

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009956.D
 Acq On : 12 Apr 2019 14:05
 Operator : SY/VA
 Sample : K2354-04
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 13 00:00:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	404435	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360812	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109548	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88098	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
7) Chloroethane-d5	2.90	69	82227	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
10) 1,1-Dichloroethene-d2	4.01	63	168489	14.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.20%
20) 2-Butanone-d5	7.08	46	108071	62.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.78%
24) Chloroform-d	7.64	84	268692	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.30	65	174611	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.08%
29) Benzene-d6	8.27	84	452180	23.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.48%
33) 1,2-Dichloropropane-d6	9.27	67	154738	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.80%
37) Toluene-d8	10.32	98	361458	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.56%
38) trans-1,3-Dichloropropene-	10.58	79	61998	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	70209	63.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153253	28.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	94880	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

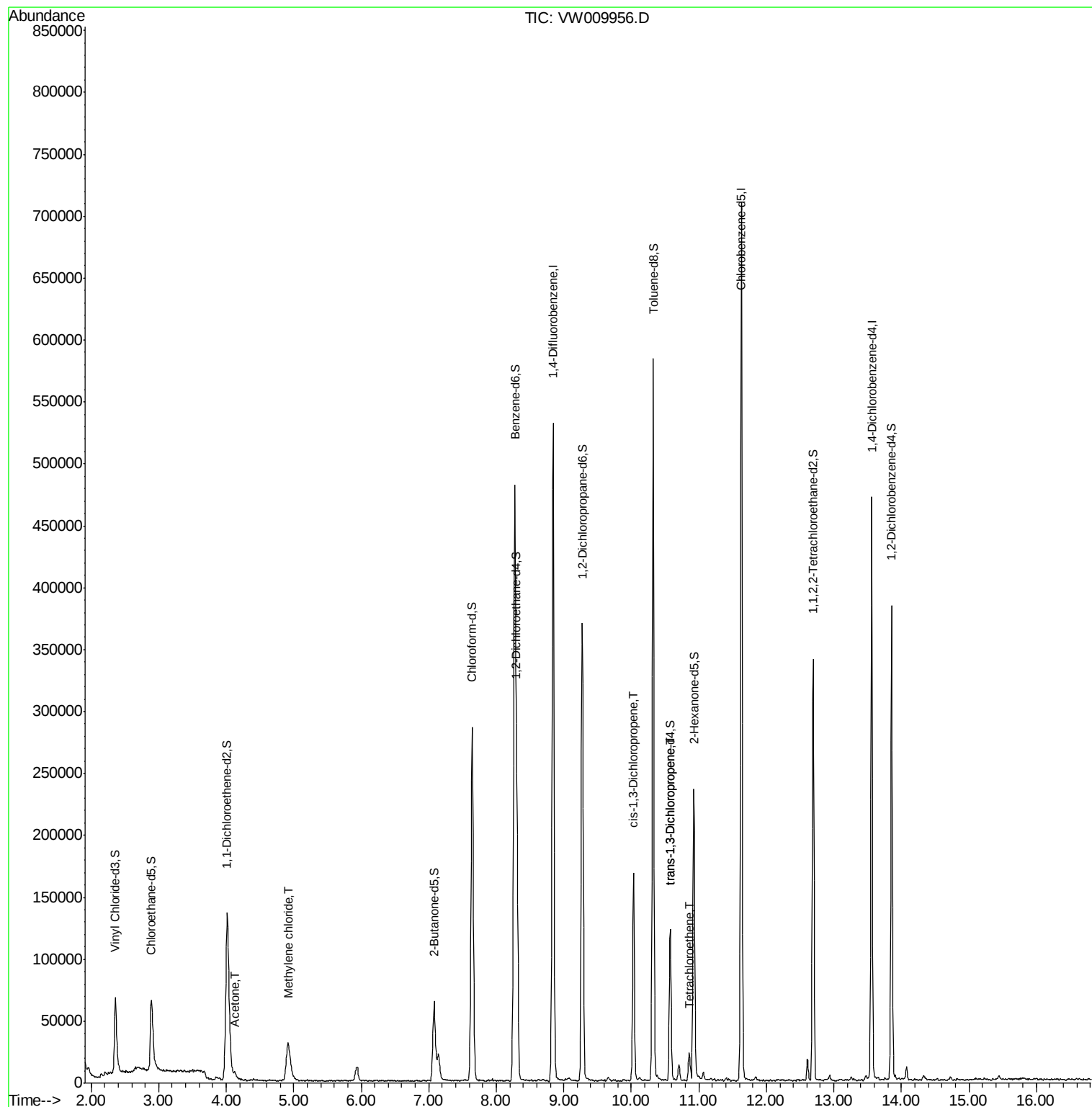
					Ovalue
13) Acetone	4.13	43	6671	3.623 ug/L	88
16) Methylene chloride	4.92	84	27502	3.856 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	4799	0.557 ug/L	87
45) trans-1,3-Dichloropropene	10.57	75	3654	0.492 ug/L	92
47) Tetrachloroethene	10.86	164	4664	1.042 ug/L #	87

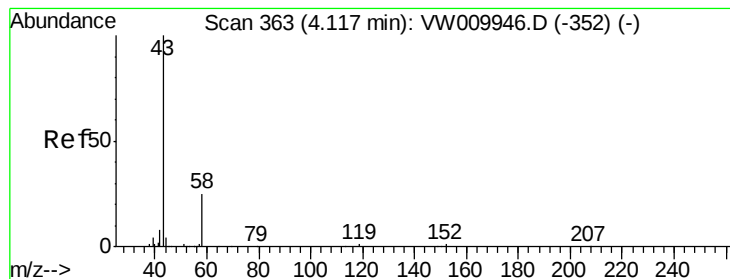
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.623 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009956.D

Acq: 12 Apr 2019 14:05

Instrument :

MSVOA_W

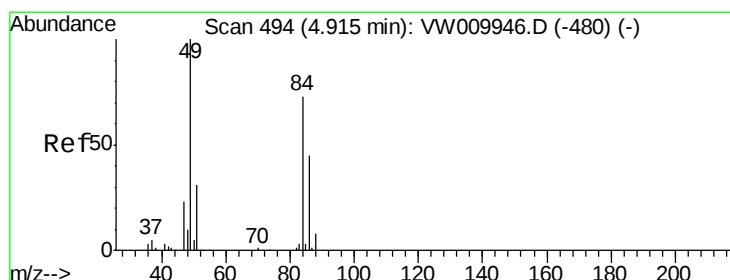
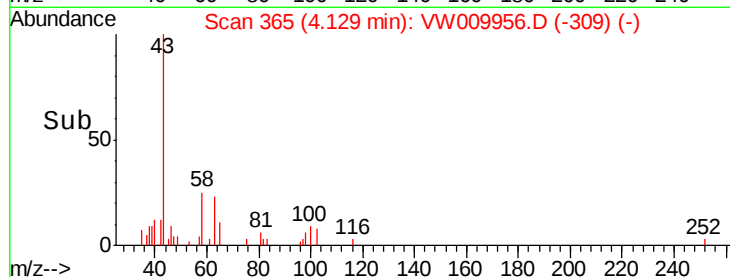
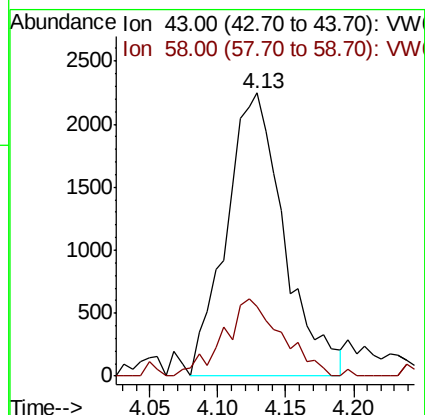
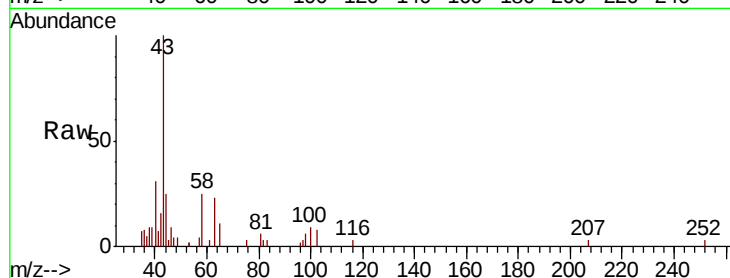
ClientSampled :

Tot Ion: 43 Resp: 6671

Ion Ratio Lower Upper

43 100

58 20.1 0.0 53.0



#16

Methylene chloride

Concen: 3.856 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009956.D

Acq: 12 Apr 2019 14:05

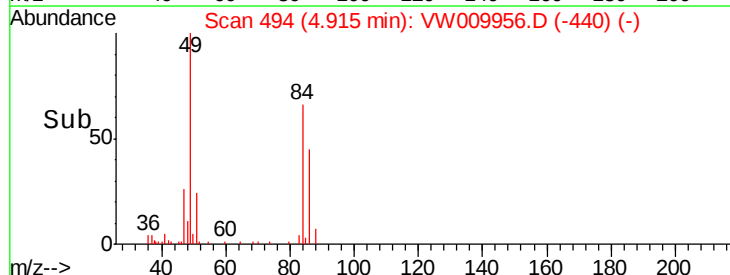
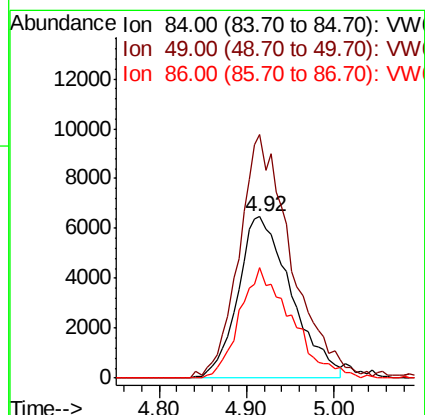
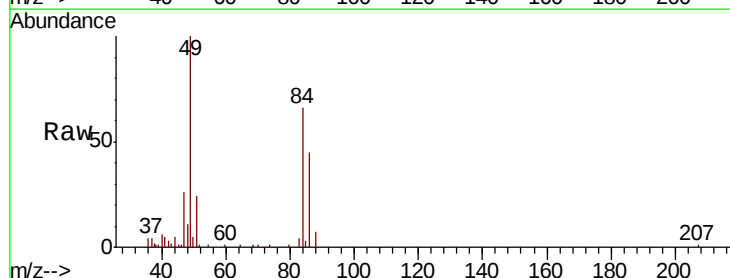
Tgt Ion: 84 Resp: 27502

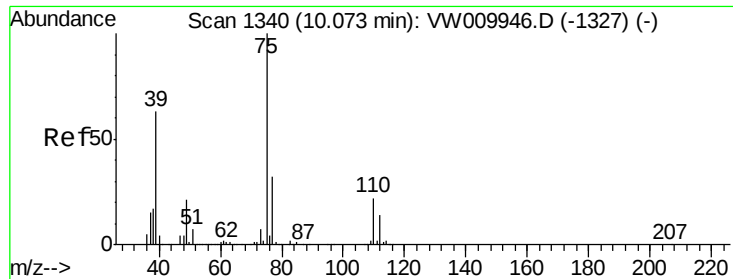
Ion Ratio Lower Upper

84 100

49 151.1 98.3 182.5

86 68.7 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.557 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009956.D

Acq: 12 Apr 2019 14:05

Instrument :

MSVOA_W

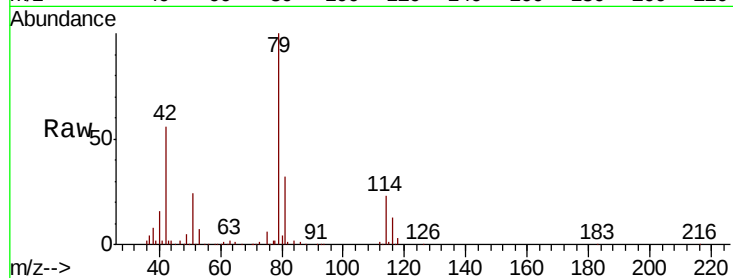
ClientSampleId :

Tot Ion: 75 Resp: 4799

Ion Ratio Lower Upper

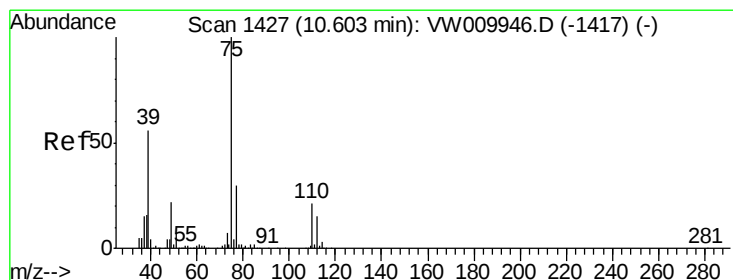
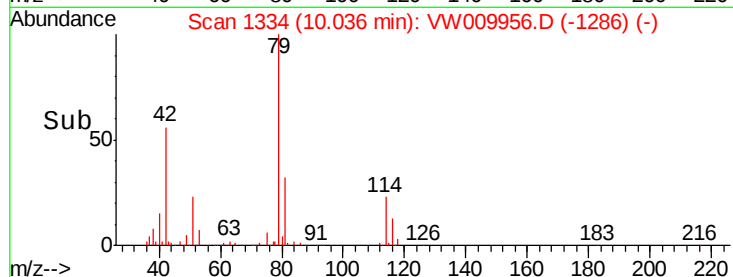
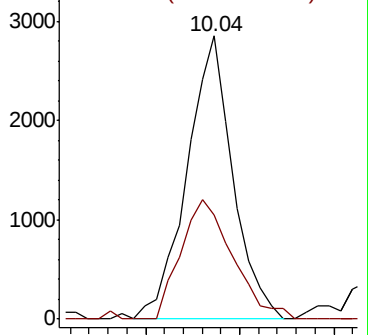
75 100

77 36.9 21.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.492 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009956.D

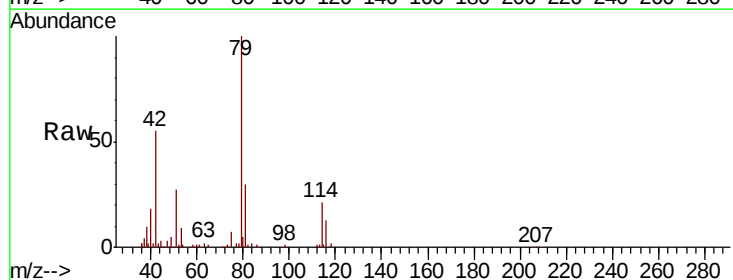
Acq: 12 Apr 2019 14:05

Tgt Ion: 75 Resp: 3654

Ion Ratio Lower Upper

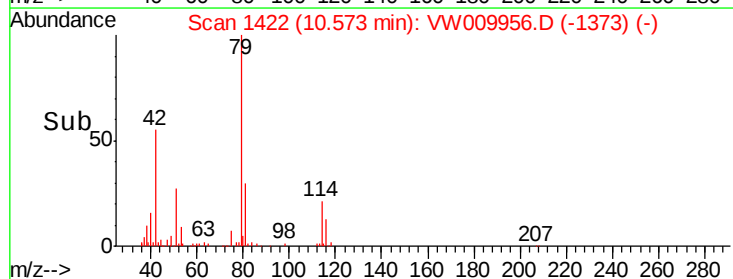
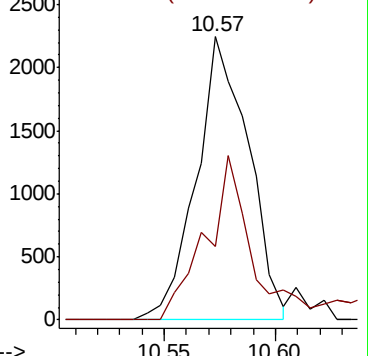
75 100

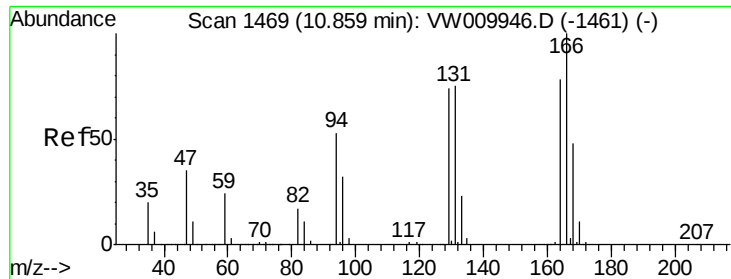
77 25.9 21.1 39.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 1.042 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009956.D

Acq: 12 Apr 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 4664

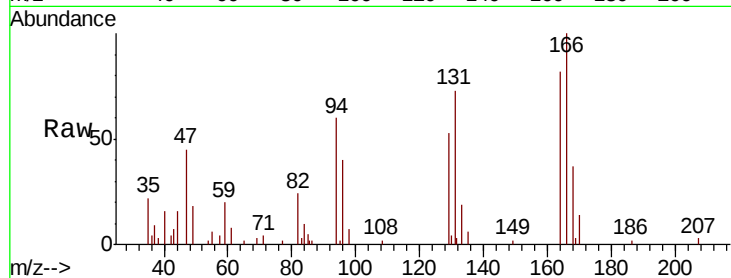
Ion Ratio Lower Upper

164 100

129 64.8 68.9 127.9#

131 92.8 63.1 117.1

166 122.5 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

