

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013866.D
 Acq On : 31 Oct 2019 19:04
 Operator : SY/VA
 Sample : K5596-12
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQB3

Quant Time: Nov 01 05:05:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	268630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264196	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138347	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	83384	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.56%
7) Chloroethane-d5	2.89	69	66833	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
10) 1,1-Dichloroethene-d2	4.02	63	127616	15.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.36%
20) 2-Butanone-d5	7.07	46	77481	53.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.82%
24) Chloroform-d	7.65	84	189750	23.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	8.30	65	111183	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
29) Benzene-d6	8.27	84	398662	23.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.16%
33) 1,2-Dichloropropane-d6	9.27	67	127211	24.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.20%
37) Toluene-d8	10.32	98	359641	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.58	79	49850	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.92	63	64739	54.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123769	26.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	128821	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

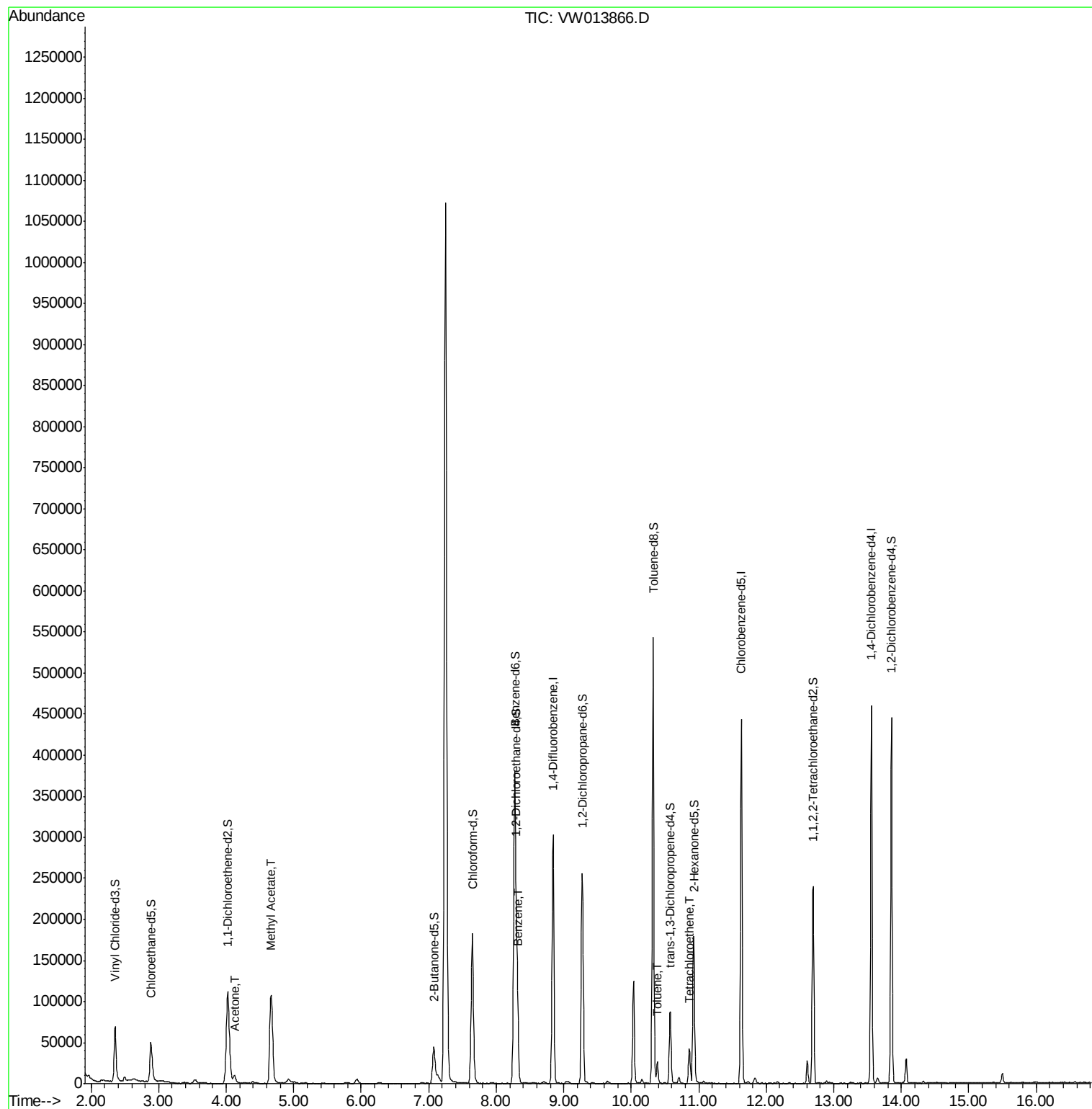
					Qvalue
13) Acetone	4.12	43	14582	10.841 ug/L	76
15) Methyl Acetate	4.67	43	211768	85.503 ug/L	99
34) Benzene	8.32	78	19041	1.039 ug/L	100
44) Toluene	10.39	91	20274	1.025 ug/L	94
47) Tetrachloroethene	10.86	164	10474	2.412 ug/L	98

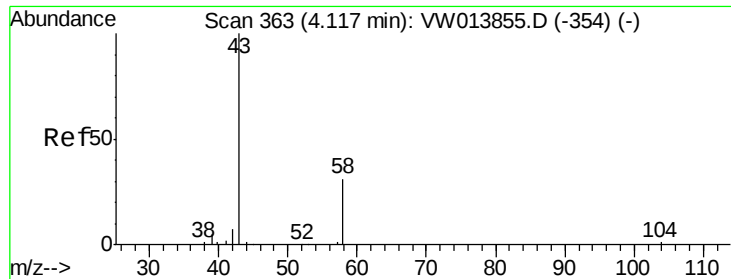
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.841 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013866.D

Acq: 31 Oct 2019 19:04

Instrument :

MSVOA_W

ClientSampled :

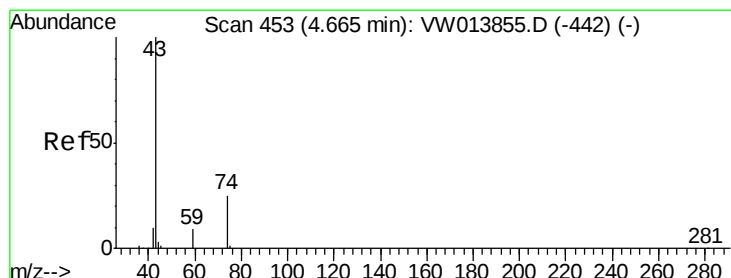
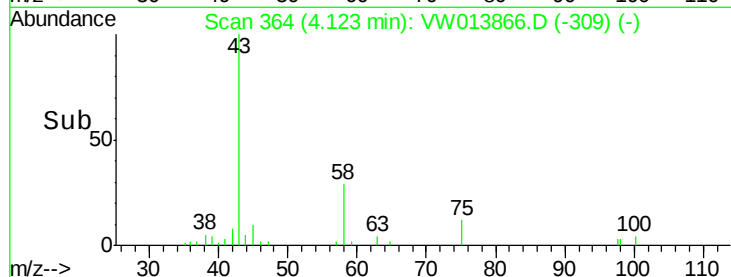
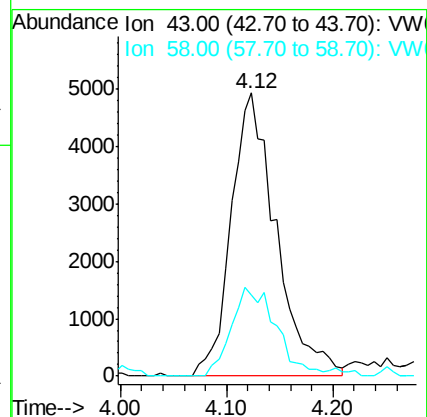
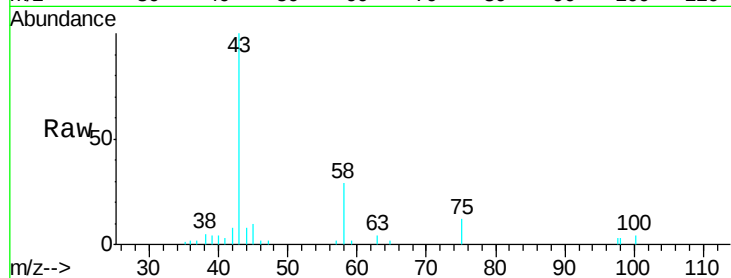
GAQB3

Tgt Ion: 43 Resp: 14582

Ion Ratio Lower Upper

43 100

58 18.6 0.0 63.4



#15

Methyl Acetate

Concen: 85.503 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

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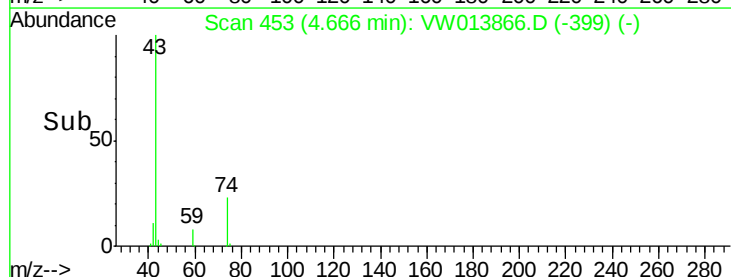
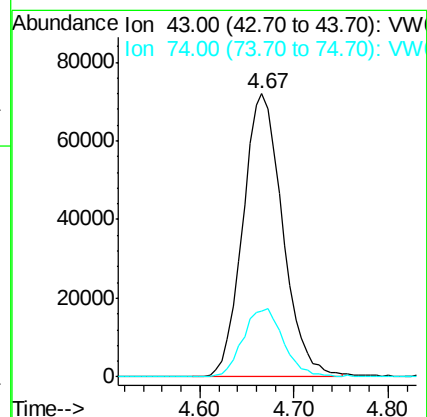
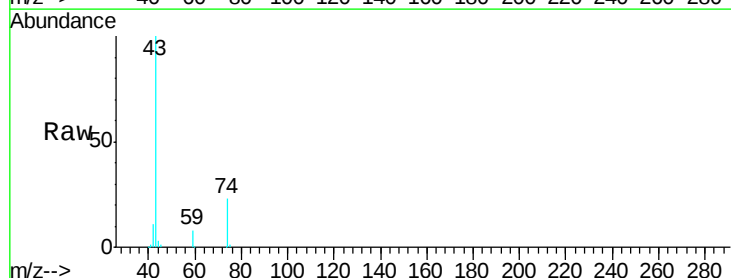
Acq: 31 Oct 2019 19:04

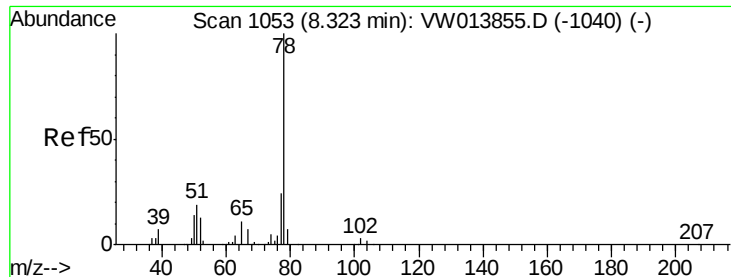
Tgt Ion: 43 Resp: 211768

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8





#34

Benzene

Concen: 1.039 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013866.D

Acq: 31 Oct 2019 19:04

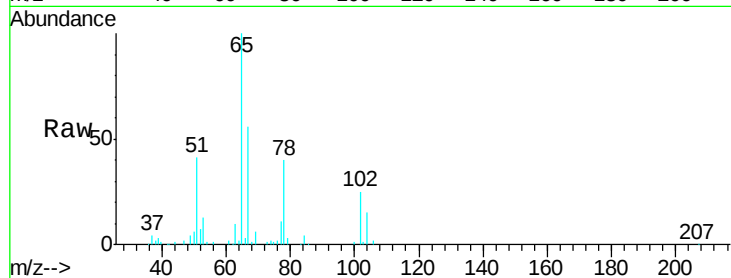
Instrument :

MSVOA_W

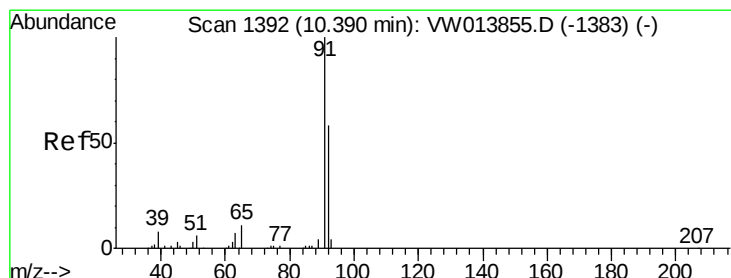
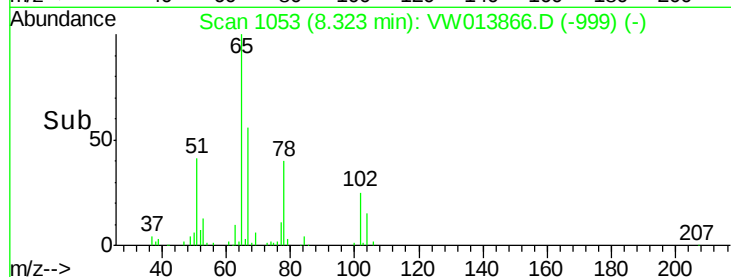
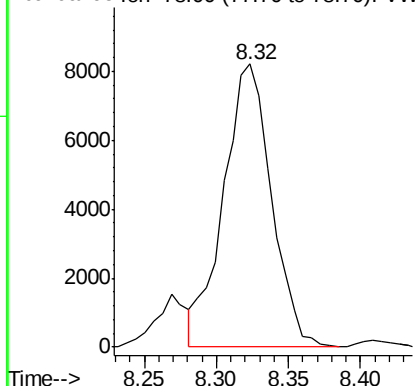
ClientSampleId :

GAQB3

Tgt Ion: 78 Resp: 19041



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 1.025 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013866.D

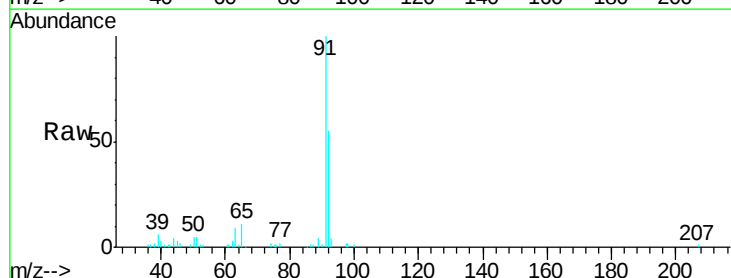
Acq: 31 Oct 2019 19:04

Tgt Ion: 91 Resp: 20274

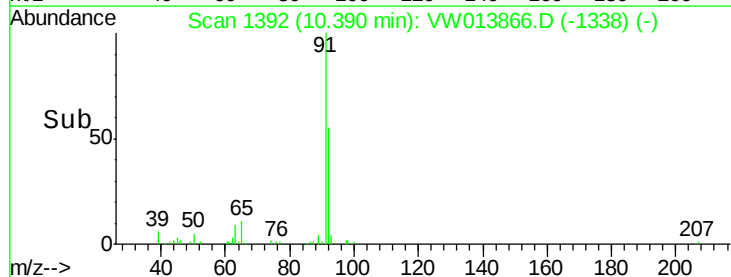
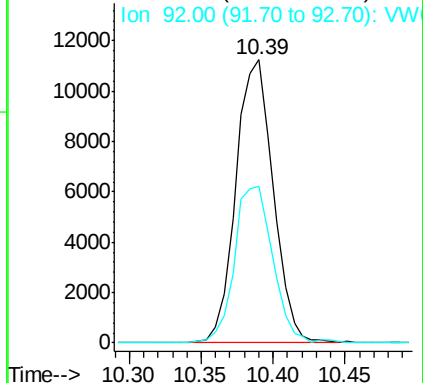
Ion Ratio Lower Upper

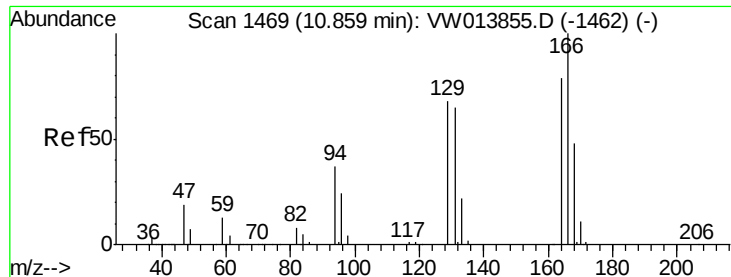
91 100

92 55.2 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW





#47

Tetrachloroethene

Concen: 2.412 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013866.D

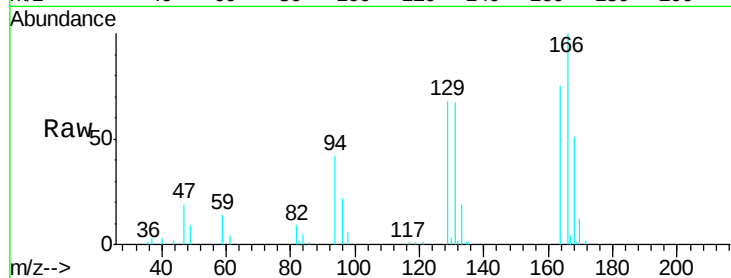
Acq: 31 Oct 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

GAQB3



Tgt Ion:164 Resp: 10474

Ion Ratio Lower Upper

164 100

129 90.4 62.5 116.1

131 88.3 59.8 111.0

166 132.7 91.6 170.0

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

