

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025151.D
 Acq On : 02 Jul 2018 18:27
 Operator : MD/SY
 Sample : J3790-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ZER-WC-S-01-0-72

Quant Time: Jul 03 05:37:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

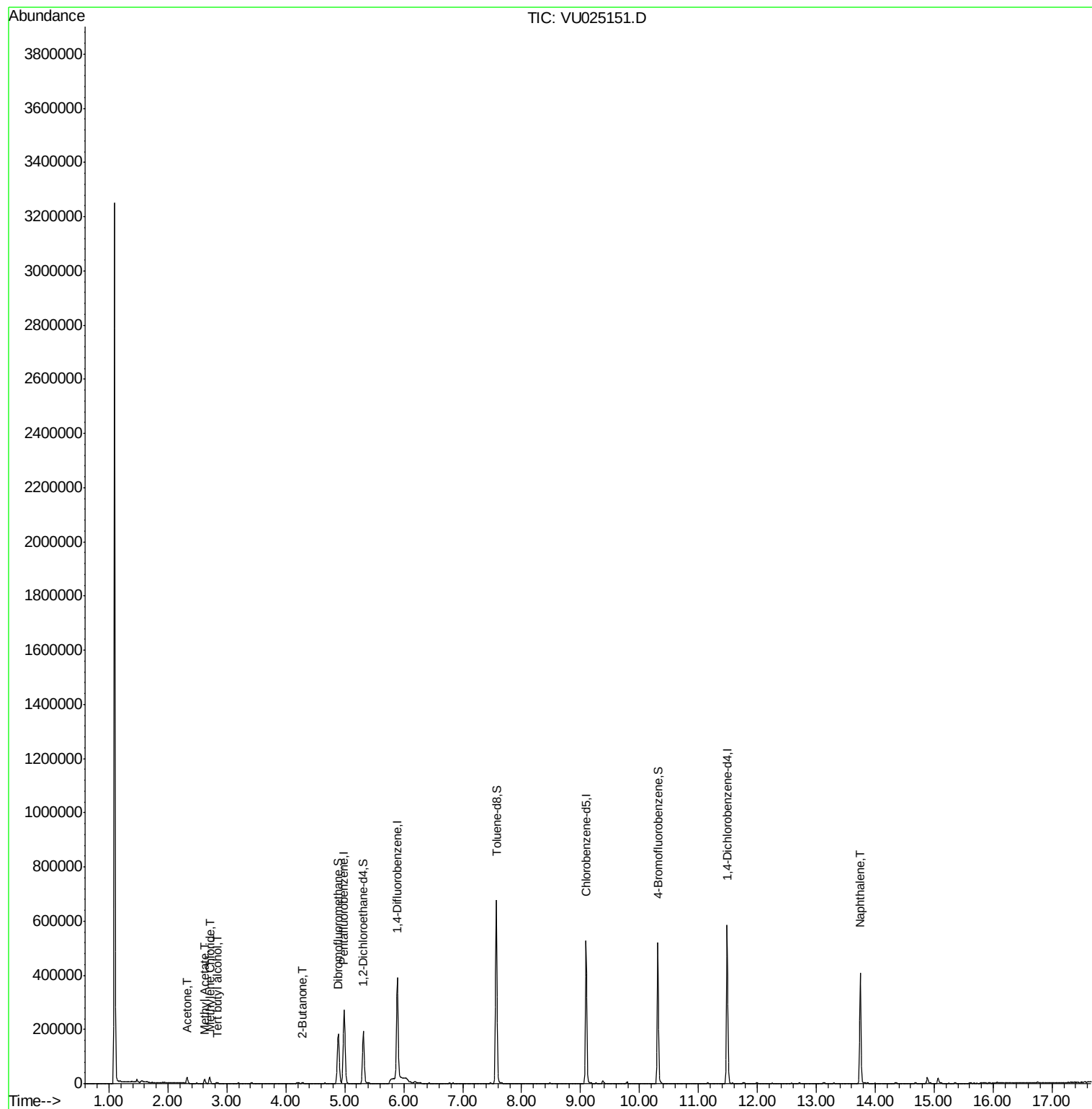
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313048	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	158999	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
35) Dibromofluoromethane	4.89	113	122568	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	7.57	98	448925	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	10.31	95	164071	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	4645	5.63	ug/l	# 88
16) Acetone	2.32	43	24358	13.36	ug/l	96
18) Methyl Acetate	2.62	43	18940	4.84	ug/l	100
20) Methylene Chloride	2.71	84	10242	3.58	ug/l	97
25) 2-Butanone	4.28	43	5975	2.44	ug/l	92
95) Naphthalene	13.75	128	324805	29.67	ug/l	100

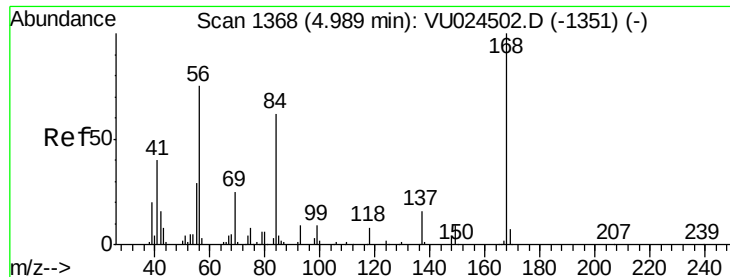
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
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Acq On : 02 Jul 2018 18:27
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ClientSampleId :
ZER-WC-S-01-0-72

Quant Time: Jul 03 05:37:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025151.D

Acq: 02 Jul 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

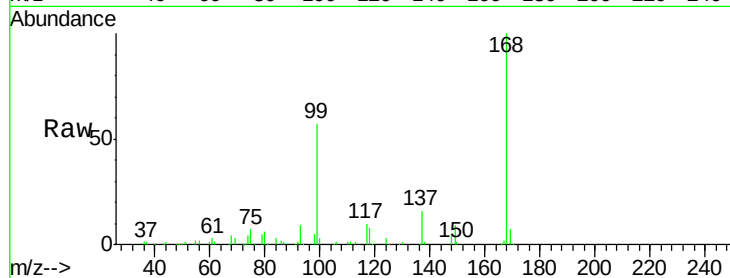
ZER-WC-S-01-0-72

Tot Ion:168 Resp: 207890

Ion Ratio Lower Upper

168 100

99 56.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025151.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025151.D (-1275) (-)

4.99

100000

80000

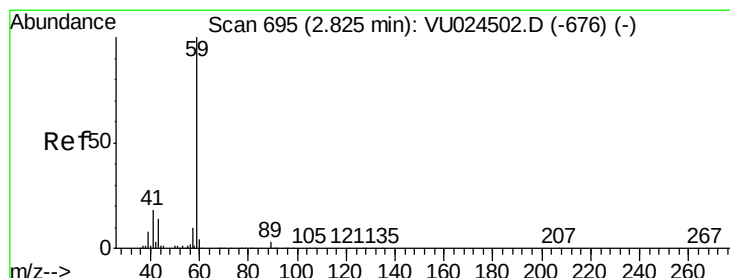
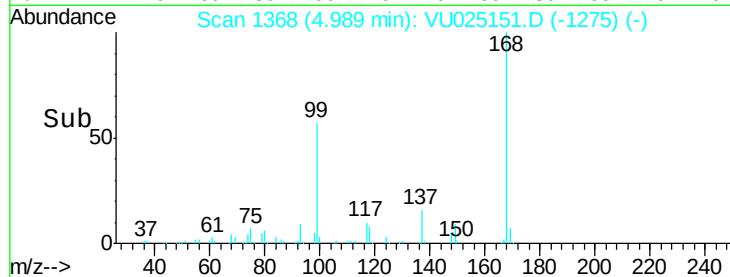
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.63 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VU025151.D

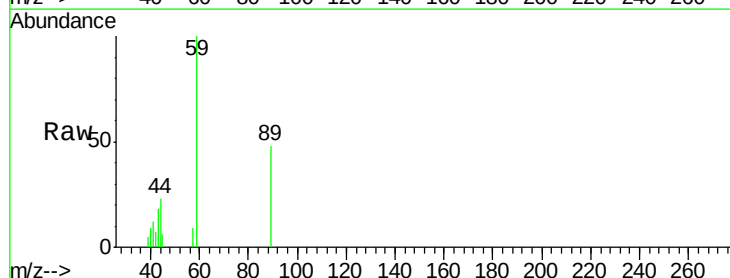
Acq: 02 Jul 2018 18:27

Tgt Ion: 59 Resp: 4645

Ion Ratio Lower Upper

59 100

57 6.2 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU025151.D (-602) (-)

Ion 57.00 (56.70 to 57.70): VU025151.D (-602) (-)

2.83

2000

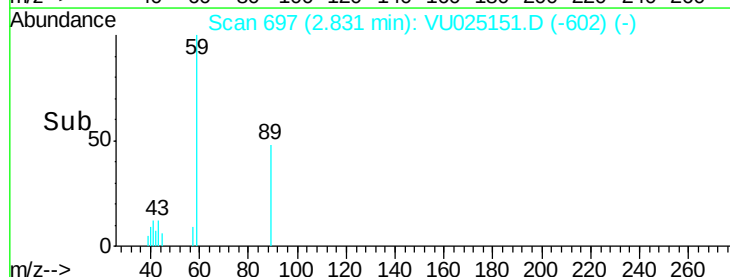
1500

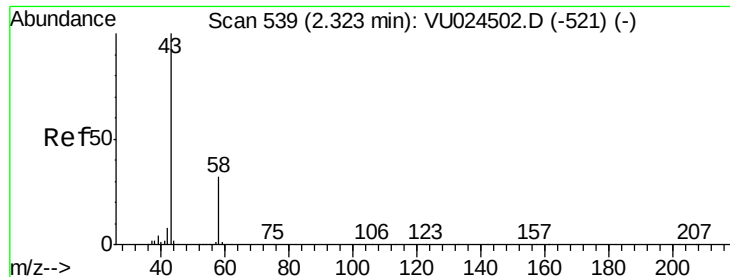
1000

500

0

Time-->





#16

Acetone

Concen: 13.36 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025151.D

Acq: 02 Jul 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

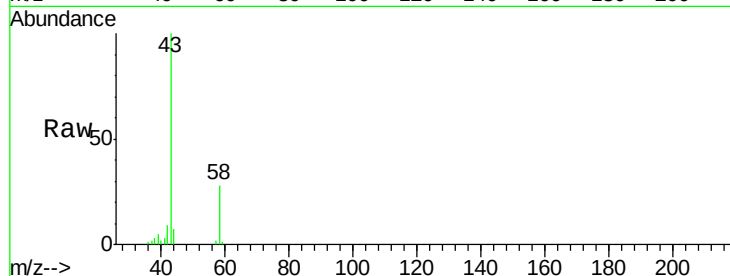
ZER-WC-S-01-0-72

Tot Ion: 43 Resp: 24358

Ion Ratio Lower Upper

43 100

58 28.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

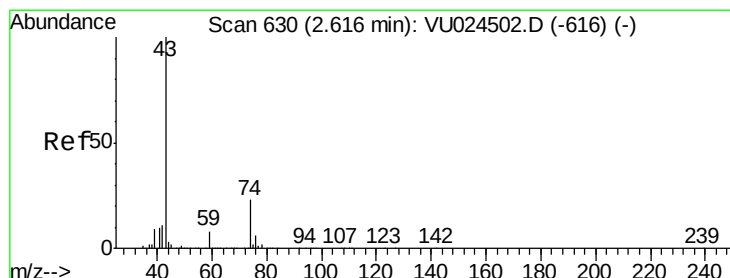
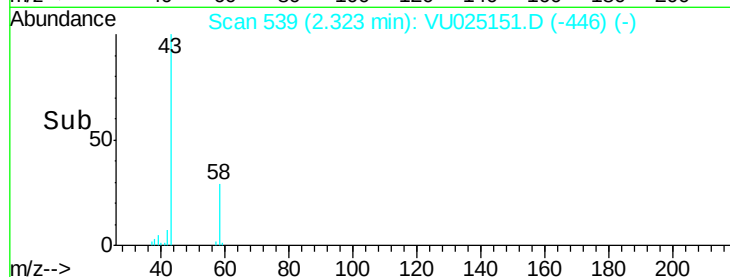
15000

10000

5000

0

Time--> 2.25 2.30 2.35 2.40



#18

Methyl Acetate

Concen: 4.84 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025151.D

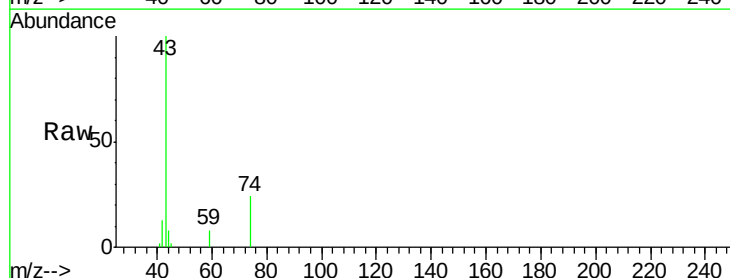
Acq: 02 Jul 2018 18:27

Tgt Ion: 43 Resp: 18940

Ion Ratio Lower Upper

43 100

74 22.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

12000

10000

8000

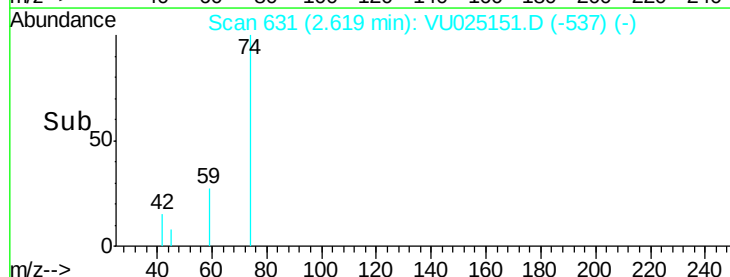
6000

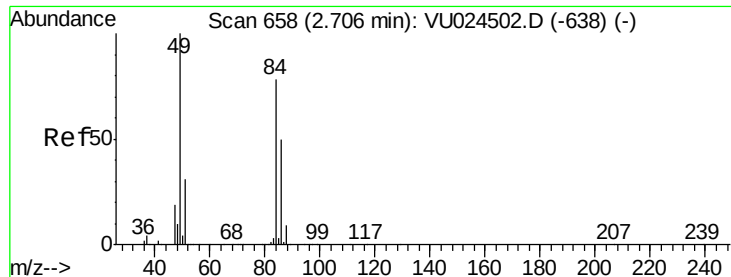
4000

2000

0

Time--> 2.55 2.60 2.65 2.70

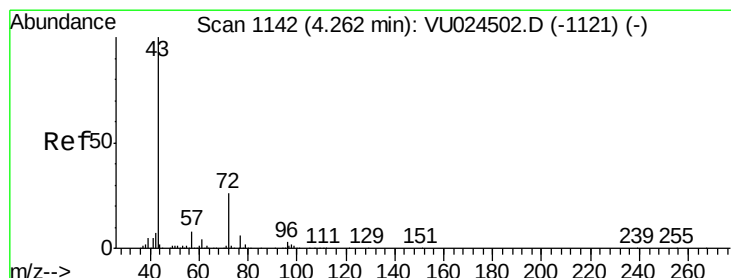
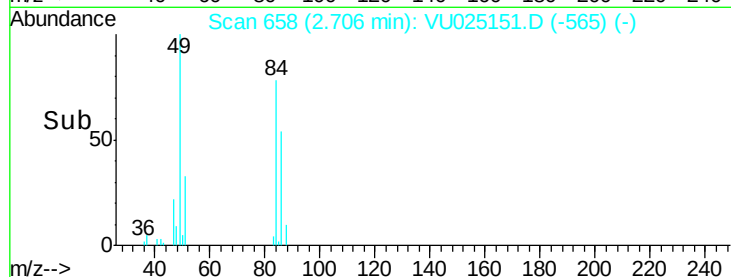
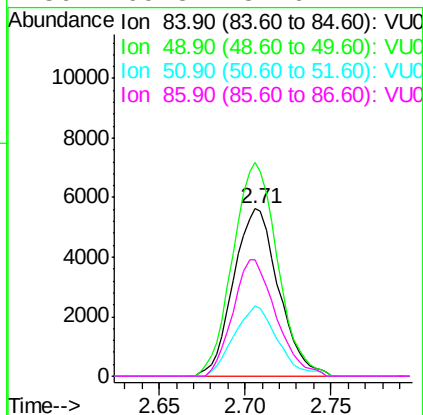
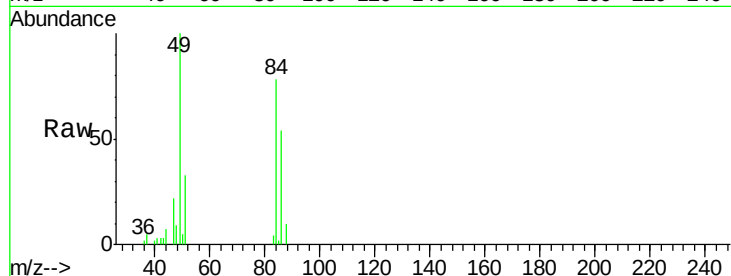




#20
Methvlene Chloride
Concen: 3.58 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025151.D
Acq: 02 Jul 2018 18:27

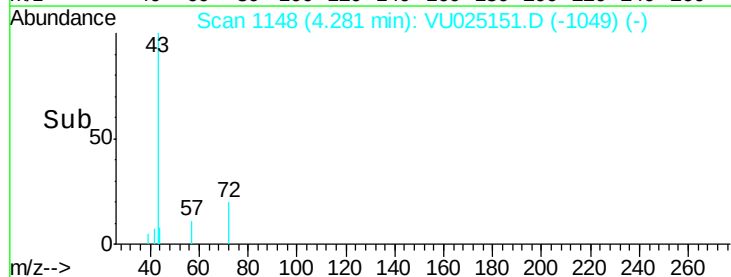
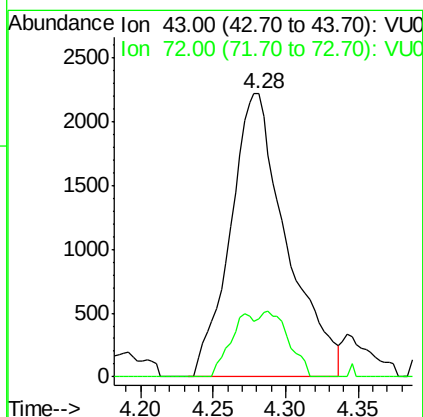
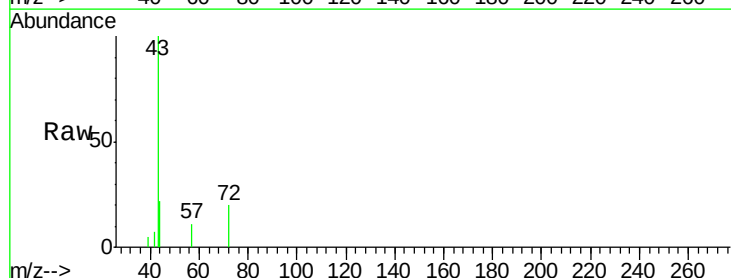
Instrument :
MSVOA_U
ClientSampleId :
ZER-WC-S-01-0-72

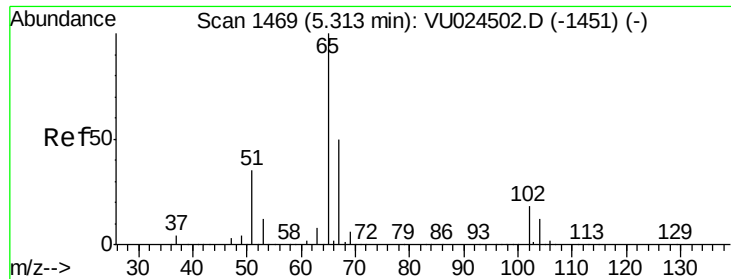
Tot Ion:	84	Resp:	10242
Ion	Ratio	Lower	Upper
84	100		
49	127.6	103.8	155.8
51	41.8	32.0	48.0
86	69.3	51.6	77.4



#25
2-Butanone
Concen: 2.44 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU025151.D
Acq: 02 Jul 2018 18:27

Tgt Ion:	43	Resp:	5975
Ion	Ratio	Lower	Upper
43	100		
72	20.3	19.6	29.4

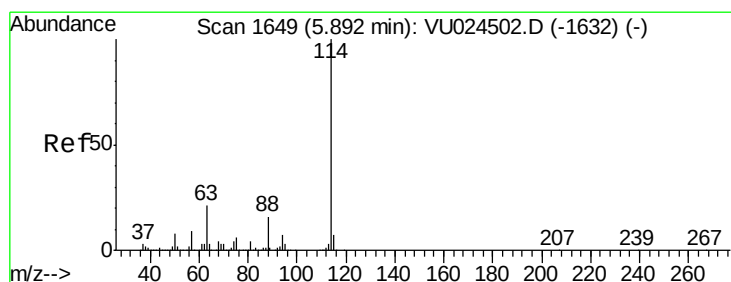
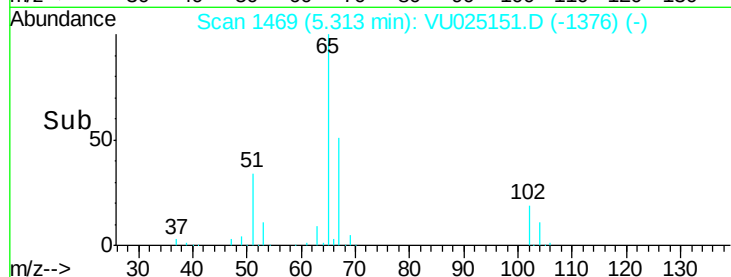
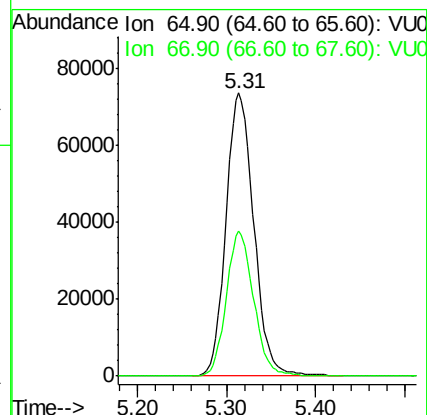
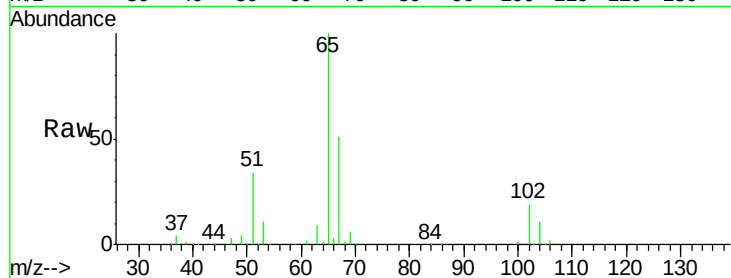




#33
 1,2-Dichloroethane-d4
 Concen: 46.85 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025151.D
 Acq: 02 Jul 2018 18:27

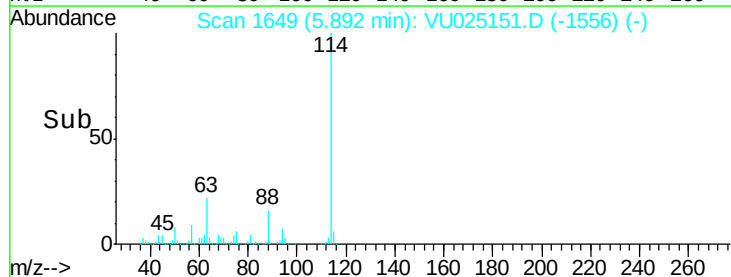
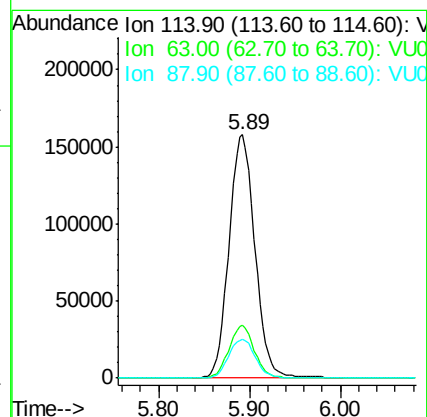
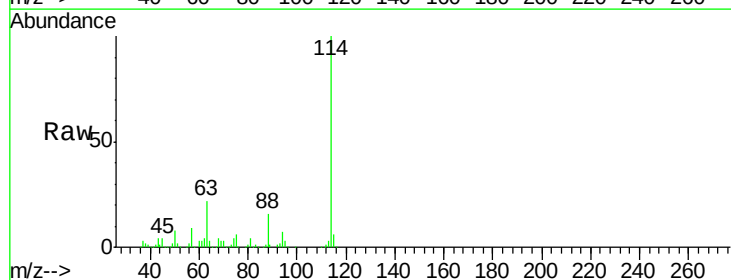
Instrument :
 MSVOA_U
 ClientSampleId :
 ZER-WC-S-01-0-72

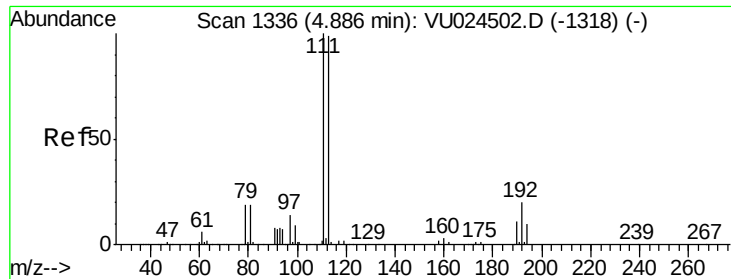
Tot Ion: 65 Resp: 158999
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025151.D
 Acq: 02 Jul 2018 18:27

Tgt Ion: 114 Resp: 313048
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.4
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.18 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025151.D

Acq: 02 Jul 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

ZER-WC-S-01-0-72

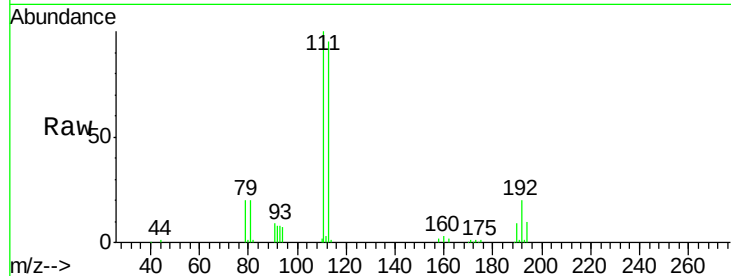
Tot Ion:113 Resp: 122568

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

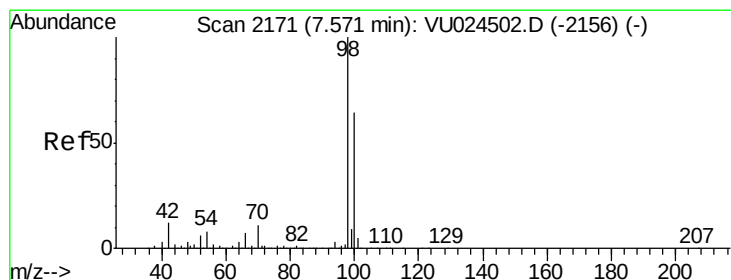
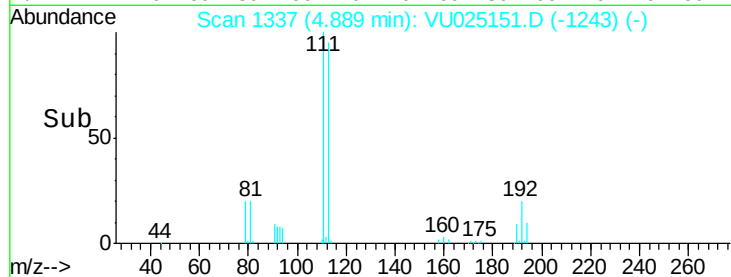
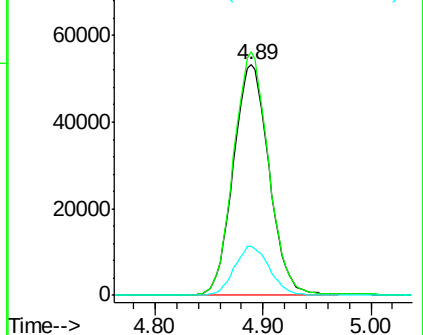
192 20.9 16.2 24.4



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: 47.37 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025151.D

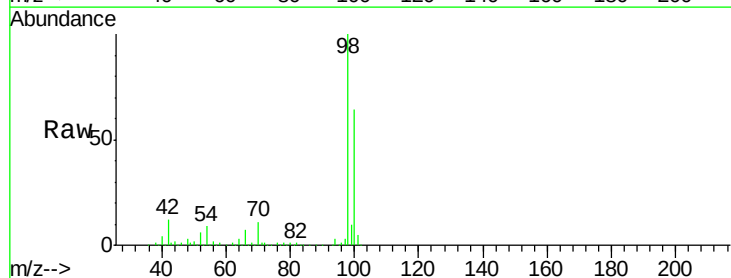
Acq: 02 Jul 2018 18:27

Tgt Ion: 98 Resp: 448925

Ion Ratio Lower Upper

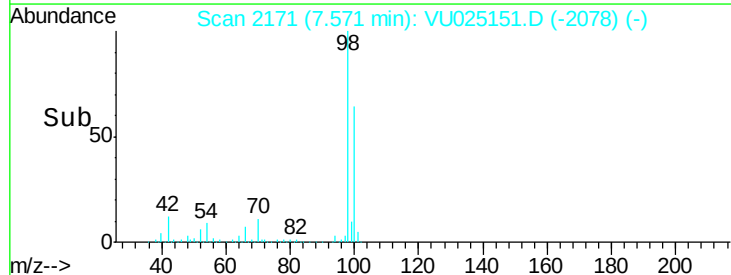
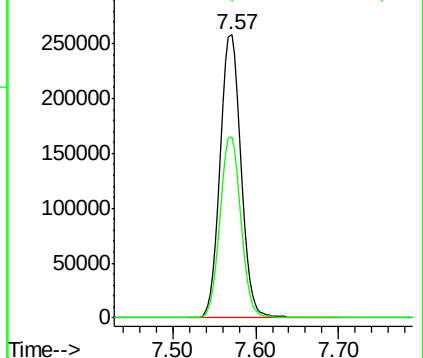
98 100

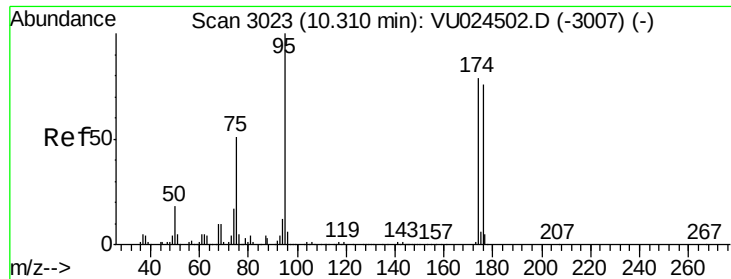
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

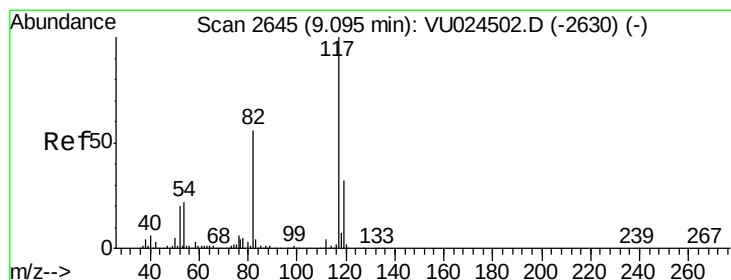
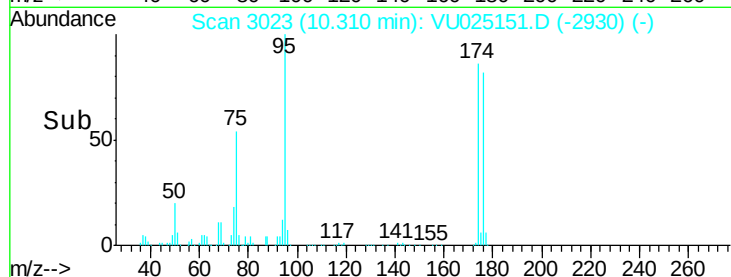
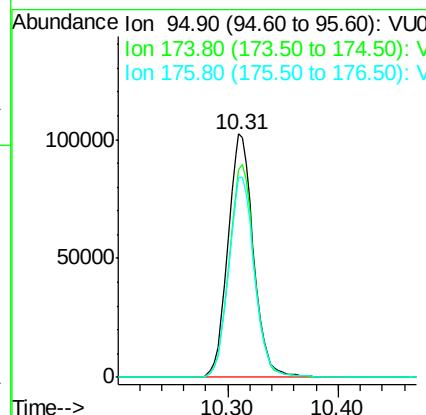
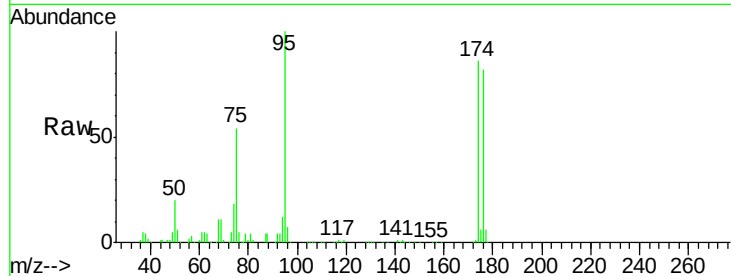




#62
4-Bromofluorobenzene
Concen: 43.61 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025151.D
Acq: 02 Jul 2018 18:27

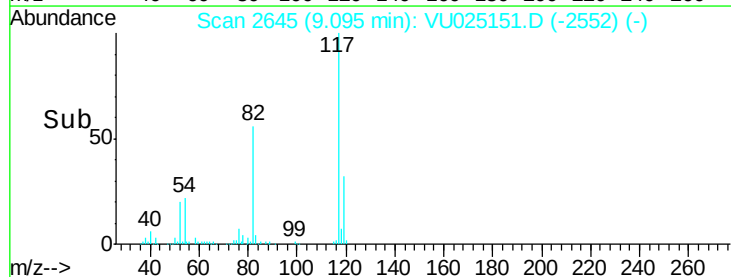
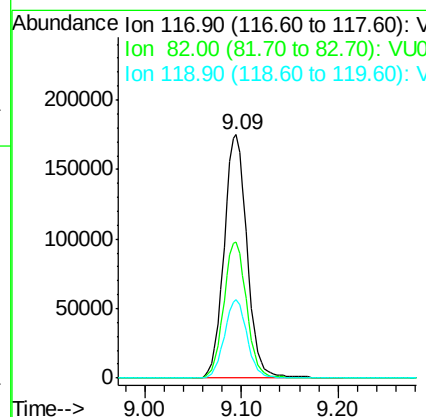
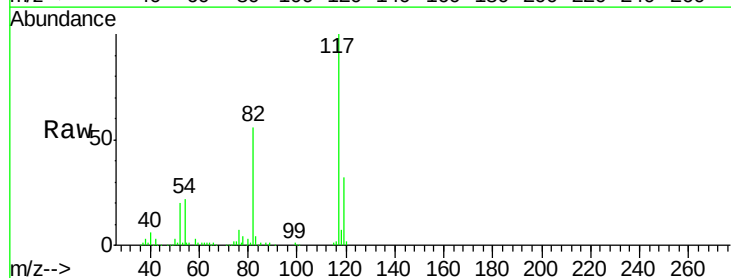
Instrument :
MSVOA_U
ClientSampleId :
ZER-WC-S-01-0-72

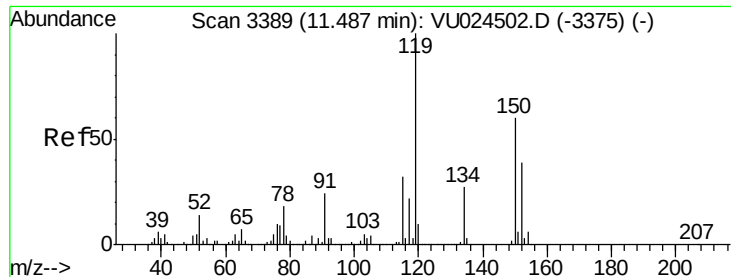
Tot Ion: 95 Resp: 164071
Ion Ratio Lower Upper
95 100
174 86.5 0.0 165.8
176 83.3 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025151.D
Acq: 02 Jul 2018 18:27

Tgt Ion: 117 Resp: 288678
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025151.D

Acq: 02 Jul 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

ZER-WC-S-01-0-72

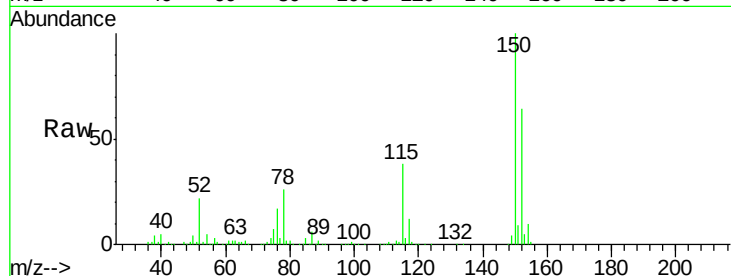
Tot Ion:152 Resp: 150276

Ion Ratio Lower Upper

152 100

115 58.8 43.0 129.0

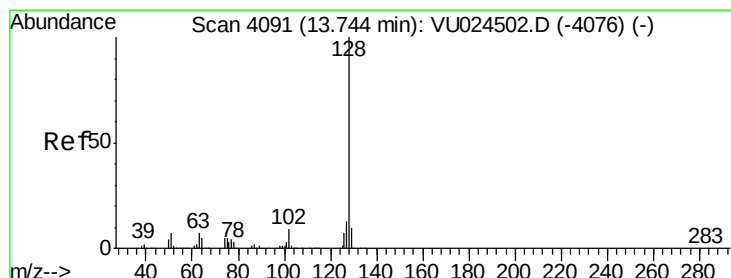
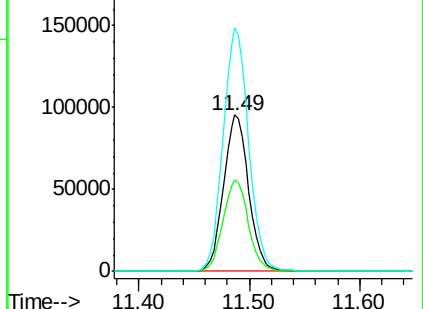
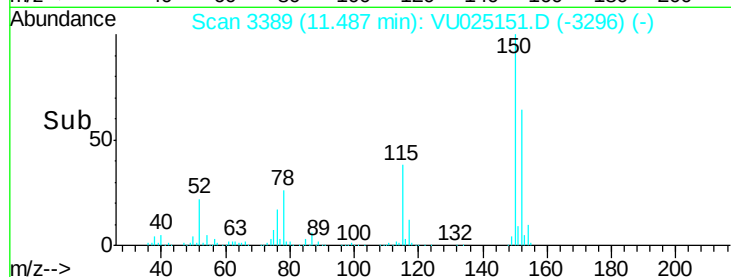
150 158.2 0.0 354.0



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



#95

Naphthalene

Concen: 29.67 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025151.D

Acq: 02 Jul 2018 18:27

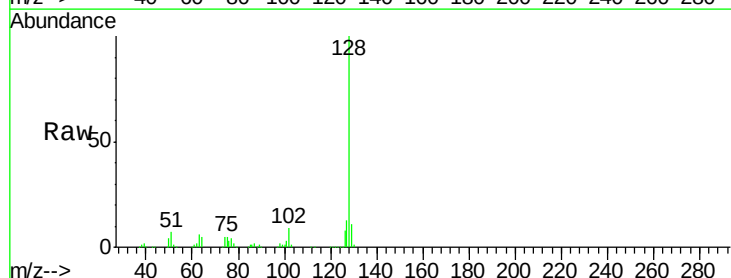
Tgt Ion:128 Resp: 324805

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.6 12.8



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

