

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016826.D
 Acq On : 07 Oct 2020 11:20
 Operator : SY/VA
 Sample : L4254-06
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T3

Quant Time: Oct 08 08:48:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	620374	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	548271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	245692	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145204	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
7) Chloroethane-d5	2.89	69	118459	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	4.02	63	209481	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.08	46	49587	35.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.54%
24) Chloroform-d	7.65	84	287816	21.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	8.31	65	140807	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.08%
29) Benzene-d6	8.28	84	597141	23.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.92%
33) 1,2-Dichloropropane-d6	9.28	67	158204	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.56%
37) Toluene-d8	10.33	98	558737	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
38) trans-1,3-Dichloropropene-	10.58	79	61792	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	40982	39.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109096	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	179046	22.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.92%

Target Compounds

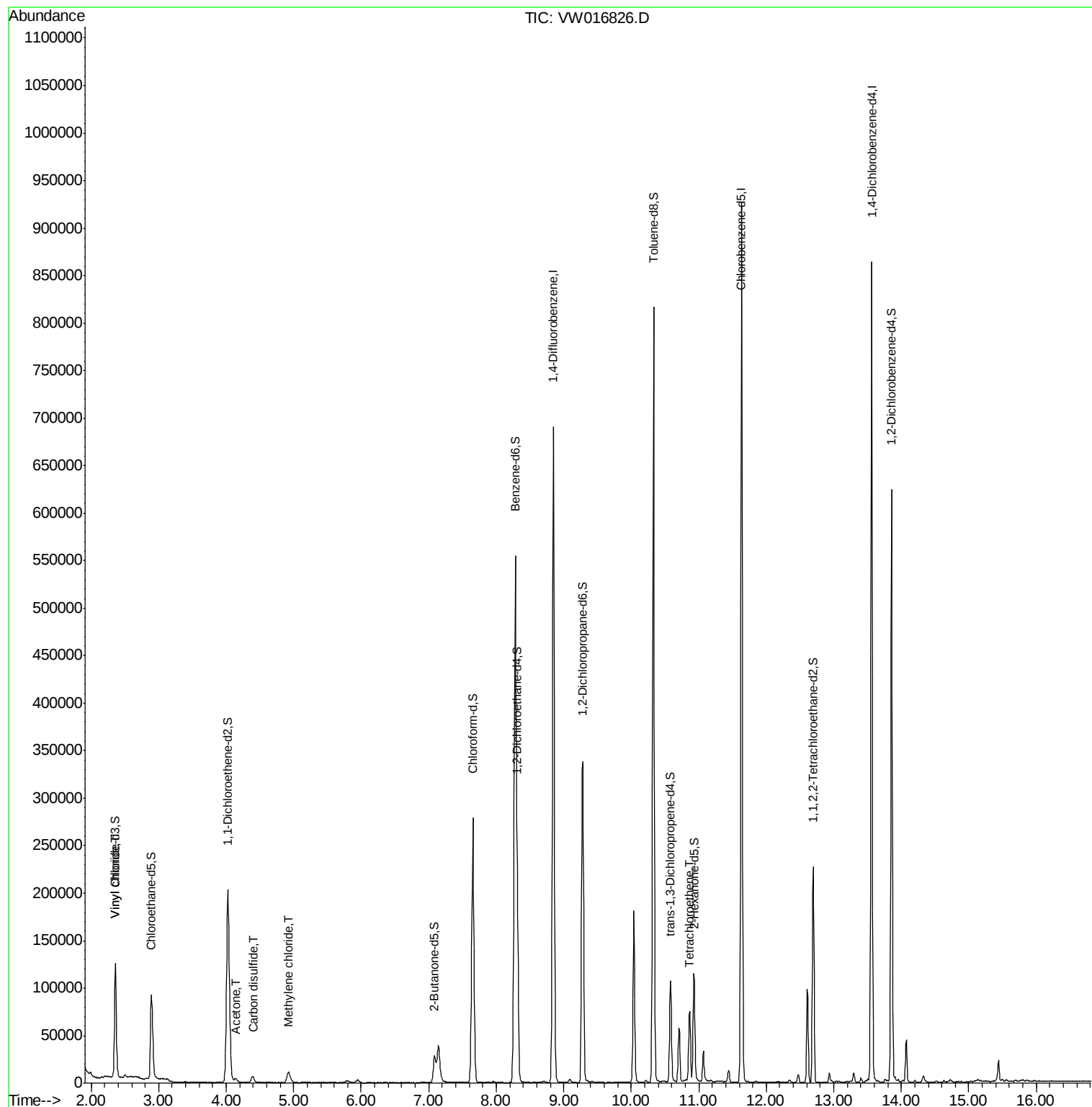
					Ovalue
5) Vinyl chloride	2.36	62	2924	0.345 ug/L #	1
13) Acetone	4.14	43	7333	6.990 ug/L	65
14) Carbon disulfide	4.40	76	14909	0.648 ug/L #	93
16) Methylene chloride	4.93	84	10129	1.183 ug/L	97
47) Tetrachloroethene	10.86	164	18658	2.416 ug/L	89

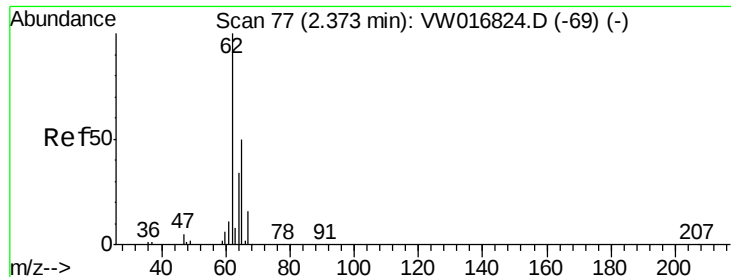
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.345 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016826.D

Acq: 07 Oct 2020 11:20

Instrument :

MSVOA_W

ClientSampleId :

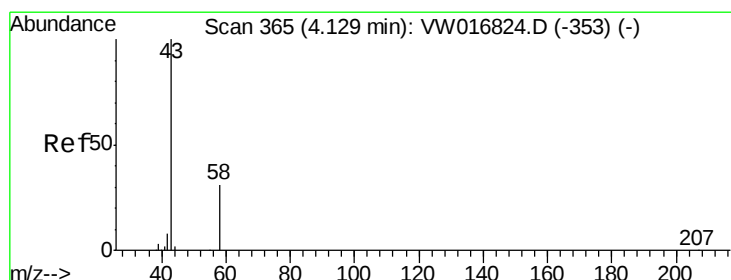
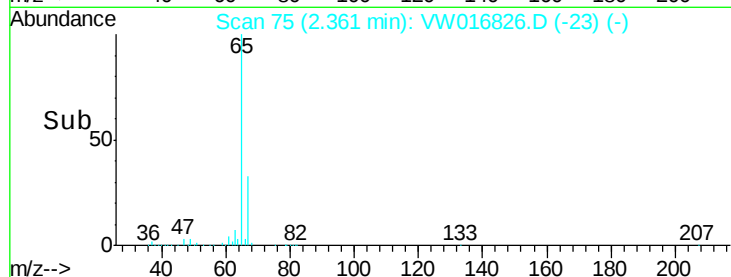
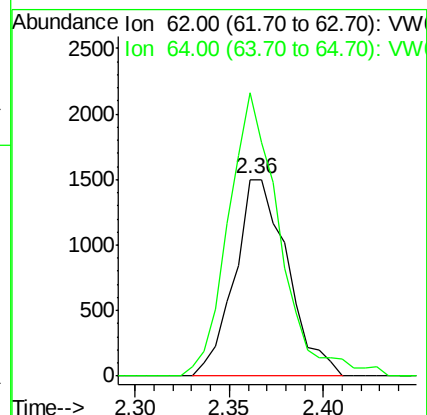
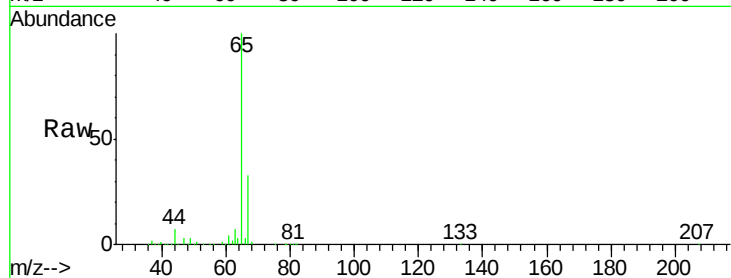
BG3T3

Tot Ion: 62 Resp: 2924

Ion Ratio Lower Upper

62 100

64 143.7 23.5 43.7#



#13

Acetone

Concen: 6.990 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016826.D

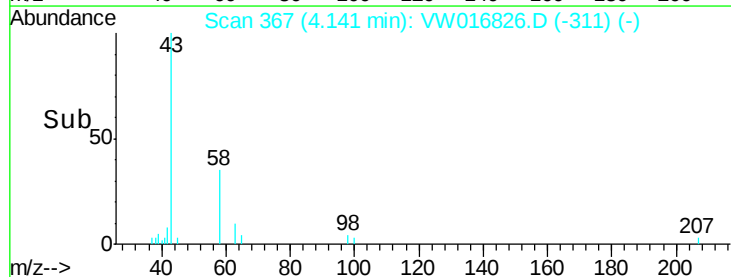
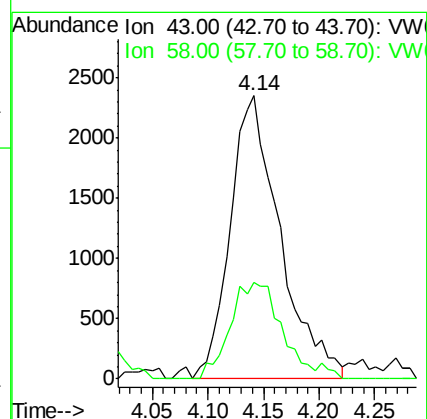
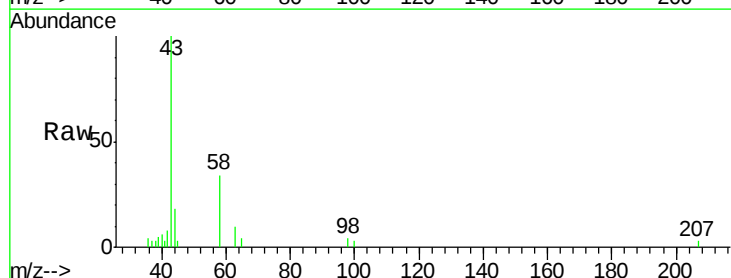
Acq: 07 Oct 2020 11:20

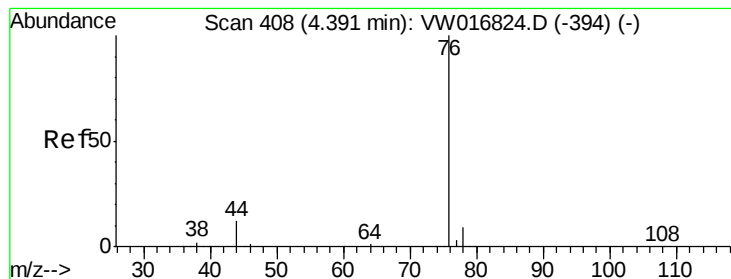
Tgt Ion: 43 Resp: 7333

Ion Ratio Lower Upper

43 100

58 13.9 0.0 67.6





#14

Carbon disulfide

Concen: 0.648 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW016826.D

Acq: 07 Oct 2020 11:20

Instrument :

MSVOA_W

ClientSampled :

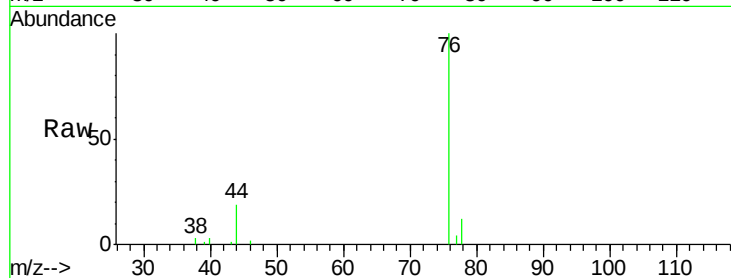
BG3T3

Tot Ion: 76 Resp: 14909

Ion Ratio Lower Upper

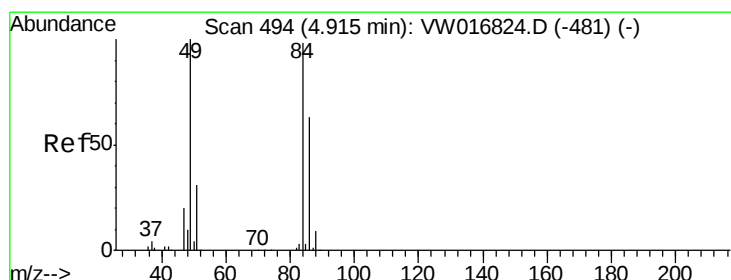
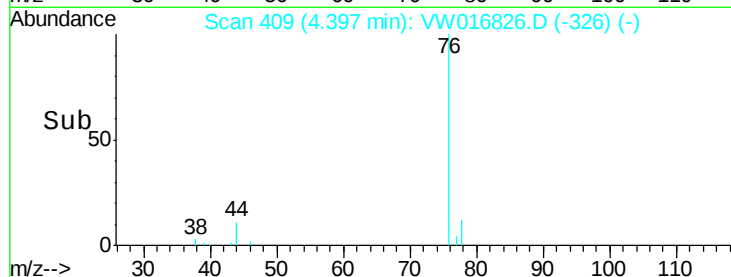
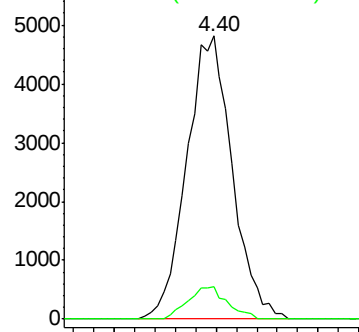
76 100

78 11.6 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 1.183 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016826.D

Acq: 07 Oct 2020 11:20

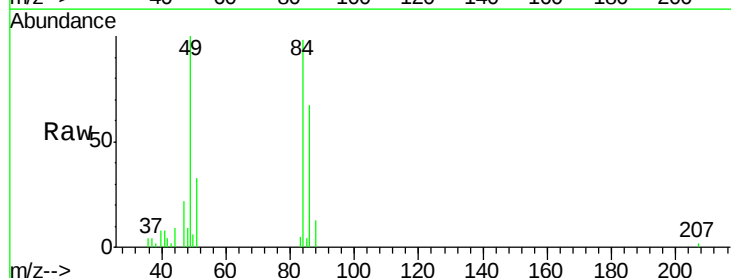
Tgt Ion: 84 Resp: 10129

Ion Ratio Lower Upper

84 100

49 101.8 73.1 135.8

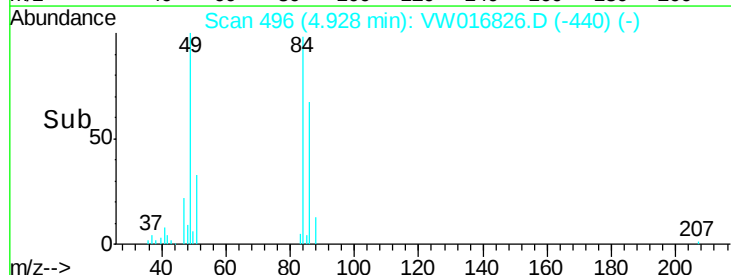
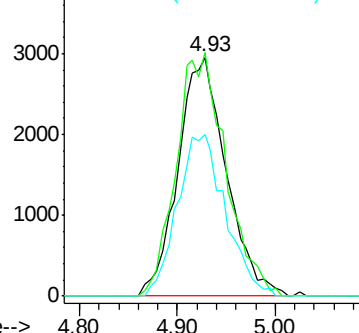
86 67.7 46.0 85.4

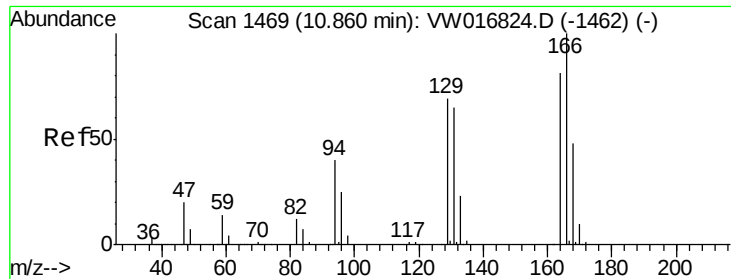


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#47

Tetrachloroethene

Concen: 2.416 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW016826.D

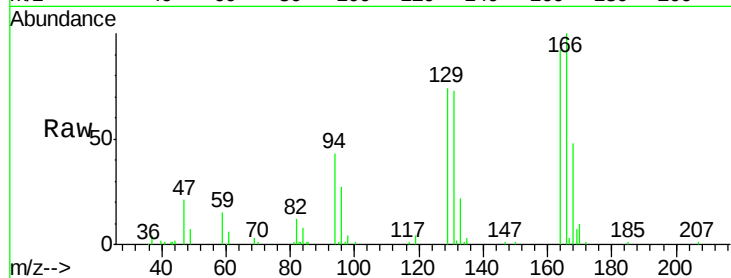
Acq: 07 Oct 2020 11:20

Instrument :

MSVOA_W

ClientSampleId :

BG3T3



Tot Ion:164 Resp: 18658

Ion Ratio Lower Upper

164 100

129 79.9 61.7 114.7

131 79.2 59.7 110.9

166 108.5 88.3 164.1

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

