

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000785.D
 Acq On : 22 Nov 2019 12:05
 Operator : SY/MD
 Sample : K5959-12
 Misc : 6.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112019-4-5-GRAB-B2

Quant Time: Nov 23 04:36:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

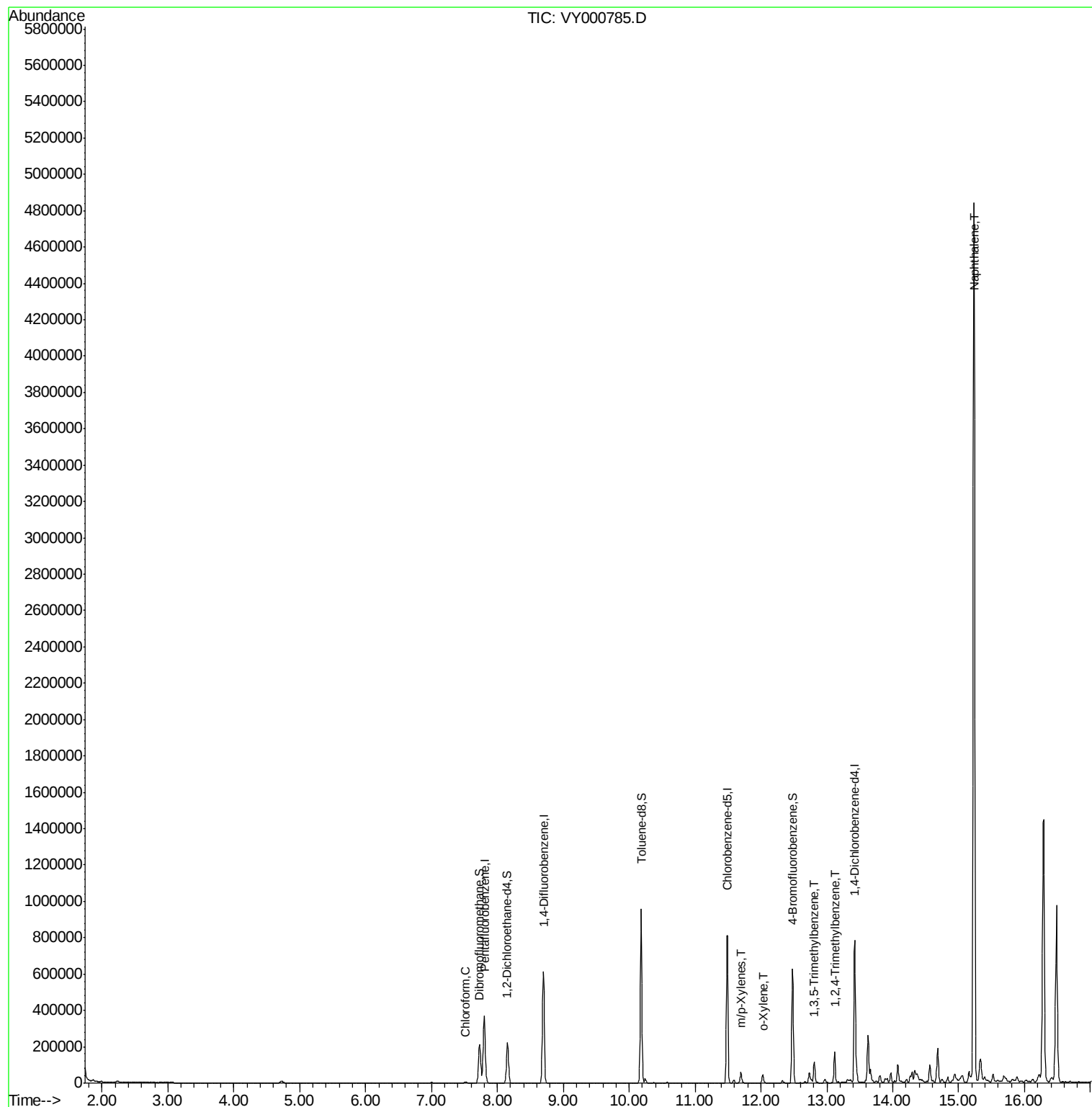
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	520869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	449846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	163982	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
35) Dibromofluoromethane	7.73	113	150898	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.18	98	613066	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.48	95	197982	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
Target Compounds						
30) Chloroform	7.51	83	6314	1.153	ug/l #	81
68) m/p-Xylenes	11.69	106	17120	2.635	ug/l	93
69) o-Xylene	12.02	106	11954	1.958	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	55676	4.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	91419	7.960	ug/l	99
95) Naphthalene	15.23	128	3900466	462.348	ug/l	100

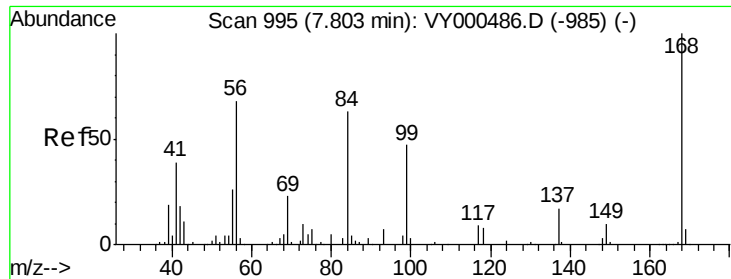
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000785.D

Acq: 22 Nov 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

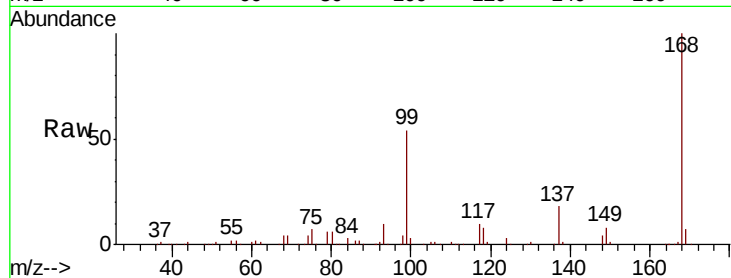
WS-112019-4-5-GRAB-B2

Tot Ion:168 Resp: 282965

Ion Ratio Lower Upper

168 100

99 54.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

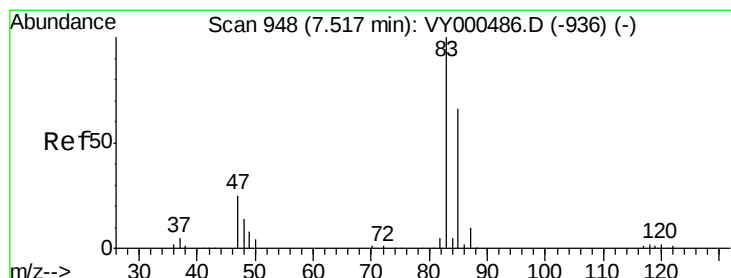
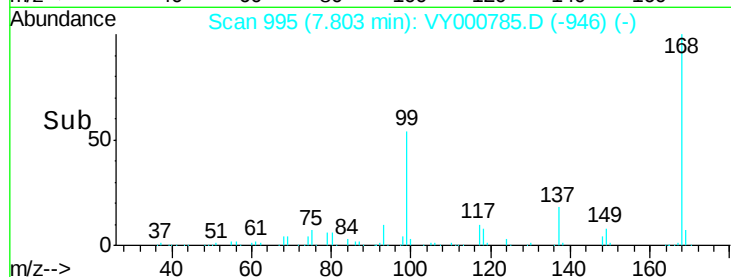
100000

50000

0

Time-->

7.70 7.80 7.90



#30

Chloroform

Concen: 1.153 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000785.D

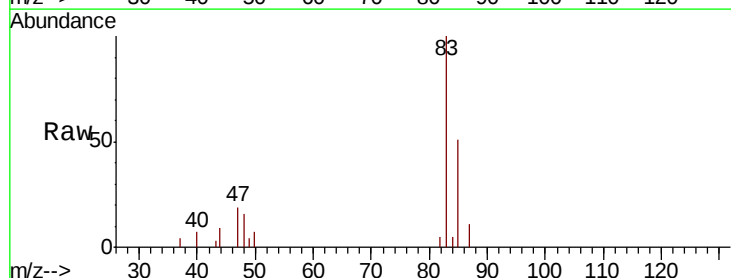
Acq: 22 Nov 2019 12:05

Tgt Ion: 83 Resp: 6314

Ion Ratio Lower Upper

83 100

85 51.1 53.0 79.4#



Abundance Ion 82.90 (82.60 to 83.60): VY000785.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY000785.D (-899) (-)

7.51

2500

2000

1500

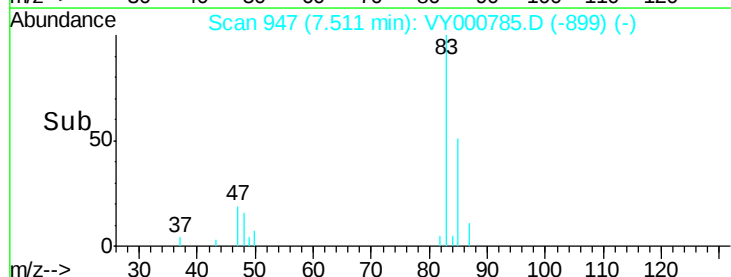
1000

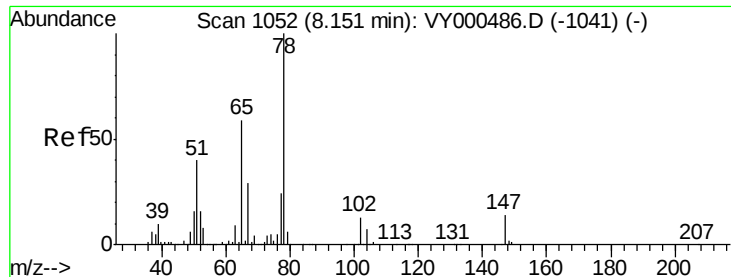
500

0

Time-->

7.45 7.50 7.55 7.60





#33

1,2-Dichloroethane-d4

Concen: 55.999 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000785.D

Acq: 22 Nov 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

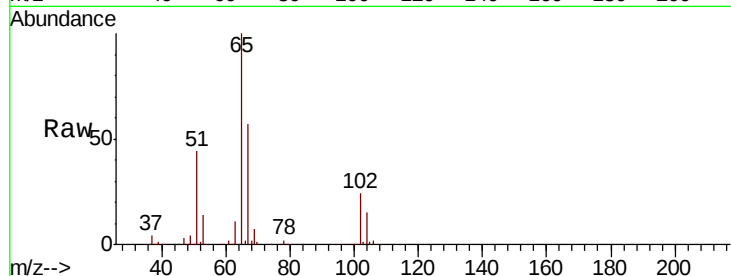
WS-112019-4-5-GRAB-B2

Tot Ion: 65 Resp: 163982

Ion Ratio Lower Upper

65 100

67 55.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

80000

60000

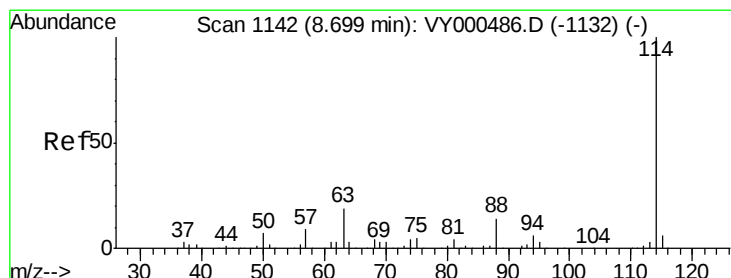
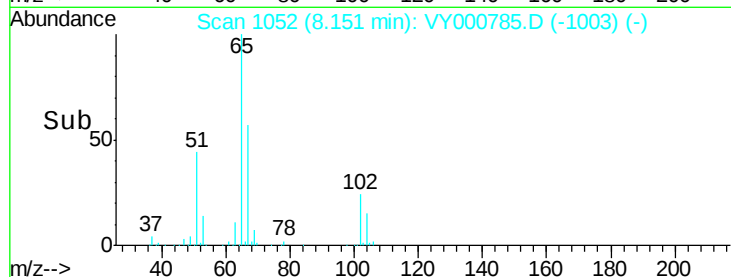
40000

20000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000785.D

Acq: 22 Nov 2019 12:05

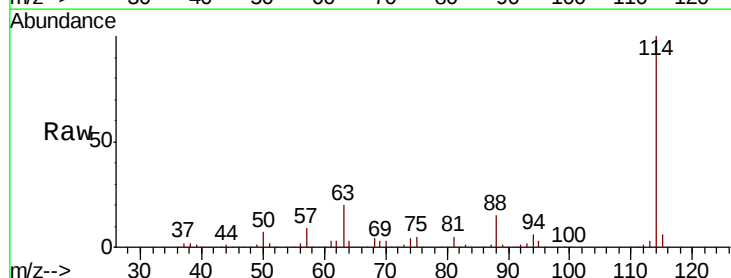
Tgt Ion: 114 Resp: 520869

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

88 15.4 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

8.70

300000

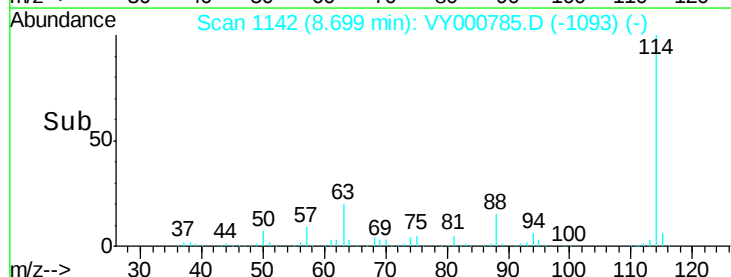
200000

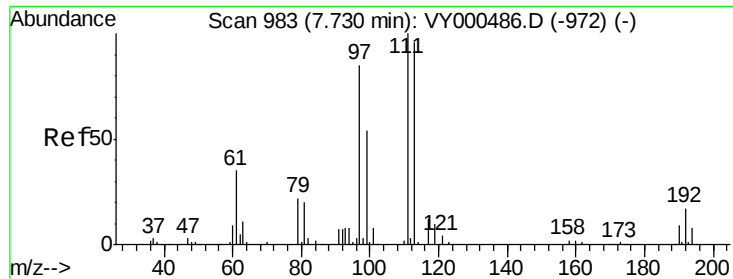
100000

0

Time-->

8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 49.348 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000785.D

Acq: 22 Nov 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

WS-112019-4-5-GRAB-B2

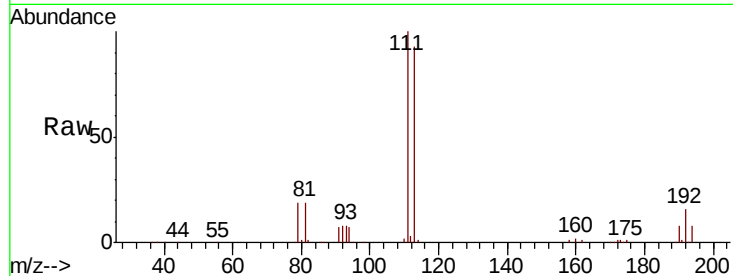
Tot Ion:113 Resp: 150898

Ion Ratio Lower Upper

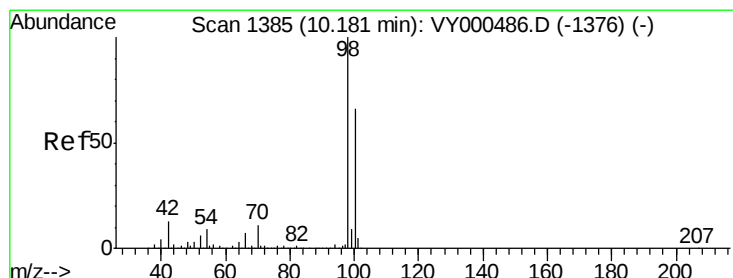
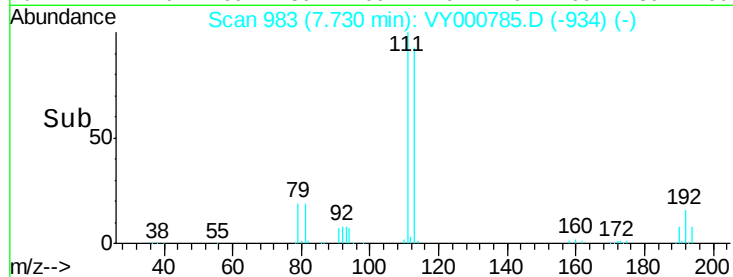
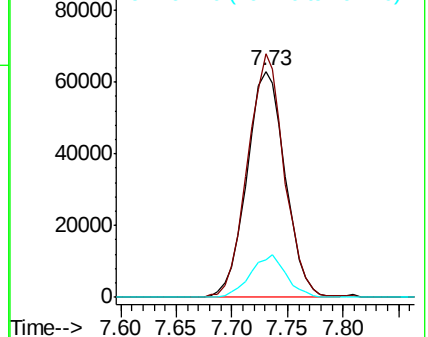
113 100

111 103.1 81.7 122.5

192 17.7 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 52.837 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000785.D

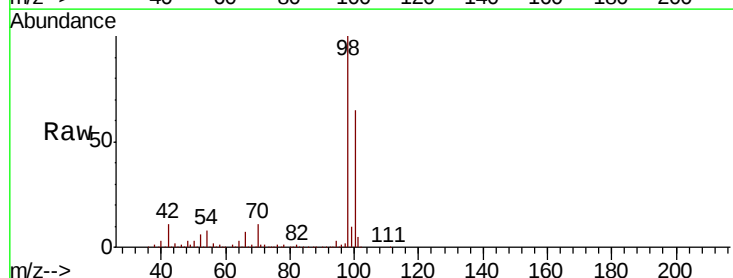
Acq: 22 Nov 2019 12:05

Tgt Ion: 98 Resp: 613066

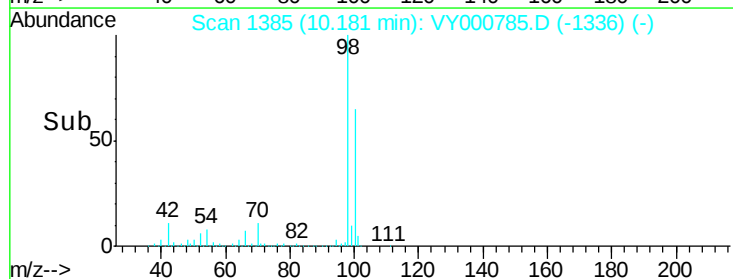
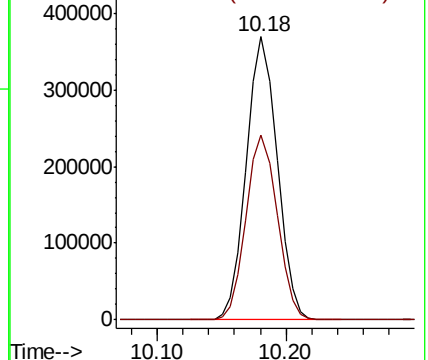
Ion Ratio Lower Upper

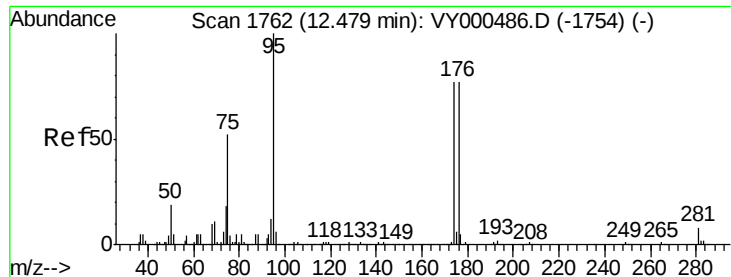
98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

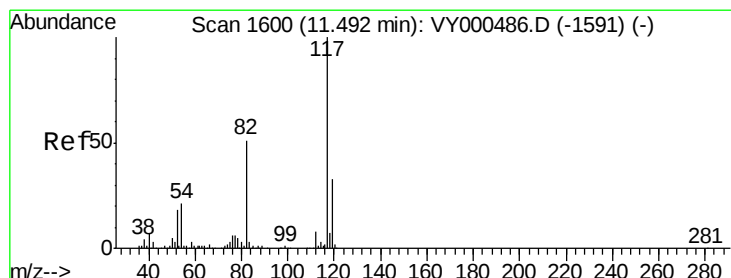
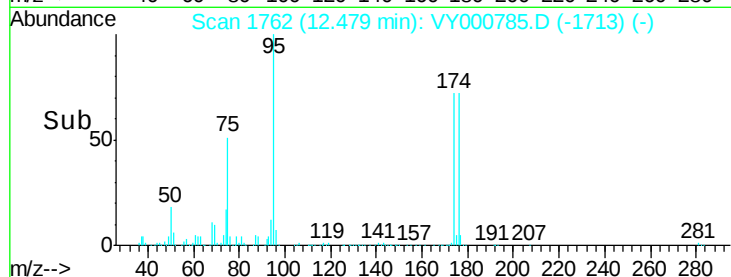
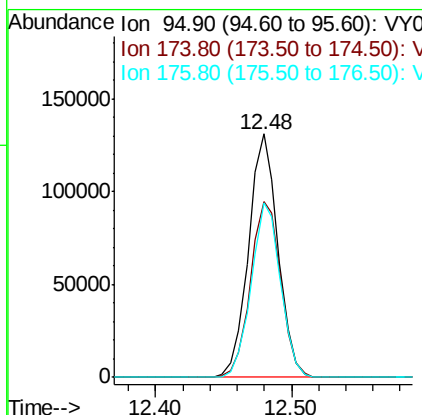
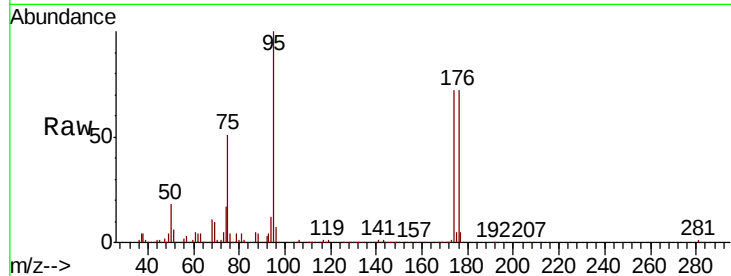




#62
4-Bromofluorobenzene
Concen: 44.821 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000785.D
Acq: 22 Nov 2019 12:05

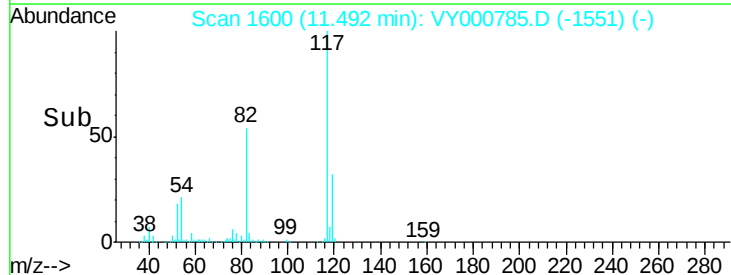
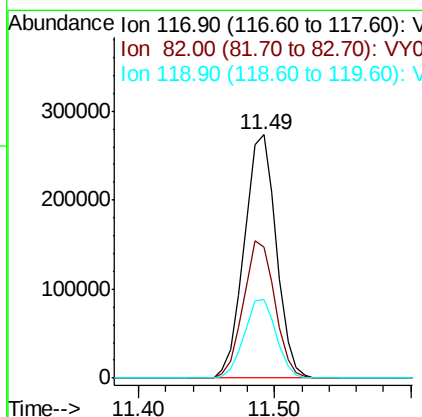
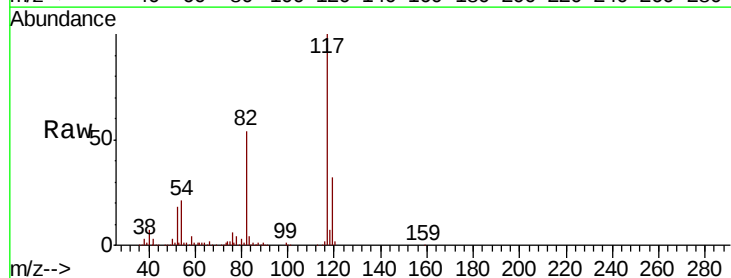
Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

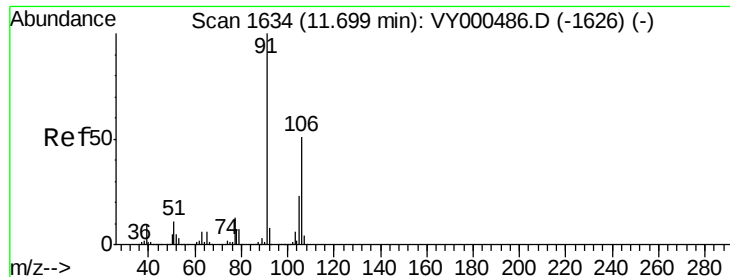
Tot Ion	95	Resp	197982
Ion Ratio	100	Lower	Upper
174	74.9	0.0	161.6
176	71.7	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000785.D
Acq: 22 Nov 2019 12:05

Tgt Ion	117	Resp	449846
Ion Ratio	100	Lower	Upper
82	54.0	40.8	61.2
119	32.4	26.2	39.2





#68

m/p-Xylenes

Concen: 2.635 ug/l

RT: 11.69 min Scan# 1633

Delta R.T. -0.01 min

Lab File: VY000785.D

Acq: 22 Nov 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

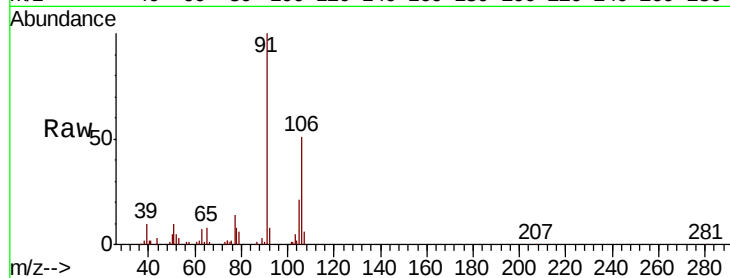
WS-112019-4-5-GRAB-B2

Tot Ion:106 Resp: 17120

Ion Ratio Lower Upper

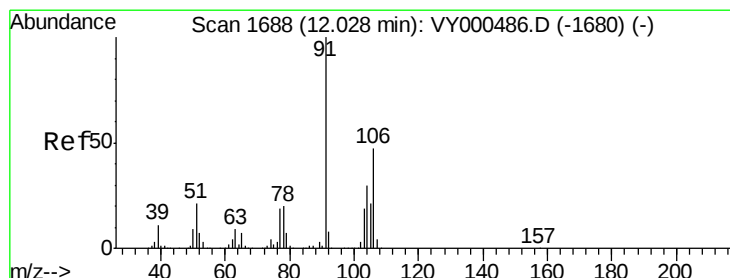
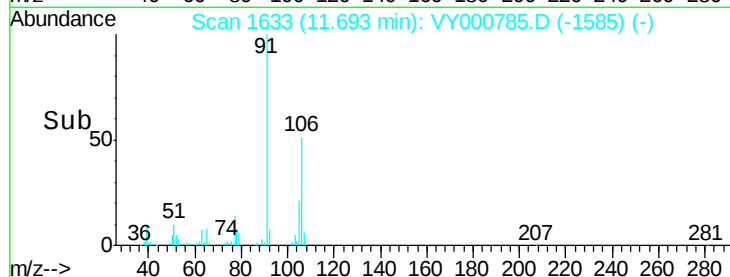
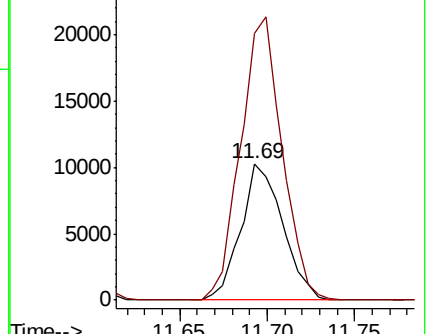
106 100

91 205.2 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 1.958 ug/l

RT: 12.02 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VY000785.D

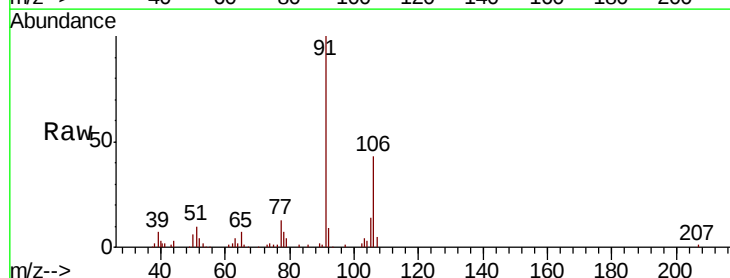
Acq: 22 Nov 2019 12:05

Tgt Ion:106 Resp: 11954

Ion Ratio Lower Upper

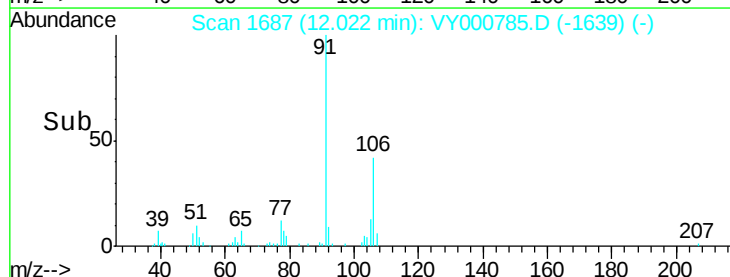
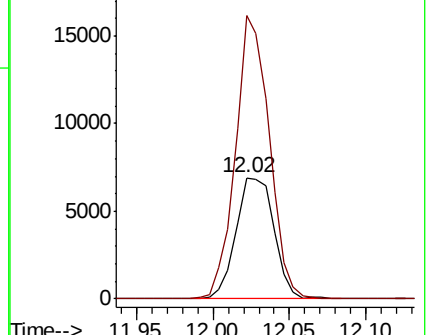
106 100

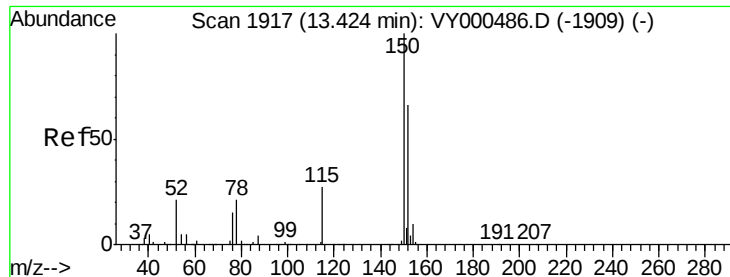
91 206.9 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



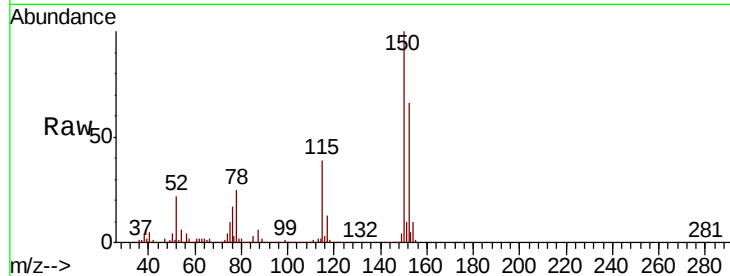


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000785.D
Acq: 22 Nov 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.1	87.4
150	157.5	0.0	348.8

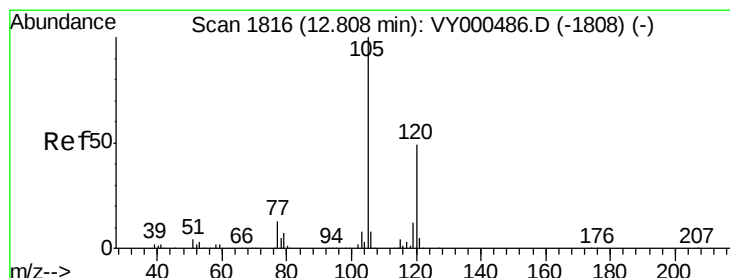
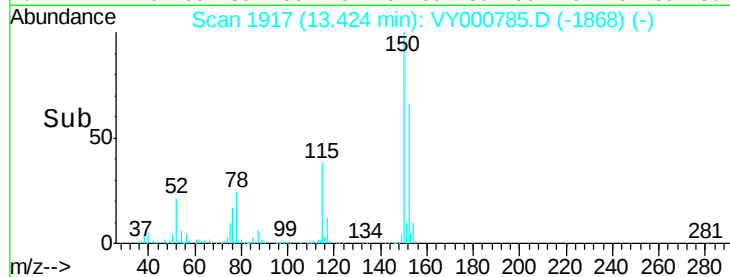
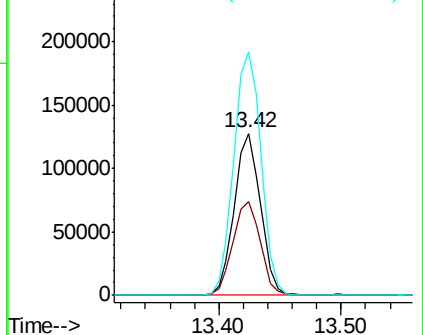


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

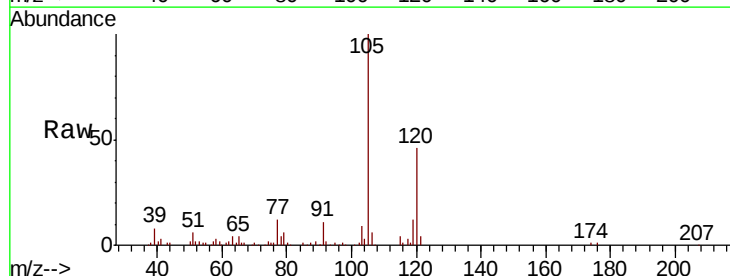
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene
Concen: 4.827 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000785.D
Acq: 22 Nov 2019 12:05

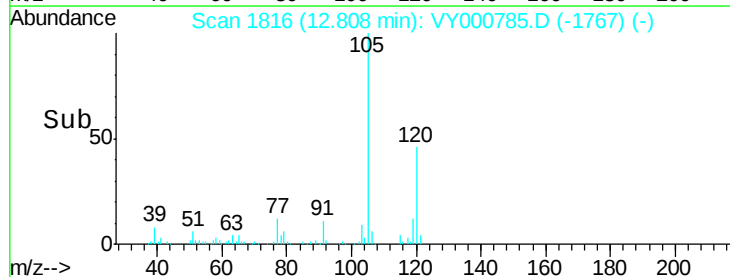
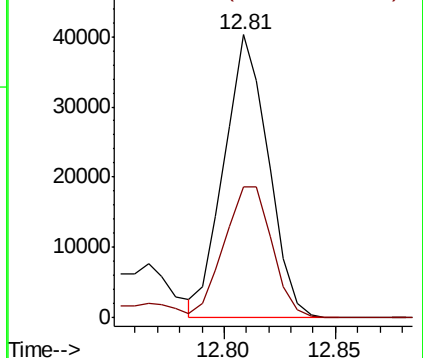
Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.9	74.8

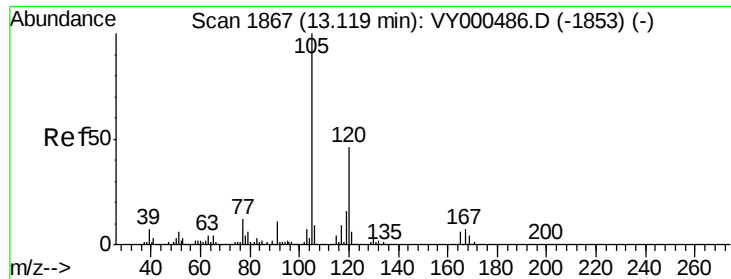


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 7.960 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000785.D

Acq: 22 Nov 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

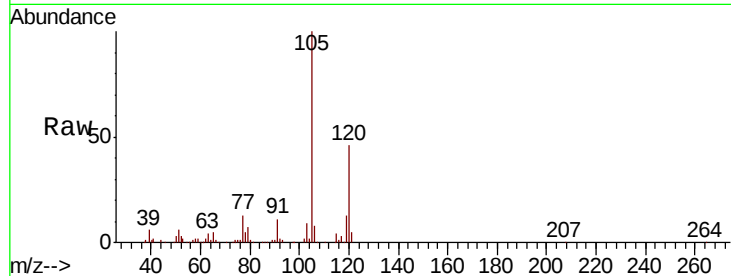
WS-112019-4-5-GRAB-B2

Tot Ion:105 Resp: 91419

Ion Ratio Lower Upper

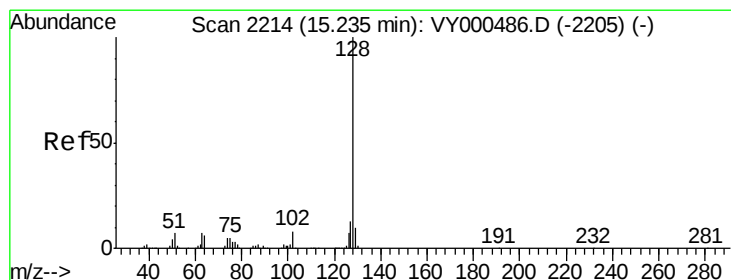
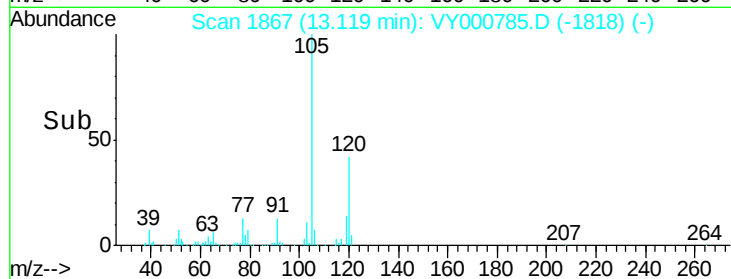
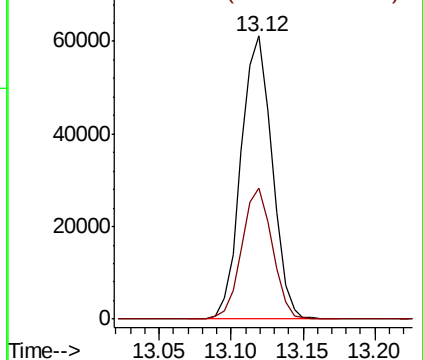
105 100

120 45.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 462.348 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000785.D

Acq: 22 Nov 2019 12:05

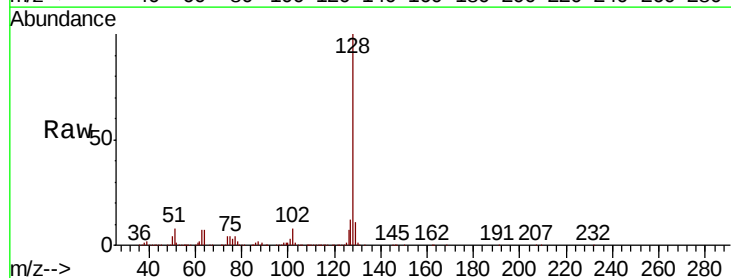
Tgt Ion:128 Resp: 3900466

Ion Ratio Lower Upper

128 100

127 12.5 9.8 14.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

