

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013414.D
 Acq On : 29 Oct 2019 23:29
 Operator : SY/MD
 Sample : K5597-15
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE4

Quant Time: Oct 30 04:12:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 02:50:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	346211	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	372421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	194577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145864	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	124475	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	193184	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.96	46	402087	53.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.36%
24) Chloroform-d	4.40	84	301921	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	163512	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	628684	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	197372	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	526351	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.66	79	63640	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	222384	46.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	129621	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	202460	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

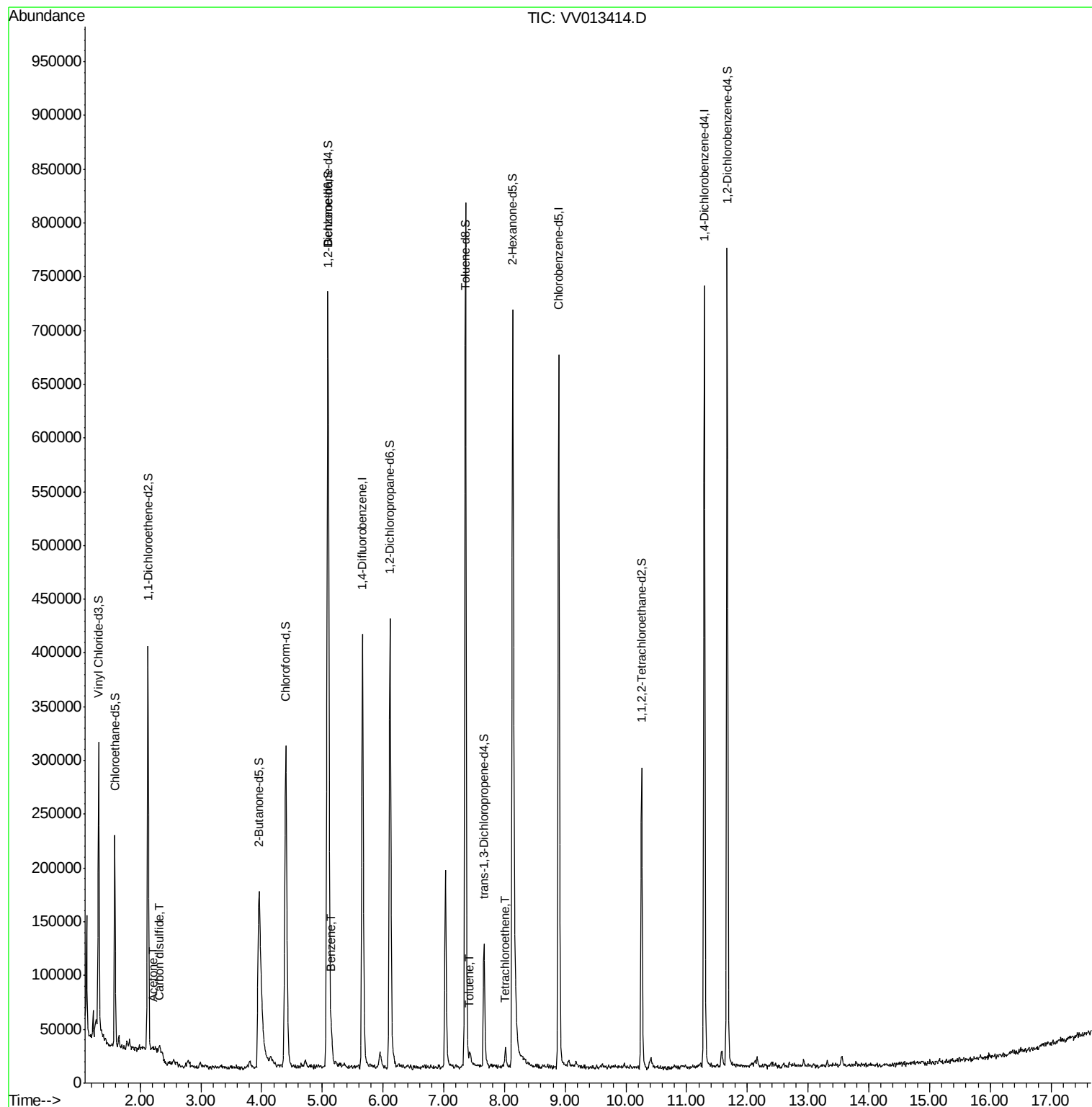
					Ovalue
13) Acetone	2.22	43	6859	1.874 ug/L	69
14) Carbon disulfide	2.32	76	5910	0.074 ug/L #	74
33) Benzene	5.15	78	27989	0.201 ug/L	100
42) Toluene	7.43	91	9353	0.064 ug/L	97
47) Tetrachloroethene	8.02	164	4499	0.139 ug/L	93

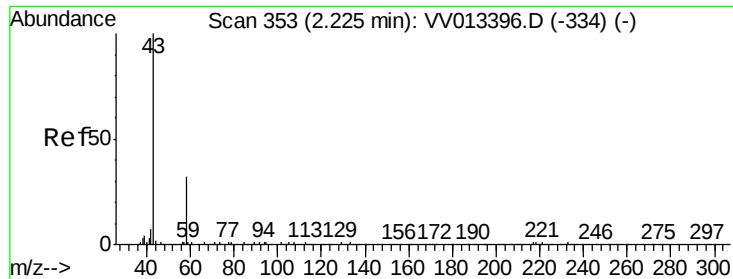
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.874 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV013414.D

Acq: 29 Oct 2019 23:29

Instrument :

MSVOA_V

ClientSampled :

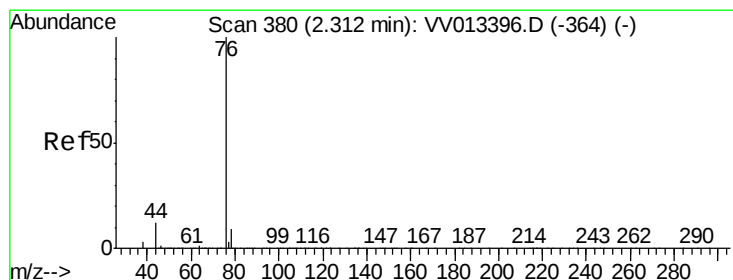
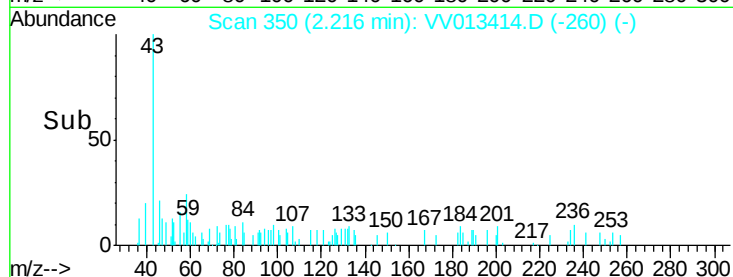
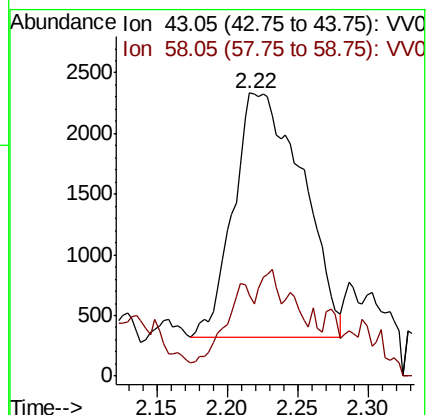
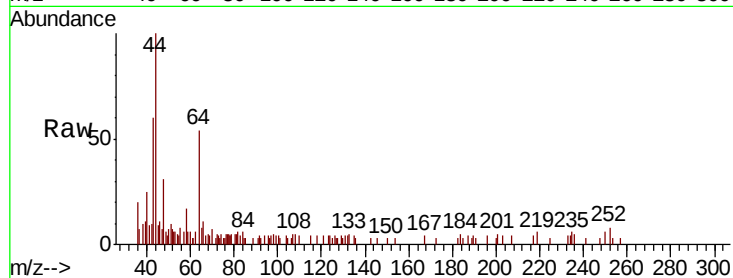
GAQE4

Tot Ion: 43 Resp: 6859

Ion Ratio Lower Upper

43 100

58 12.6 0.0 59.0



#14

Carbon disulfide

Concen: 0.074 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013414.D

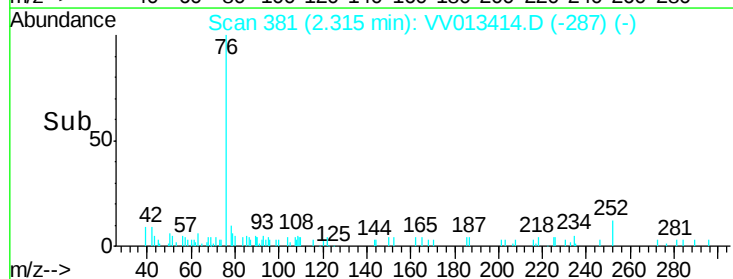
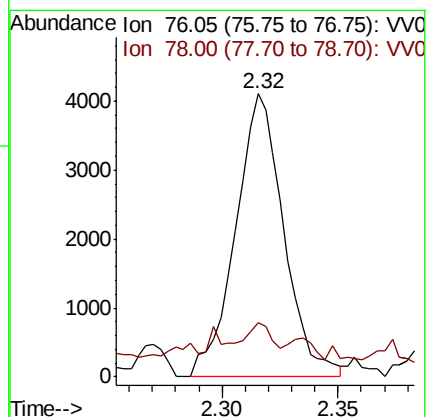
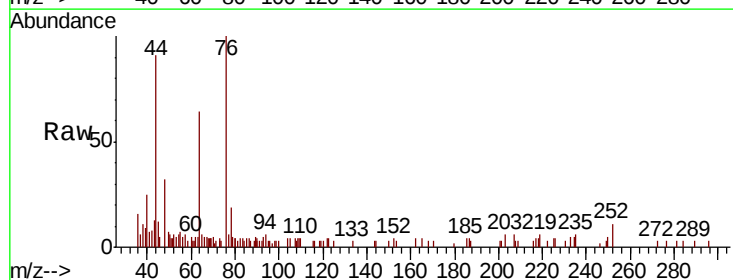
Acq: 29 Oct 2019 23:29

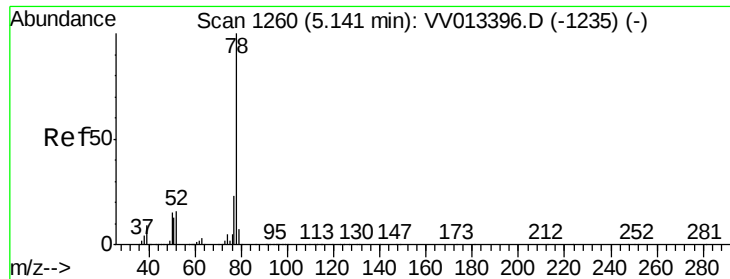
Tgt Ion: 76 Resp: 5910

Ion Ratio Lower Upper

76 100

78 19.1 7.5 11.3#





#33

Benzene

Concen: 0.201 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013414.D

Acq: 29 Oct 2019 23:29

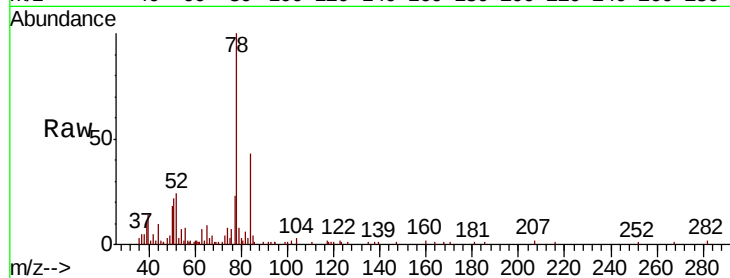
Instrument :

MSVOA_V

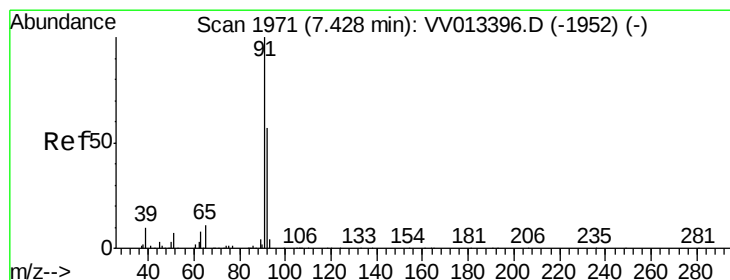
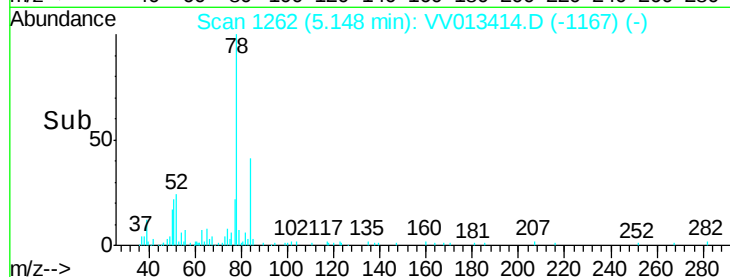
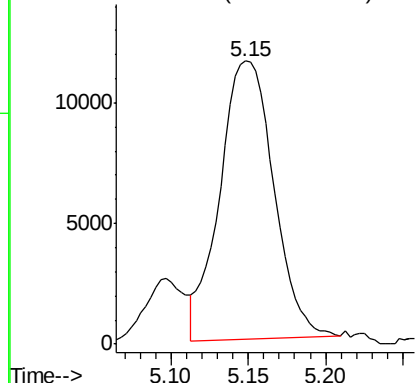
ClientSampleId :

GAQE4

Tgt Ion: 78 Resp: 27989



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.064 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013414.D

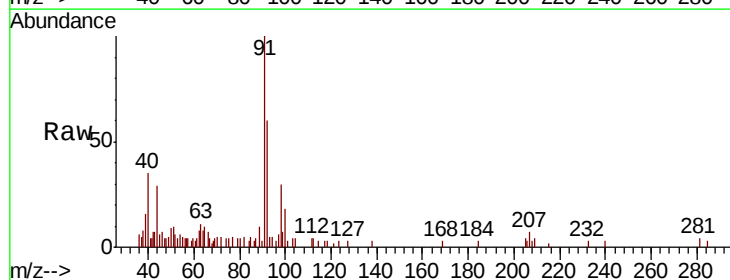
Acq: 29 Oct 2019 23:29

Tgt Ion: 91 Resp: 9353

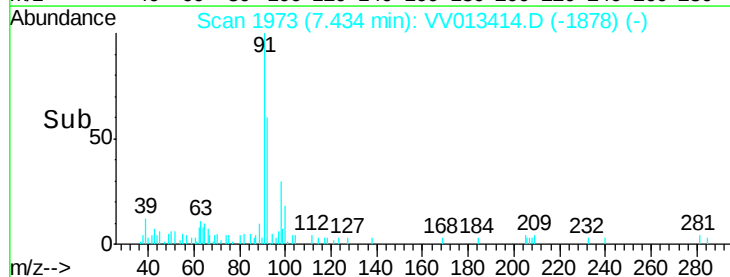
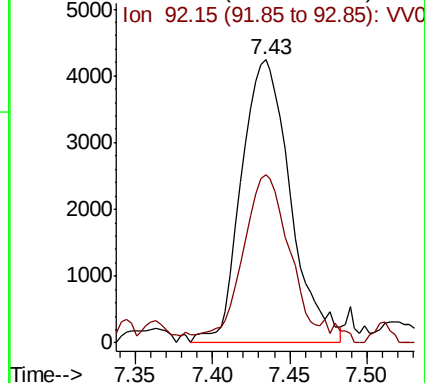
Ion Ratio Lower Upper

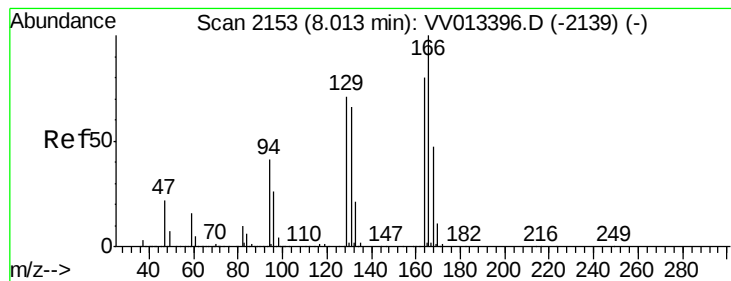
91 100

92 59.6 40.3 74.8



Abundance Ion 91.15 (90.85 to 91.85): VV0





#47

Tetrachloroethene

Concen: 0.139 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013414.D

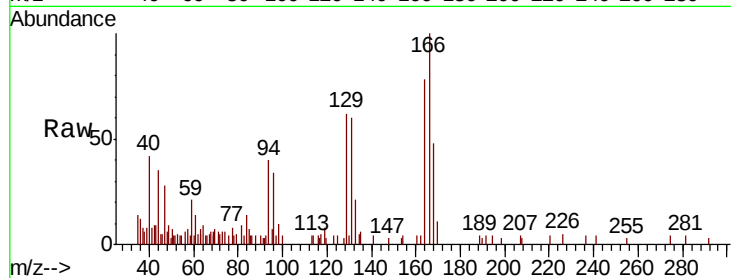
Acq: 29 Oct 2019 23:29

Instrument :

MSVOA_V

ClientSampleId :

GAQE4



Tot Ion:164 Resp: 4499

Ion Ratio Lower Upper

164 100

129 78.9 63.4 117.8

131 76.6 60.3 112.1

166 127.9 90.8 168.6

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

