

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009756.D
 Acq On : 06 Apr 2019 04:47
 Operator : SY/VA
 Sample : K2276-18
 Misc : 5.63G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF145

Quant Time: Apr 06 05:40:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	421936	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203893	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154322	27.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.80%
7) Chloroethane-d5	2.89	69	130751	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
10) 1,1-Dichloroethene-d2	4.01	63	245100	20.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.56%
20) 2-Butanone-d5	7.08	46	109941	61.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.66%
24) Chloroform-d	7.64	84	324414	28.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.72%
26) 1,2-Dichloroethane-d4	8.31	65	208994	29.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.28%
29) Benzene-d6	8.27	84	614327	27.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.40%
33) 1,2-Dichloropropane-d6	9.27	67	191410	27.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.32%
37) Toluene-d8	10.32	98	564693	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.76%
38) trans-1,3-Dichloropropene-	10.57	79	85976	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.96%
39) 2-Hexanone-d5	10.92	63	82199	62.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	180889	27.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	211827	29.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.44%

Target Compounds

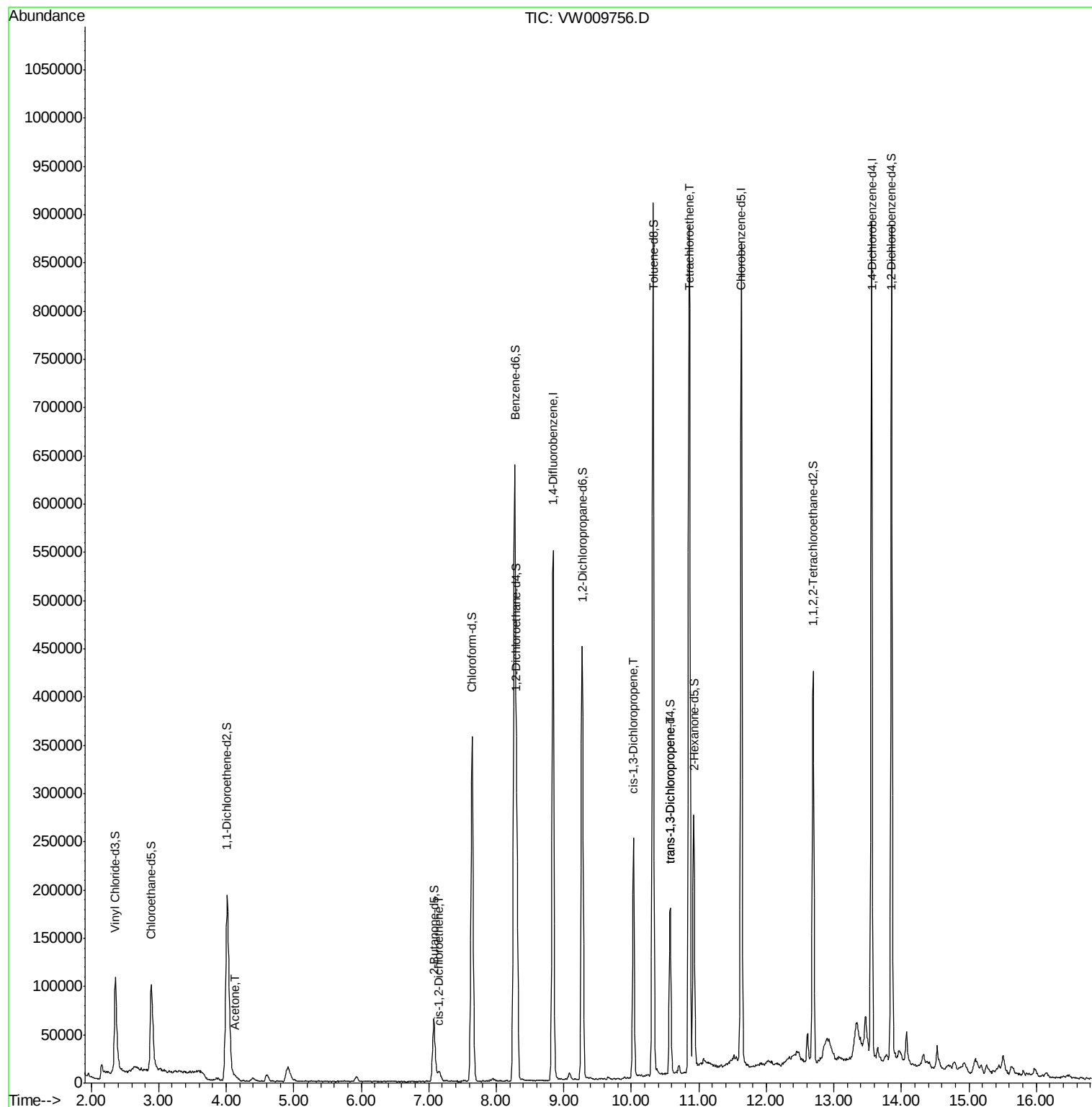
					Qvalue
13) Acetone	4.13	43	4944	2.574 ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	3142	0.504 ug/L	77
42) cis-1,3-Dichloropropene	10.04	75	6725	0.653 ug/L	86
45) trans-1,3-Dichloropropene	10.57	75	4856	0.547 ug/L #	58
47) Tetrachloroethene	10.86	164	187216	34.955 ug/L	96

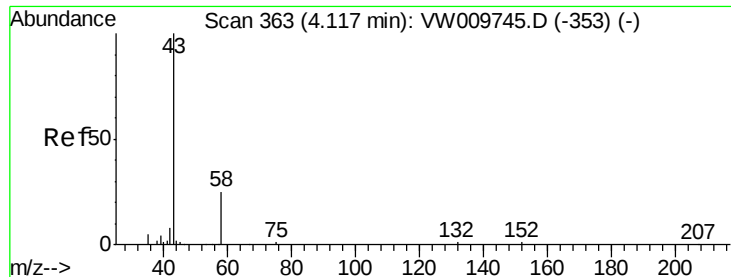
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.574 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009756.D

Acq: 06 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampled :

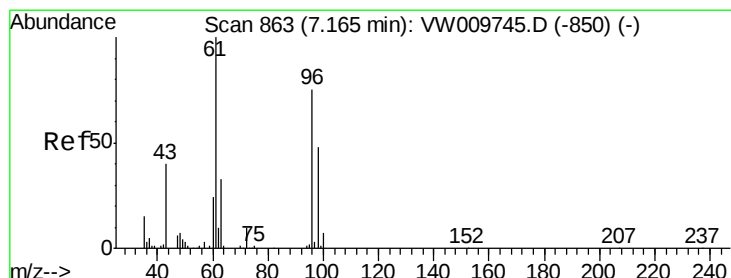
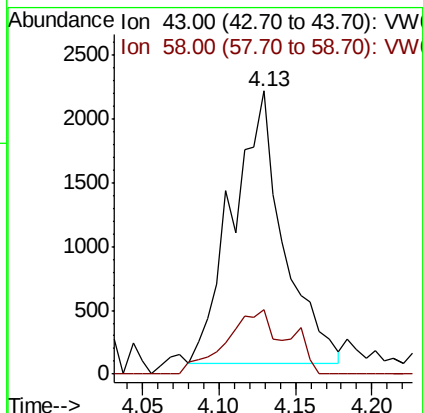
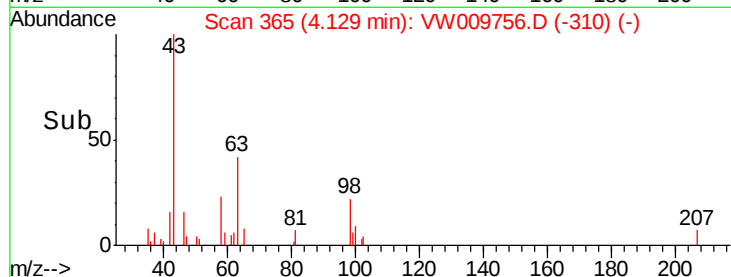
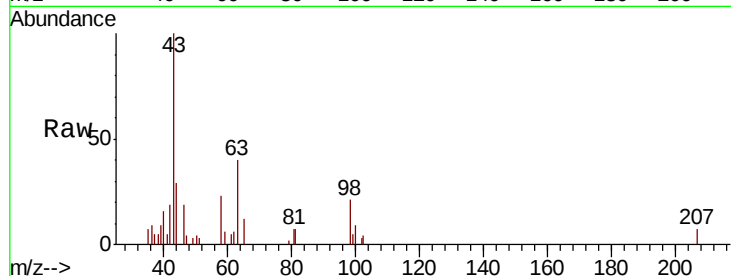
BF145

Tgt Ion: 43 Resp: 4944

Ion Ratio Lower Upper

43 100

58 22.5 0.0 53.0



#22

cis-1,2-Dichloroethene

Concen: 0.504 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

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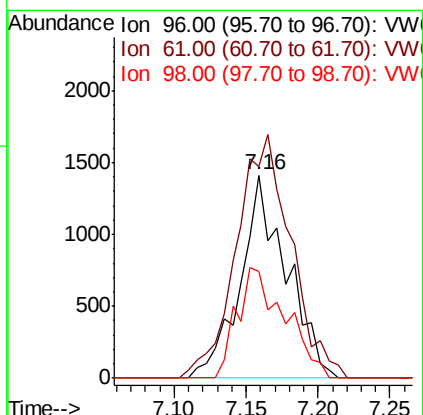
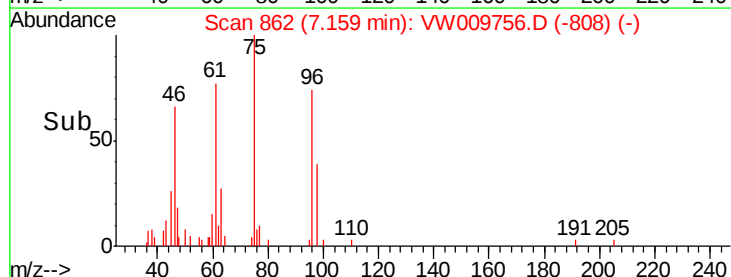
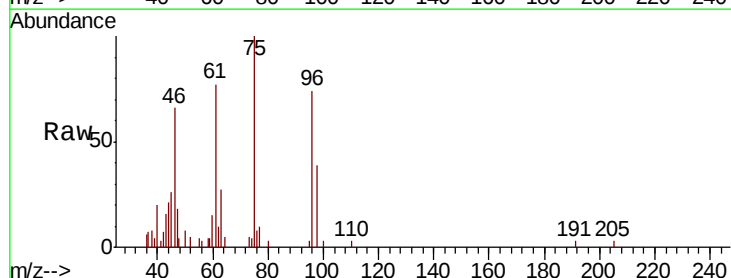
Tgt Ion: 96 Resp: 3142

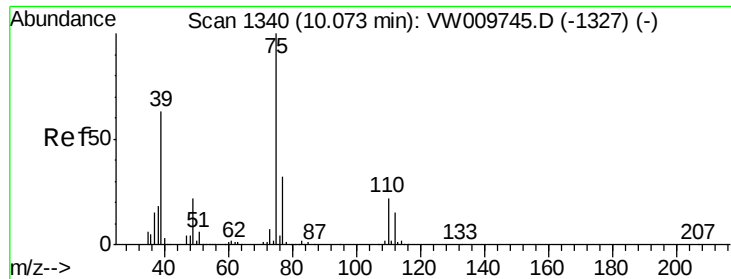
Ion Ratio Lower Upper

96 100

61 104.5 96.8 179.8

98 52.4 43.5 80.9





#42

cis-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009756.D

Acq: 06 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampled :

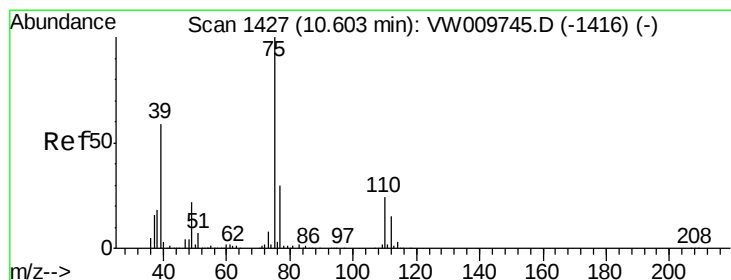
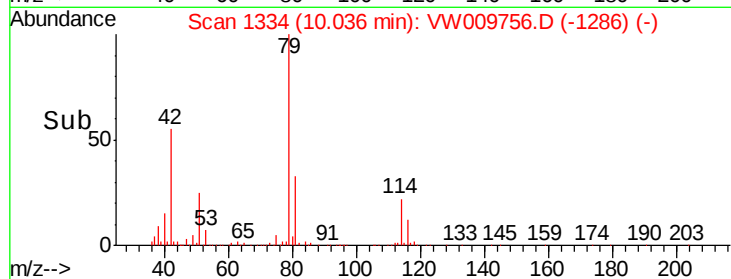
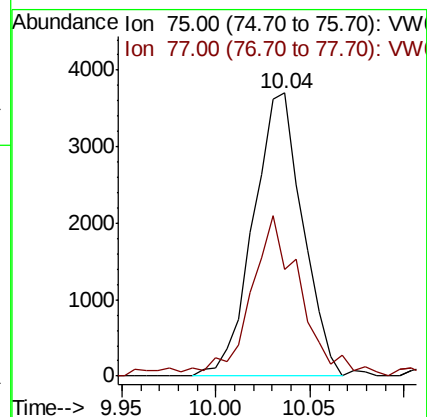
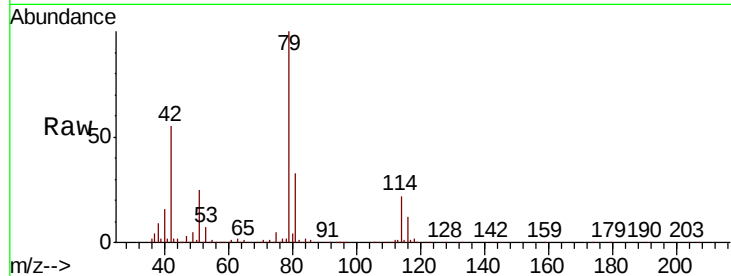
BF145

Tgt Ion: 75 Resp: 6725

Ion Ratio Lower Upper

75 100

77 37.6 21.0 39.0



#45

trans-1,3-Dichloropropene

Concen: 0.547 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009756.D

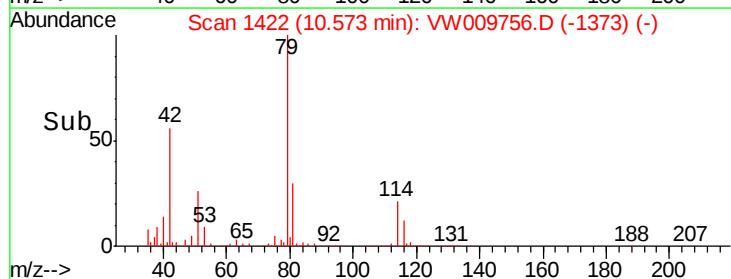
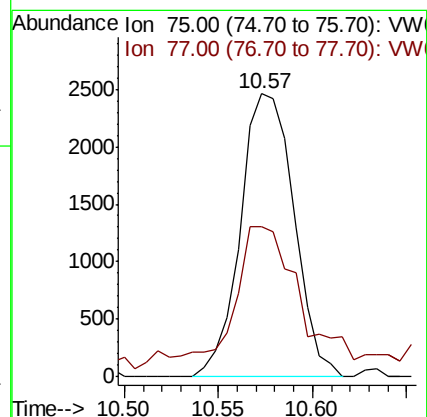
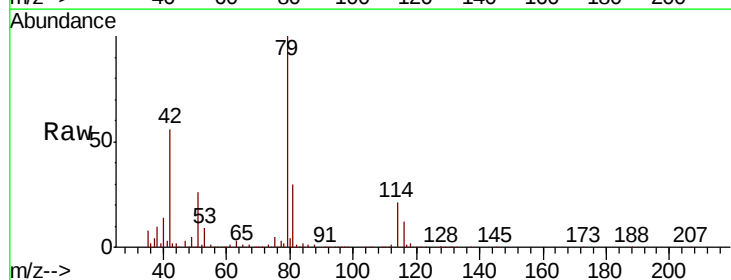
Acq: 06 Apr 2019 04:47

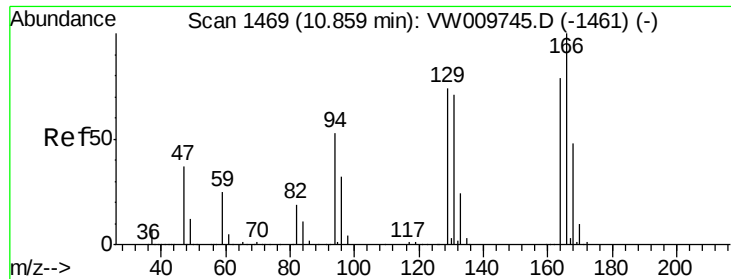
Tgt Ion: 75 Resp: 4856

Ion Ratio Lower Upper

75 100

77 53.1 21.1 39.3#





#47

Tetrachloroethene

Concen: 34.955 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009756.D

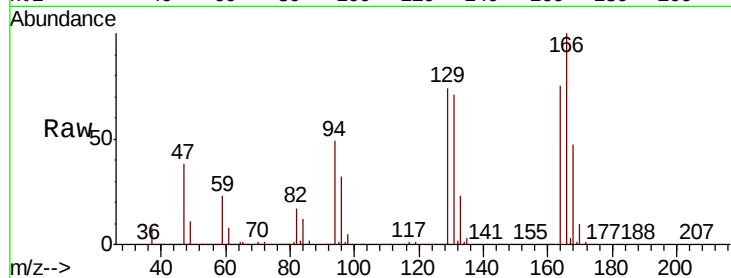
Acq: 06 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

BF145



Tgt Ion:164 Resp: 187216

Ion Ratio Lower Upper

164 100

129 97.9 68.9 127.9

131 94.2 63.1 117.1

166 132.6 88.5 164.4

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

