

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015990.D
 Acq On : 11 May 2020 15:25
 Operator : SY/MD
 Sample : L2520-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4221

Quant Time: May 12 02:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144765	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143531	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30634	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	32969	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	52151	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.93	46	111334	49.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.38	84	79983	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	47825	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	158410	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.09	67	51584	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	141335	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.65	79	16963	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
48) 2-Hexanone-d5	8.12	63	78617	43.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36666	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55198	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

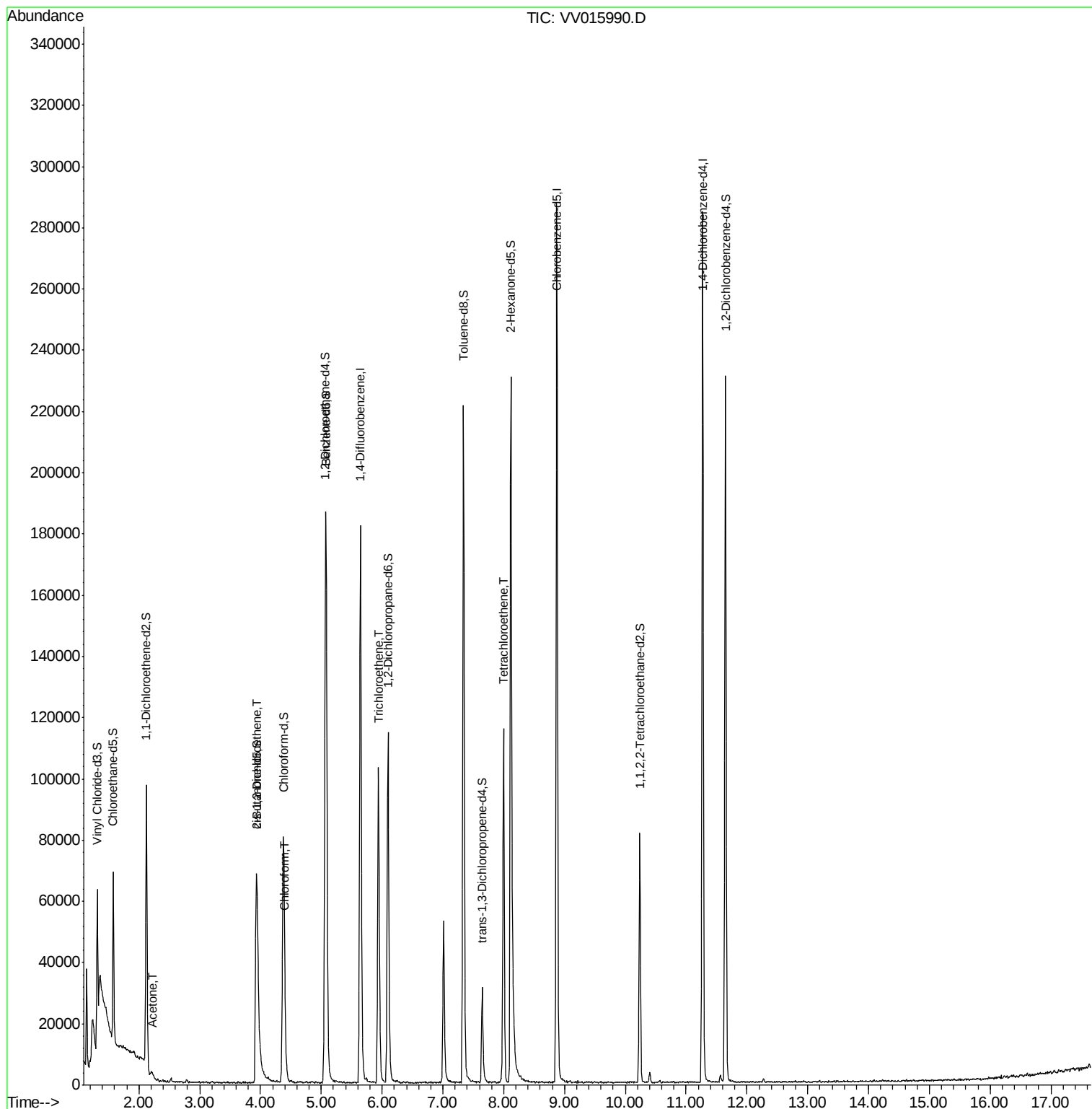
					Ovalue
13) Acetone	2.22	43	3848	2.604 ug/L	# 60
22) cis-1,2-Dichloroethene	3.95	96	10314	1.119 ug/L	95
25) Chloroform	4.41	83	5543	0.297 ug/L	97
34) Trichloroethene	5.94	95	34847	3.381 ug/L	94
49) Tetrachloroethene	8.00	164	23310	3.241 ug/L	98

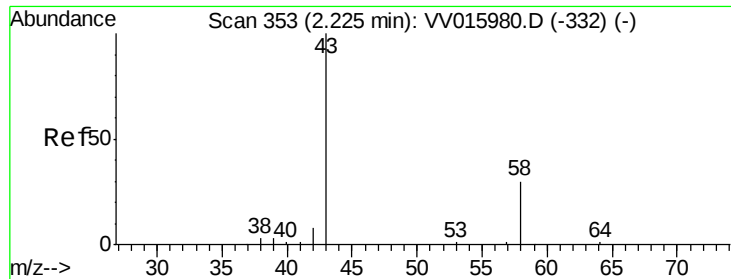
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.604 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV015990.D

Acq: 11 May 2020 15:25

Instrument :

MSVOA_V

ClientSampleId :

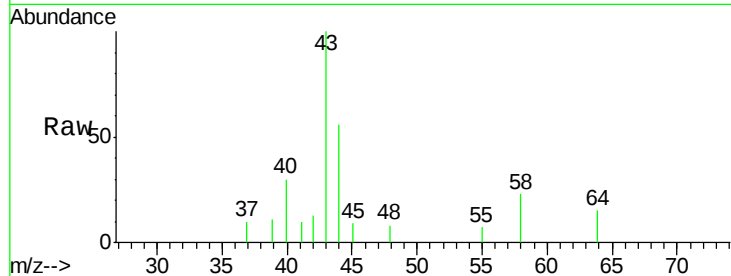
H4221

Tot Ion: 43 Resp: 3848

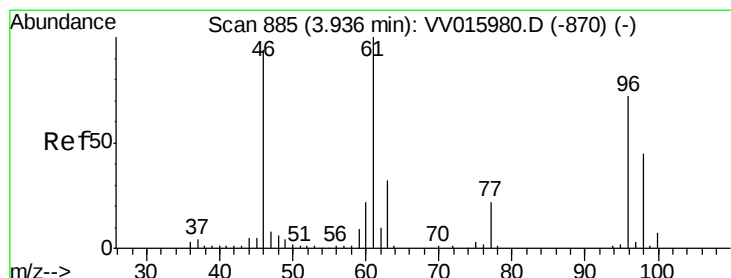
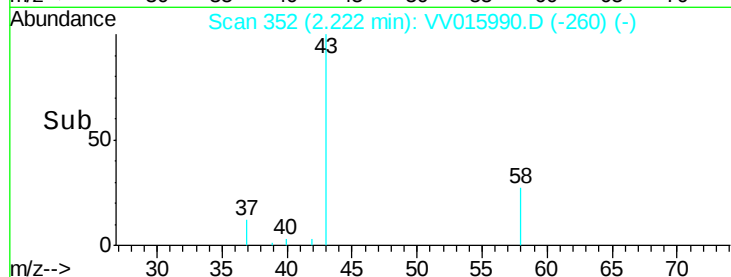
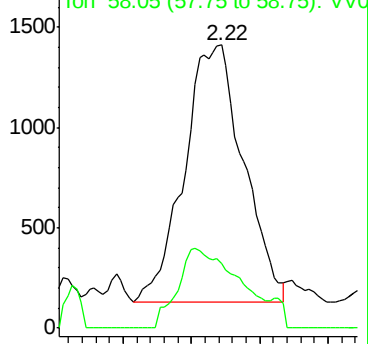
Ion Ratio Lower Upper

43 100

58 32.2 0.0 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV015990.D (-260) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.119 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015990.D

Acq: 11 May 2020 15:25

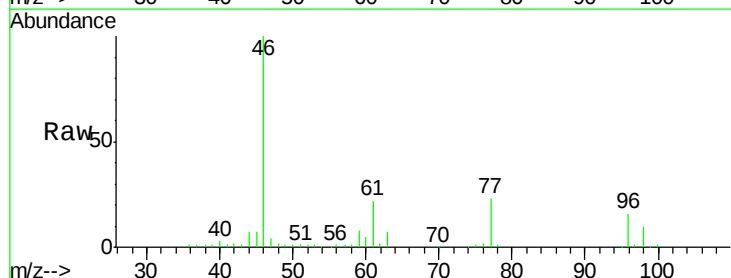
Tgt Ion: 96 Resp: 10314

Ion Ratio Lower Upper

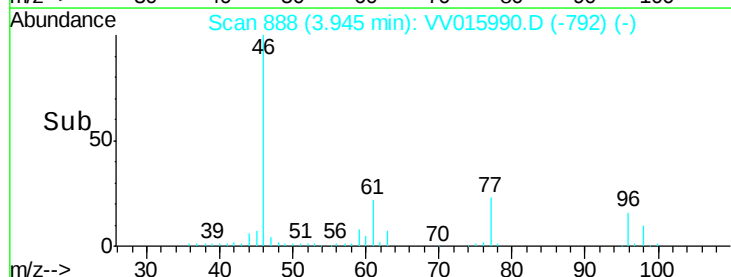
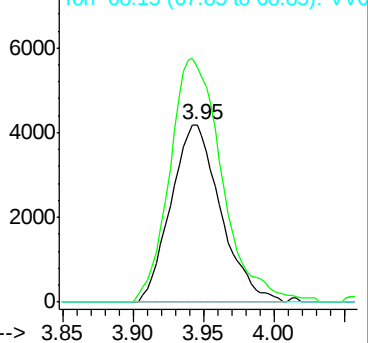
96 100

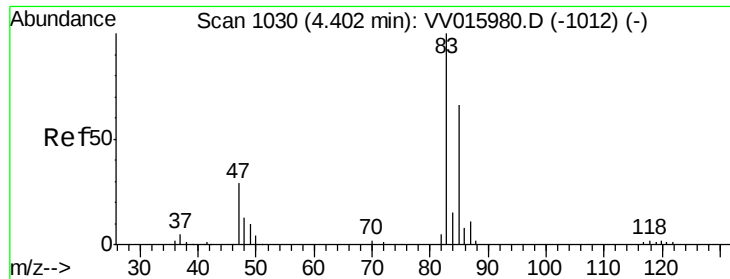
61 132.6 97.2 180.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015990.D (-792) (-)

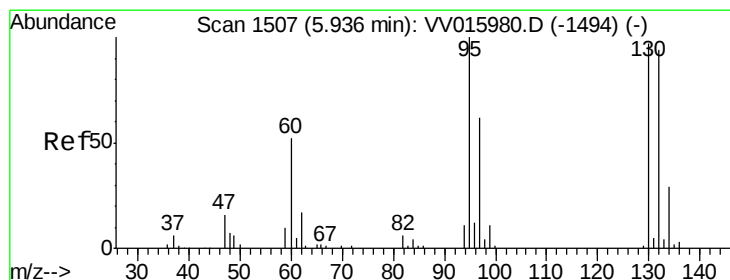
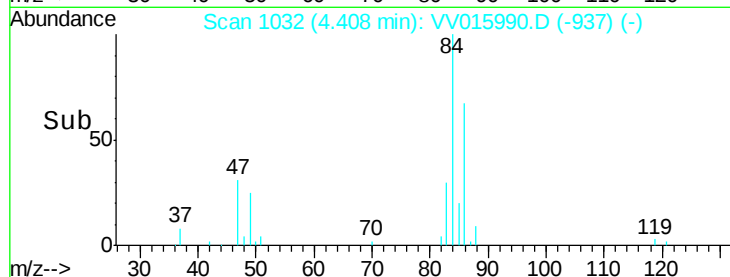
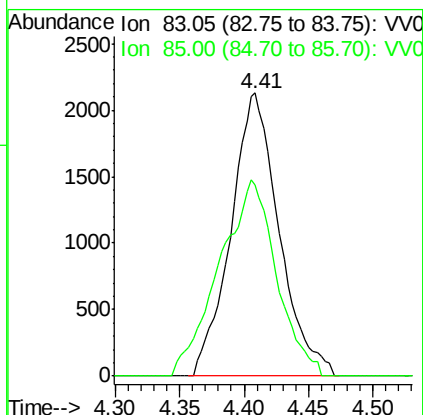
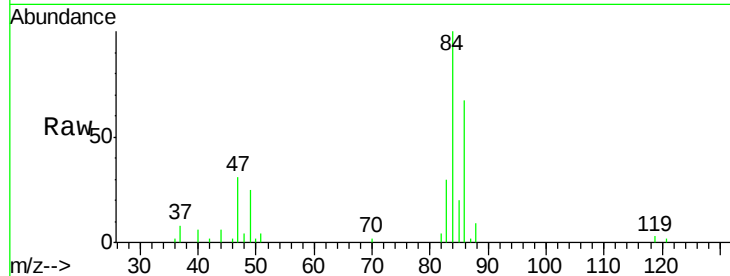




#25
Chloroform
Concen: 0.297 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

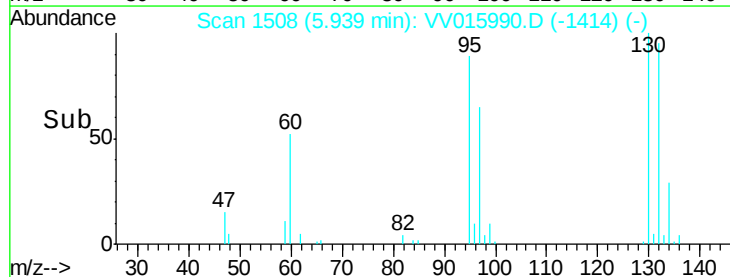
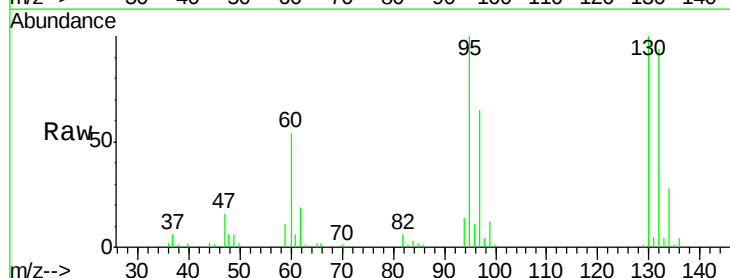
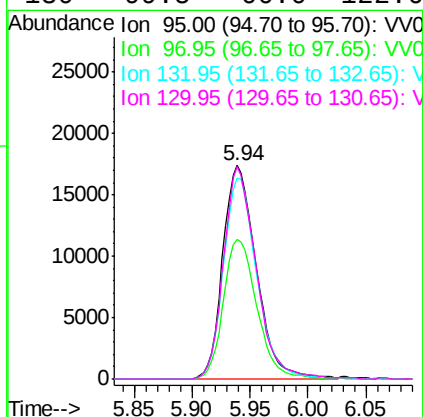
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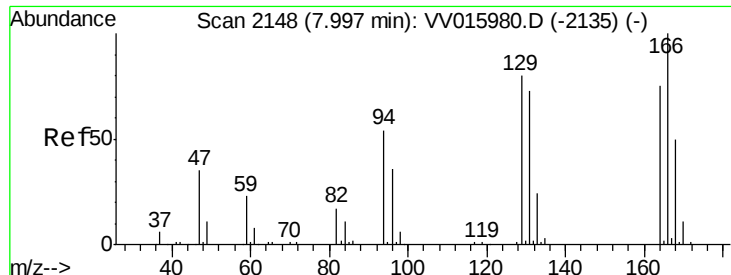
Tot Ion: 83 Resp: 5543
Ion Ratio Lower Upper
83 100
85 67.4 45.7 84.9



#34
Trichloroethene
Concen: 3.381 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015990.D
Acq: 11 May 2020 15:25

Tgt Ion: 95 Resp: 34847
Ion Ratio Lower Upper
95 100
97 65.1 43.3 80.5
132 94.3 60.3 112.1
130 99.5 66.0 122.6





#49

Tetrachloroethene

Concen: 3.241 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015990.D

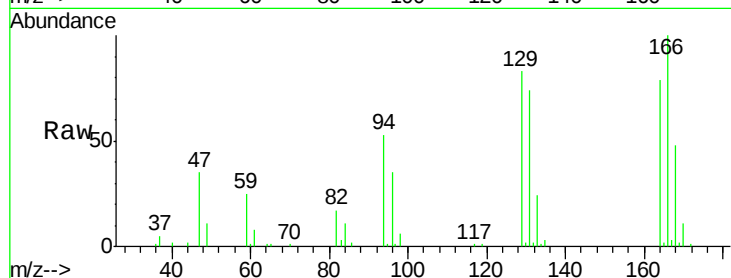
Acq: 11 May 2020 15:25

Instrument :

MSVOA_V

ClientSampleId :

H4221



Tot Ion:164 Resp: 23310

Ion Ratio Lower Upper

164 100

129 105.7 69.7 129.4

131 94.2 66.8 124.2

166 127.0 89.1 165.5

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

