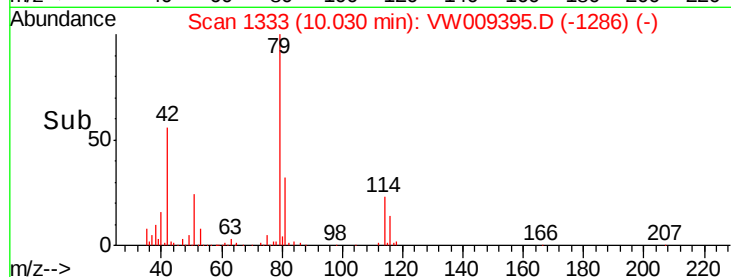
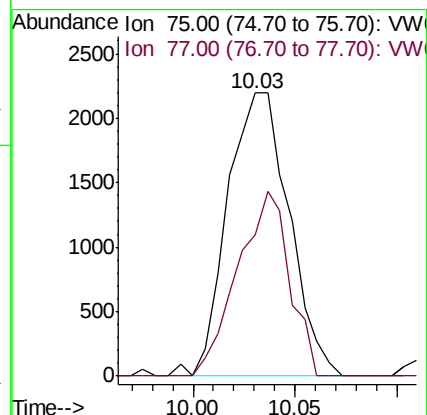
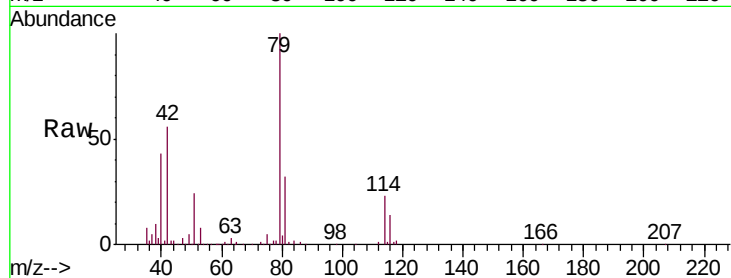
BF0H2

Tgt Ion: 75 Resp: 4579

Ion Ratio Lower Upper

75 100

77 49.9 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.481 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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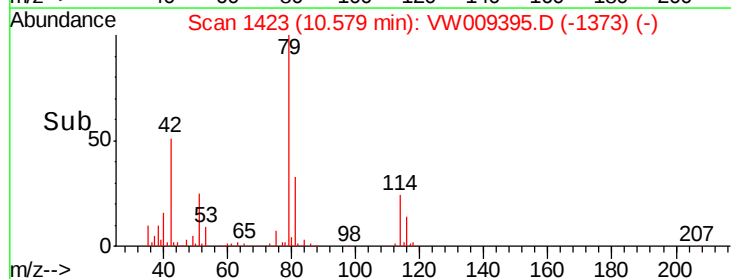
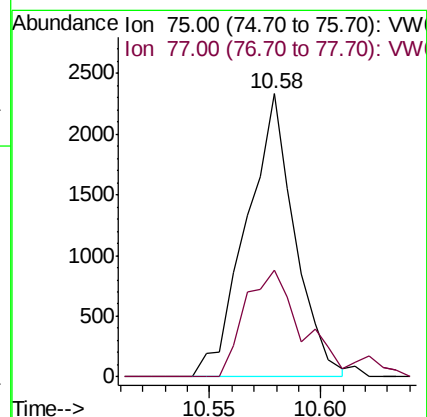
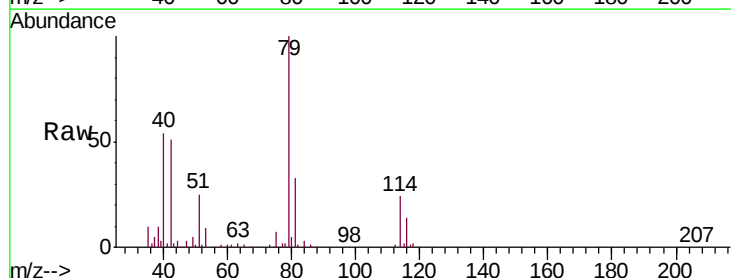
Acq: 23 Mar 2019 17:59

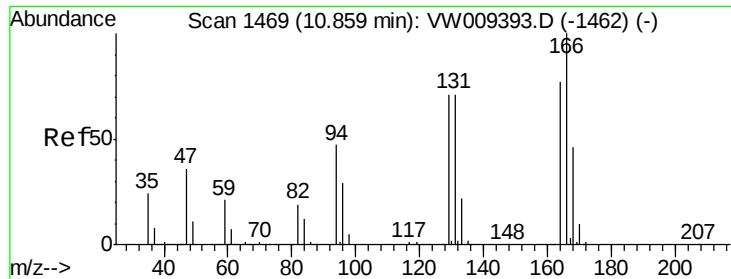
Tgt Ion: 75 Resp: 3521

Ion Ratio Lower Upper

75 100

77 37.9 22.5 41.7





#47

Tetrachloroethene

Concen: 0.252 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009395.D

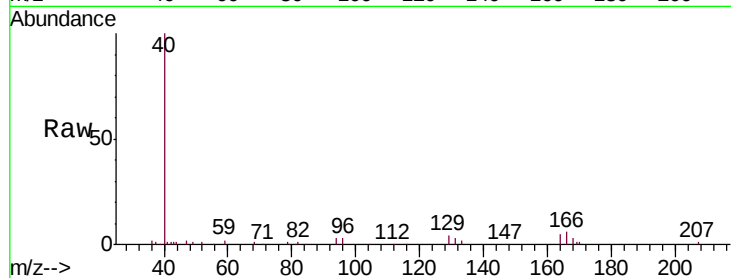
Acq: 23 Mar 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

BF0H2



Tgt Ion:164 Resp: 1142

Ion Ratio Lower Upper

164 100

129 81.2 66.5 123.5

131 67.8 62.6 116.3

166 122.2 91.6 170.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

