

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010822.D
 Acq On : 17 Jun 2019 12:39
 Operator : SY/VA
 Sample : K3324-20
 Misc : 3.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 07:13:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 05:48:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	202125	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	10274	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	74395	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.08%
7) Chloroethane-d5	2.88	69	67713	30.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.32%
10) 1,1-Dichloroethene-d2	4.01	63	118715	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.80%
20) 2-Butanone-d5	7.08	46	87237	75.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.06%#
24) Chloroform-d	7.65	84	106859	25.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	8.30	65	98919	29.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.92%
29) Benzene-d6	8.27	84	276486	52.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	209.48%#
33) 1,2-Dichloropropane-d6	9.27	67	117663	69.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	277.84%#
37) Toluene-d8	10.32	98	163990	34.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	138.28%#
38) trans-1,3-Dichloropropene-	10.58	79	22384	29.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.04%
39) 2-Hexanone-d5	10.93	63	47864	118.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	236.52%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92437	64.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	257.68%#
61) 1,2-Dichlorobenzene-d4	13.86	152	13088	33.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.88%#

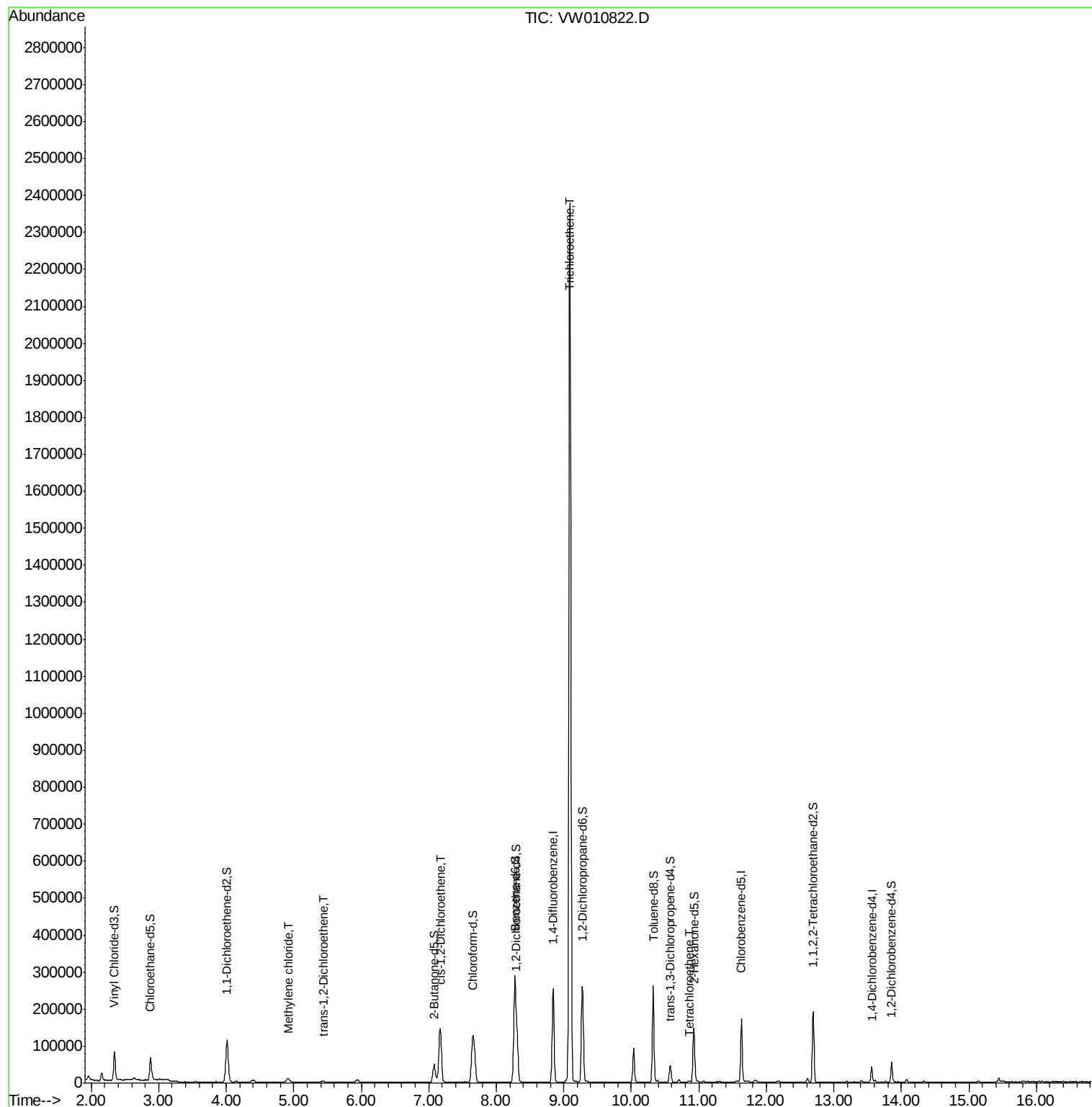
Target Compounds

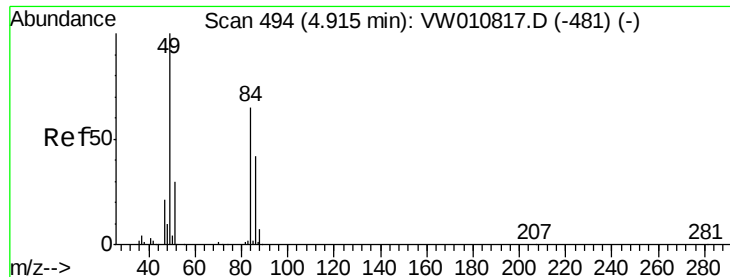
					Ovalue
16) Methylene chloride	4.92	84	8024	2.893 ug/L	89
18) trans-1,2-Dichloroethene	5.44	96	2468m	0.942 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	80907	27.132 ug/L	99
35) Trichloroethene	9.09	95	829661	595.171 ug/L	99
47) Tetrachloroethene	10.87	164	546	0.523 ug/L	90

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

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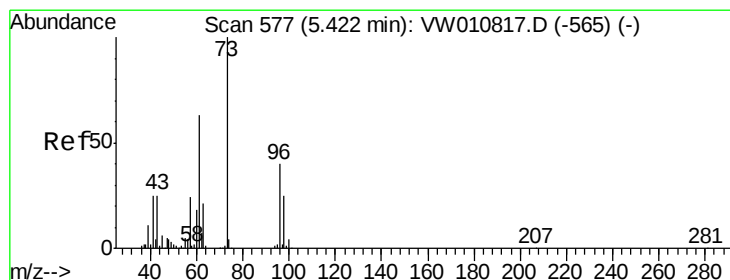
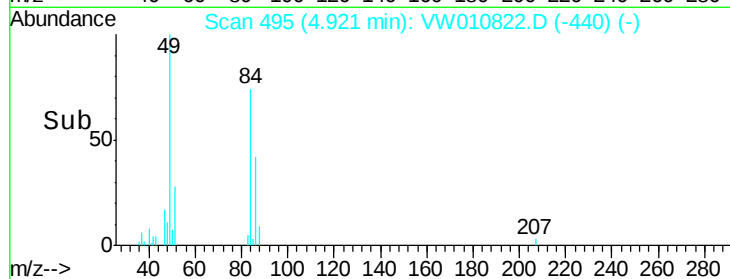
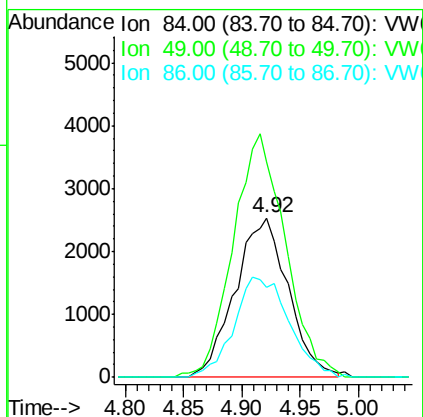
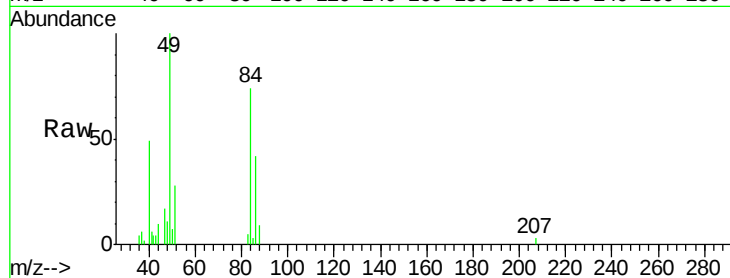
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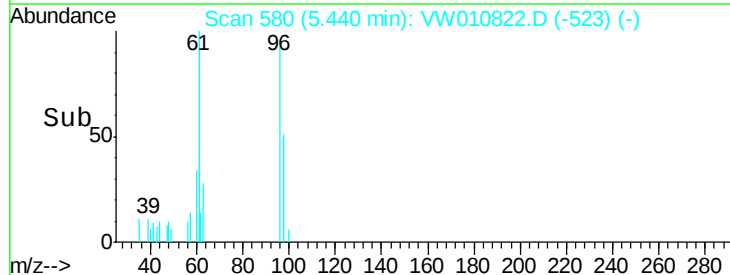
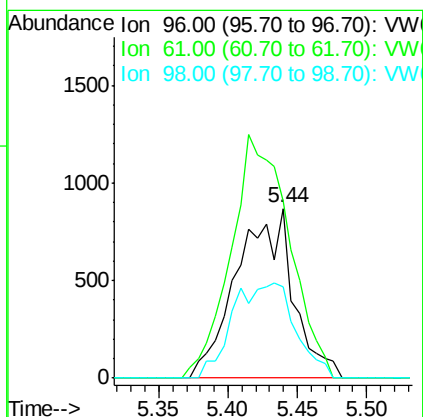
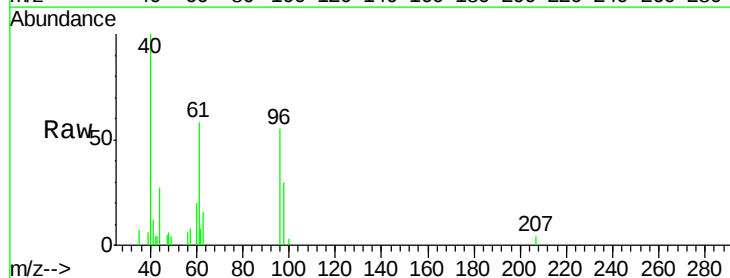
#16
Methvlene chloride
Concen: 2.893 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010822.D
Acq: 17 Jun 2019 12:39

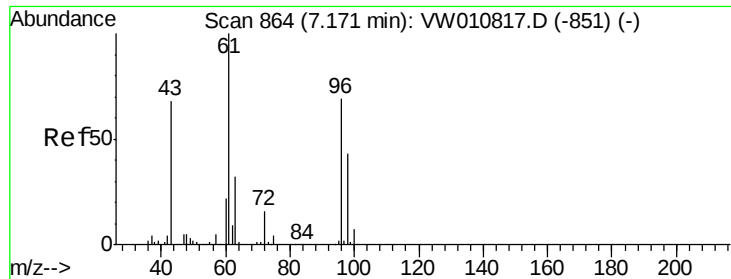
Tot Ion: 84 Resp: 8024
Ion Ratio Lower Upper
84 100
49 135.1 105.2 195.4
86 56.2 43.7 81.1



#18
trans-1,2-Dichloroethene
Concen: 0.942 ug/L m
RT: 5.44 min Scan# 580
Delta R.T. 0.02 min
Lab File: VW010822.D
Acq: 17 Jun 2019 12:39

Tgt Ion: 96 Resp: 2468
Ion Ratio Lower Upper
96 100
61 104.5 111.5 207.1#
98 53.7 44.1 81.9

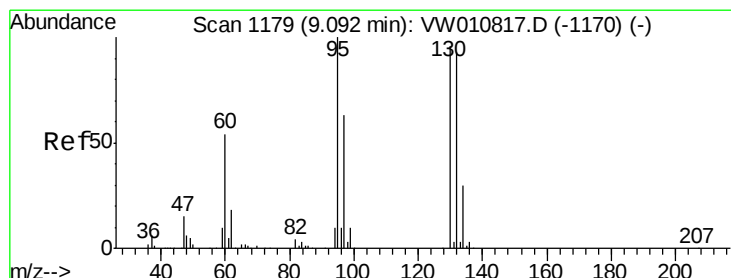
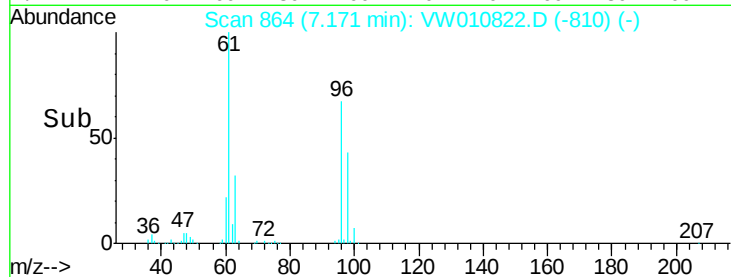
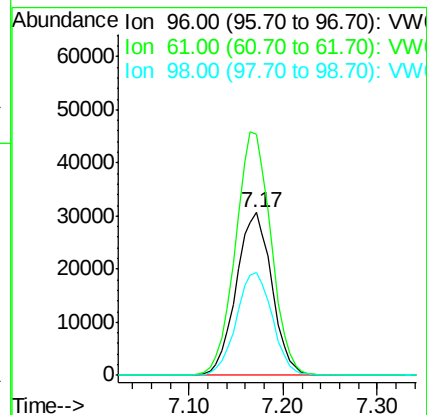
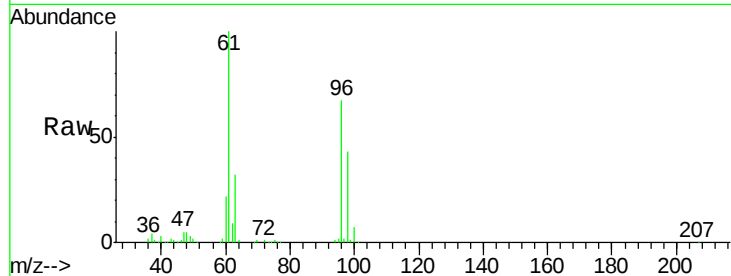




#22

cis-1,2-Dichloroethene
Concen: 27.132 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010822.D
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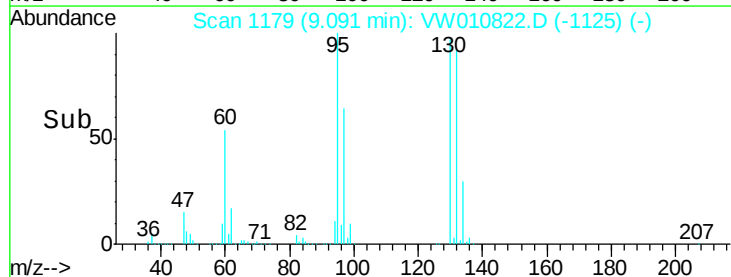
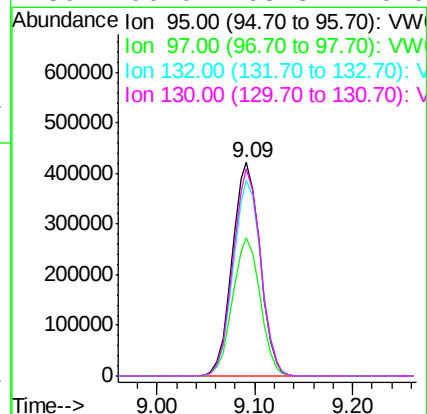
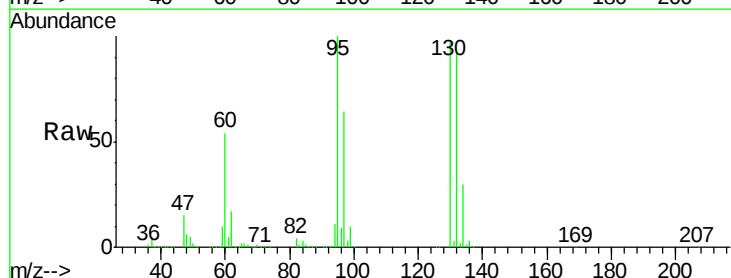
Tot Ion	96	Resp	80907
Ion	Ratio	Lower	Upper
96	100		
61	148.2	105.3	195.6
98	63.4	44.6	82.8

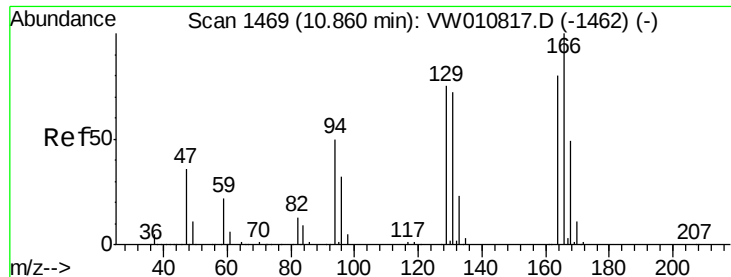


#35

Trichloroethene
Concen: 595.171 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010822.D
Acq: 17 Jun 2019 12:39

Tgt Ion	95	Resp	829661
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.2
132	92.0	65.0	120.6
130	96.0	68.3	126.9





#47

Tetrachloroethene

Concen: 0.523 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW010822.D

Acq: 17 Jun 2019 12:39

Tot Ion:164 Resp: 546

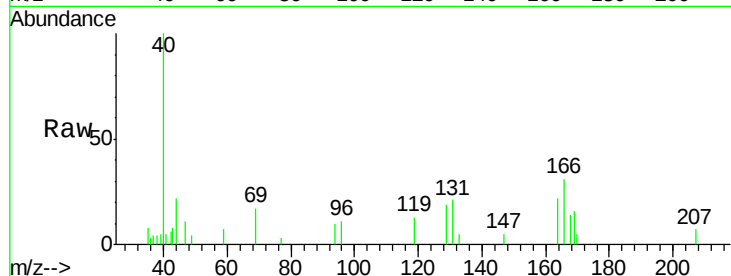
Ion Ratio Lower Upper

164 100

129 89.0 64.5 119.7

131 95.7 63.6 118.0

166 143.1 85.8 159.3



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

