

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007359.D
 Acq On : 04 Feb 2019 15:10
 Operator : JC/SP
 Sample : K1312-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-PILE

Quant Time: Feb 05 00:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

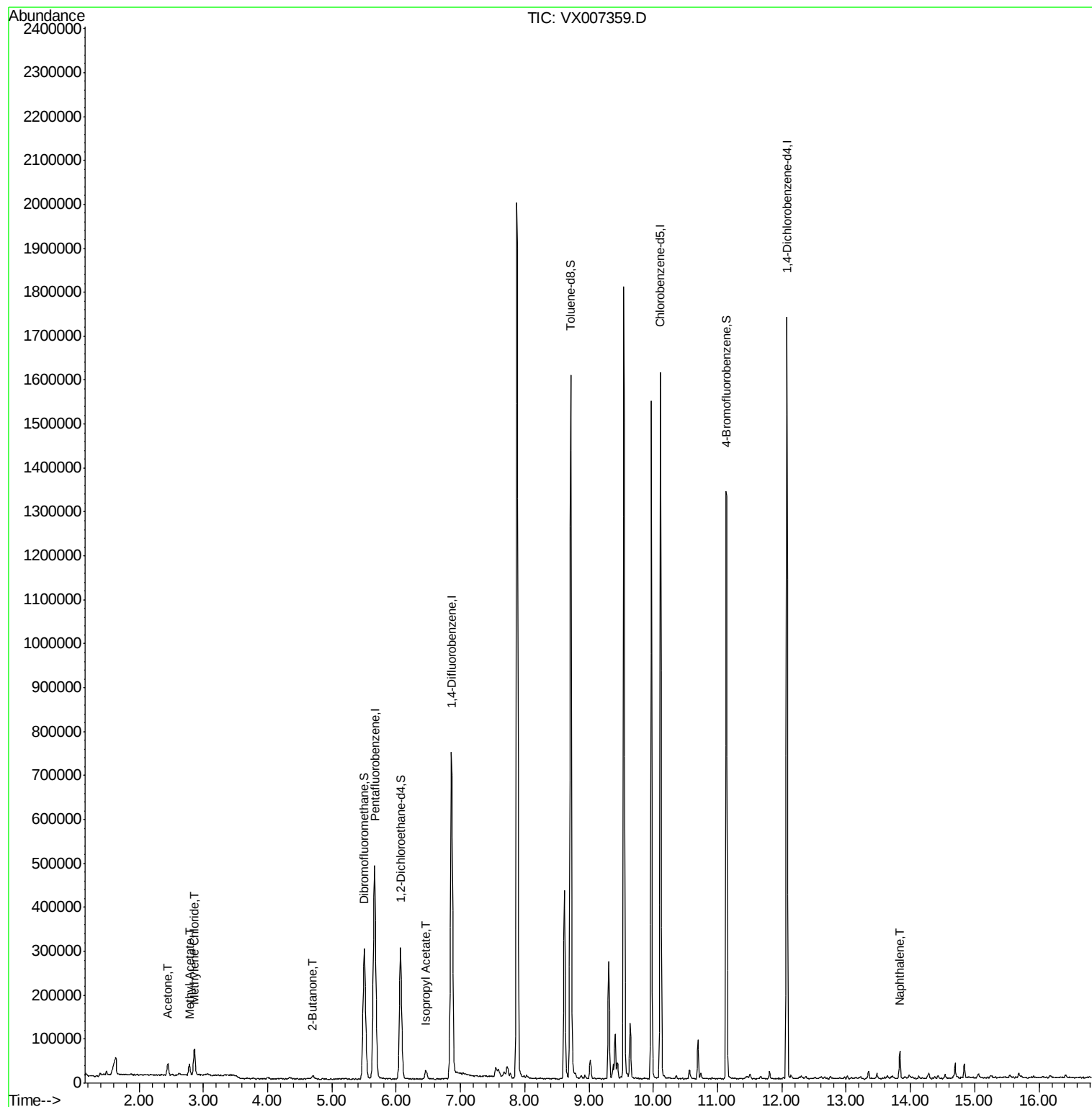
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	501379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	780936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	767090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	270934	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	5.50	113	245388	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	976051	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	11.13	95	345955	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
Target Compounds						
16) Acetone	2.45	43	30923	12.685	ug/l	99
18) Methyl Acetate	2.78	43	31071	5.427	ug/l	96
20) Methylene Chloride	2.86	84	27666	5.204	ug/l	97
25) 2-Butanone	4.70	43	13715	3.953	ug/l	93
43) Isopropyl Acetate	6.46	43	28014	2.562	ug/l	95
95) Naphthalene	13.83	128	40269	1.611	ug/l	99

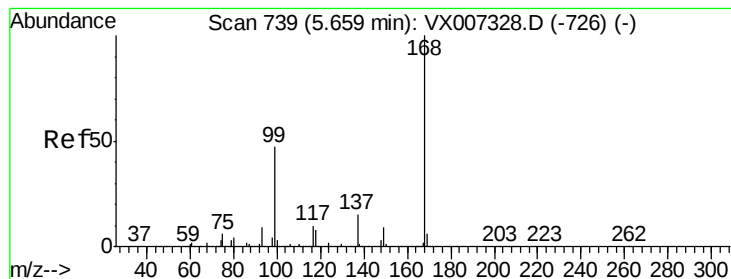
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

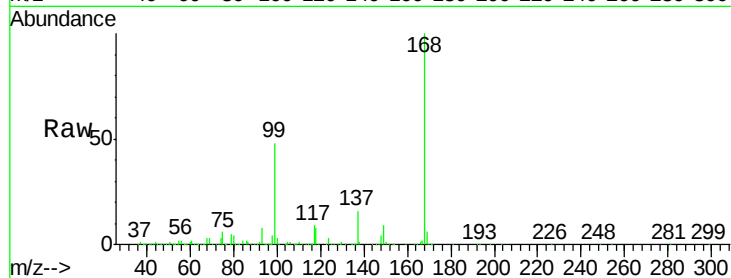
SOIL-PILE

Tot Ion:168 Resp: 501379

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

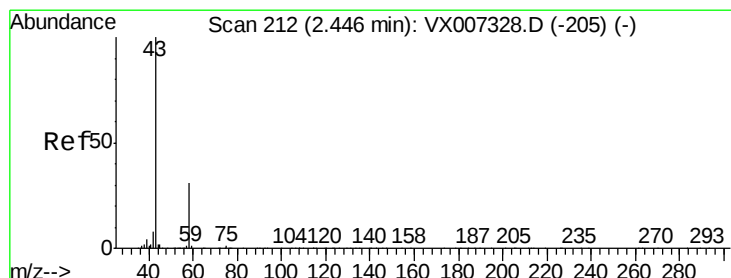
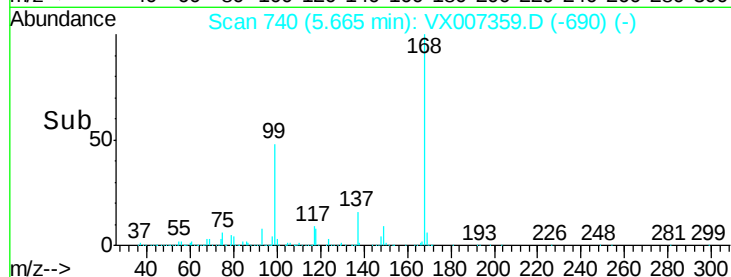
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.685 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007359.D

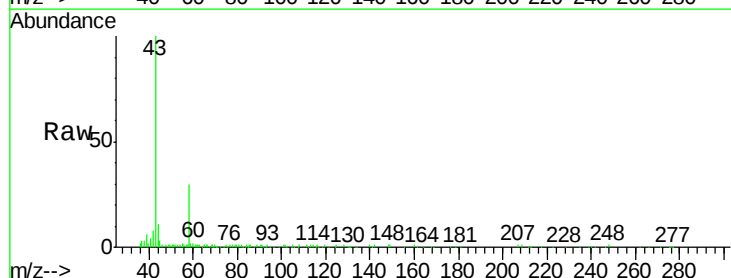
Acq: 04 Feb 2019 15:10

Tgt Ion: 43 Resp: 30923

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

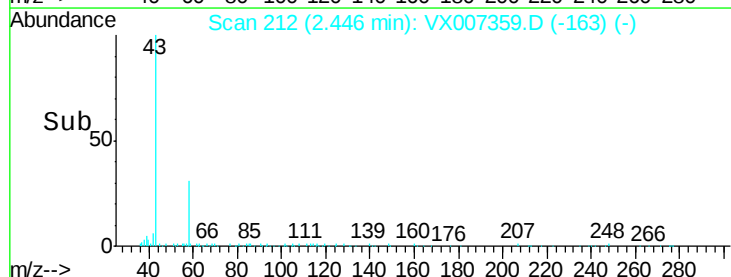
15000

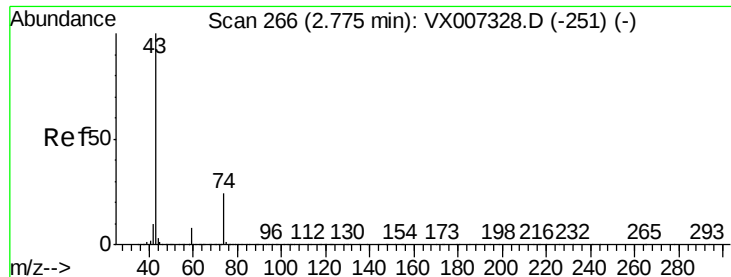
10000

5000

0

Time-->





#18

Methyl Acetate

Concen: 5.427 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

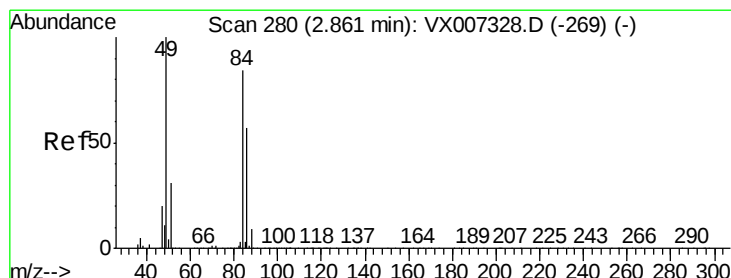
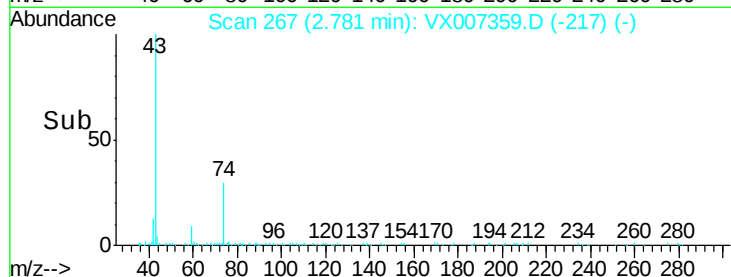
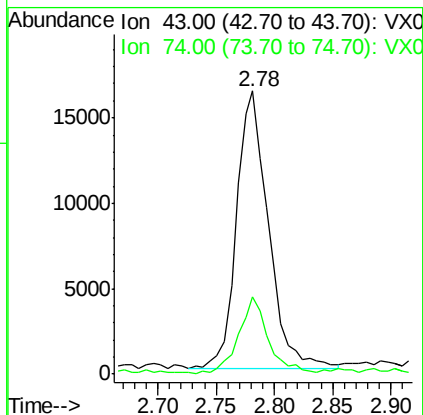
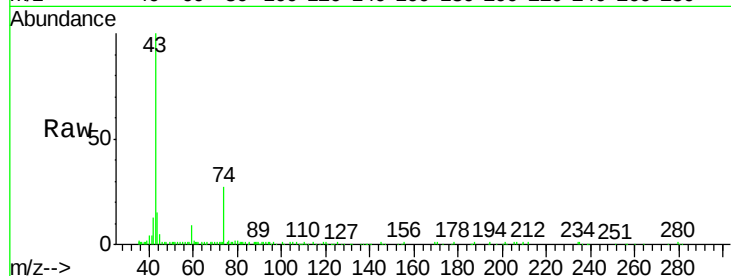
SOIL-PILE

Tot Ion: 43 Resp: 31071

Ion Ratio Lower Upper

43 100

74 26.2 19.4 29.2



#20

Methylene Chloride

Concen: 5.204 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Tgt Ion: 84 Resp: 27666

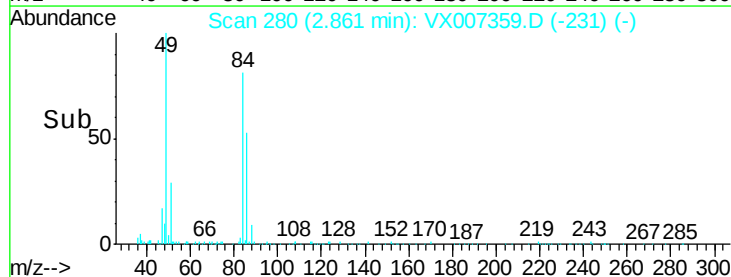
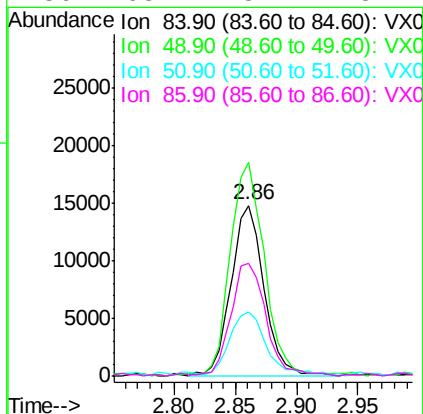
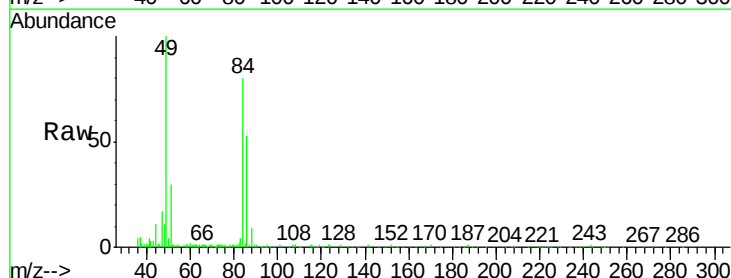
Ion Ratio Lower Upper

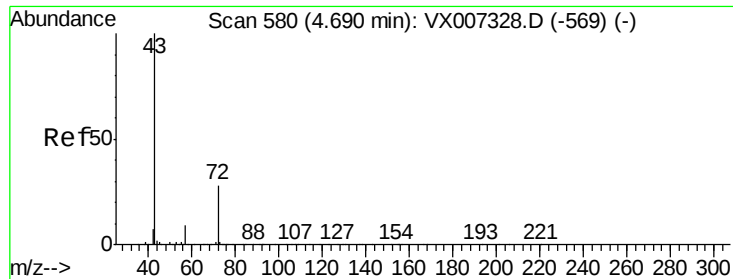
84 100

49 123.2 94.8 142.2

51 36.0 29.8 44.8

86 65.4 54.1 81.1





#25

2-Butanone

Concen: 3.953 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

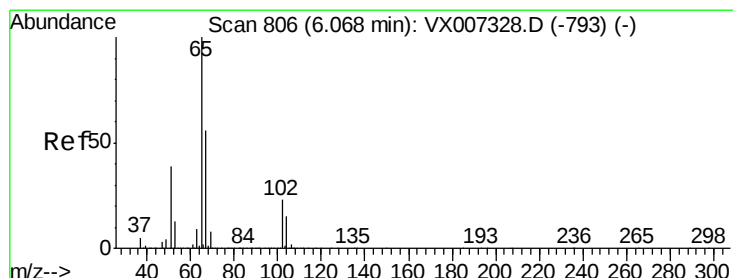
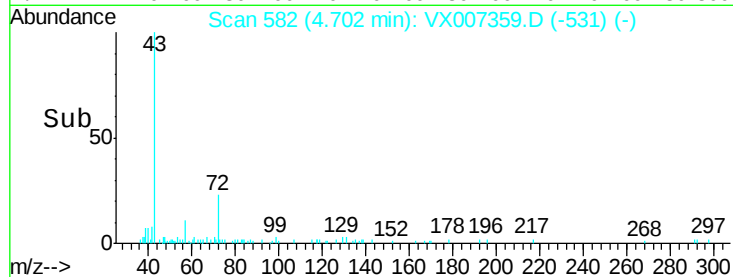
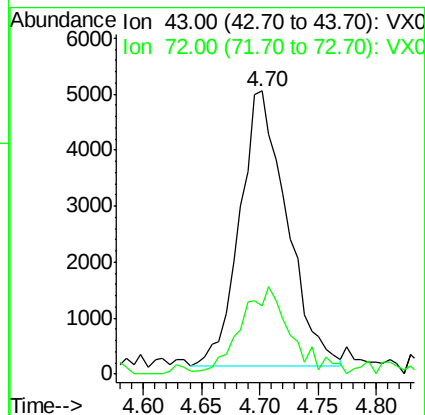
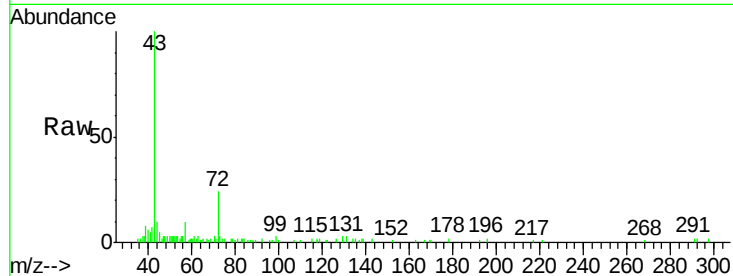
SOIL-PILE

Tot Ion: 43 Resp: 13715

Ion Ratio Lower Upper

43 100

72 23.8 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 50.911 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007359.D

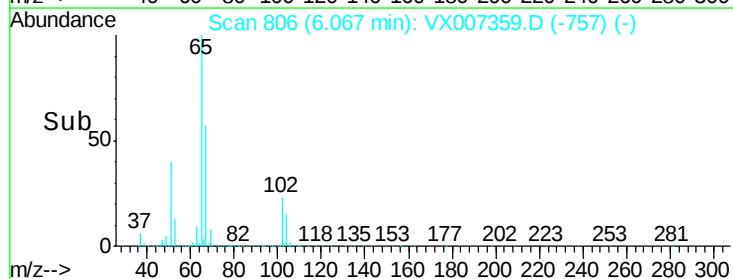
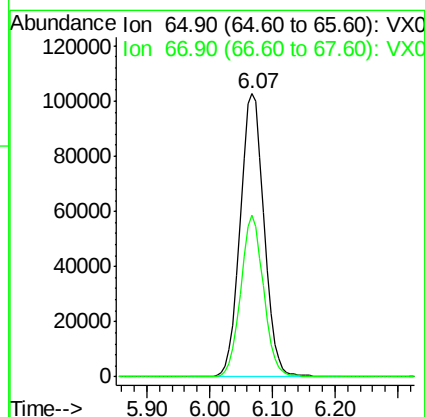
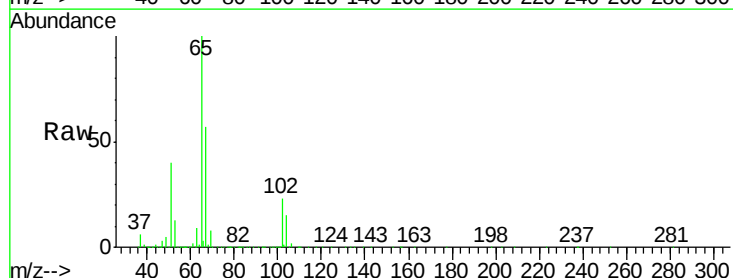
Acq: 04 Feb 2019 15:10

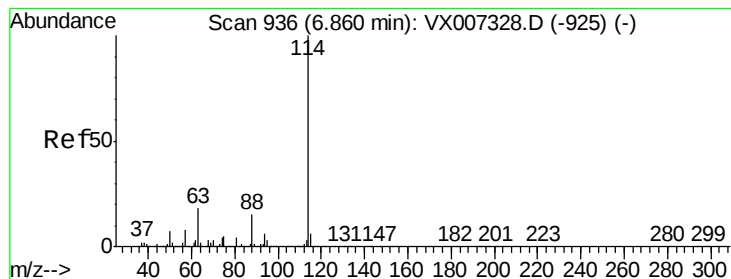
Tgt Ion: 65 Resp: 270934

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

SOIL-PILE

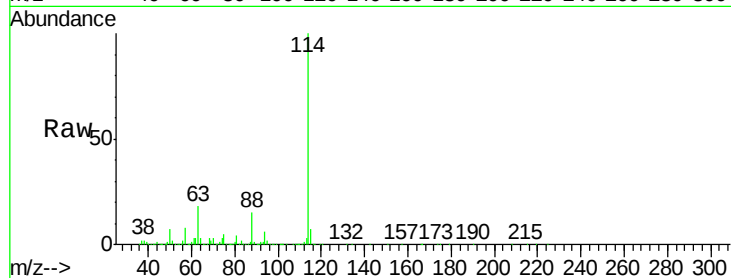
Tot Ion:114 Resp: 780936

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

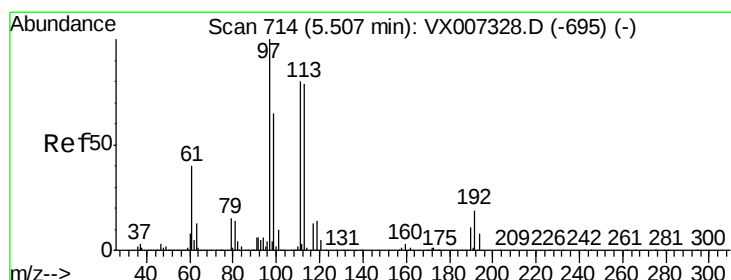
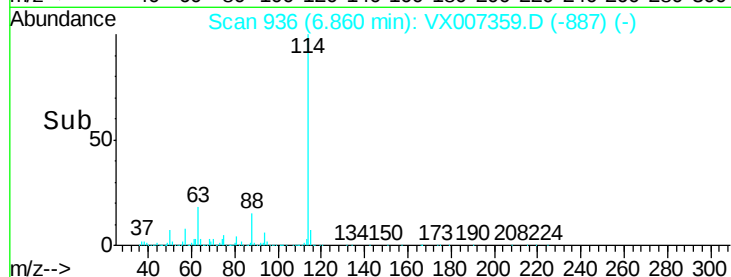
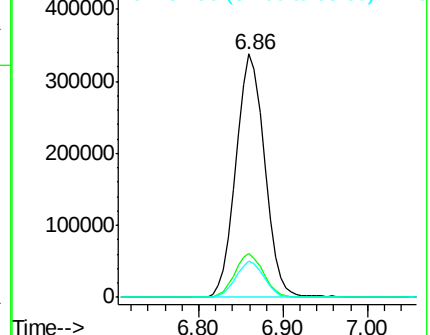
88 15.1 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.293 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

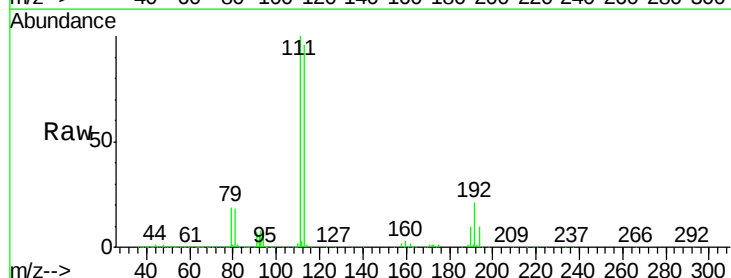
Tgt Ion:113 Resp: 245388

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

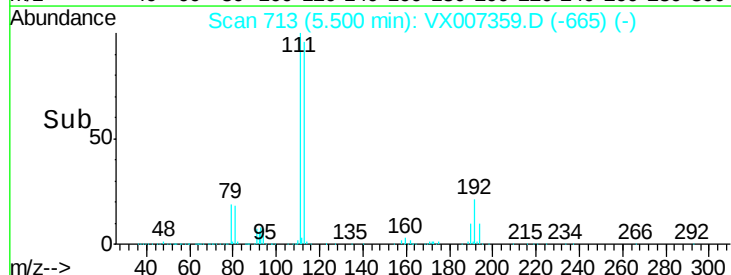
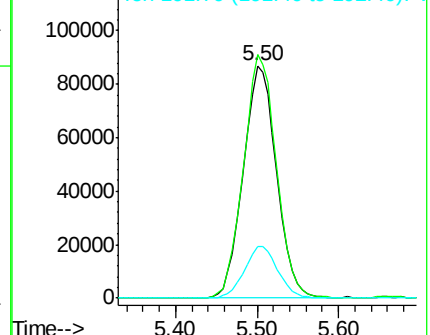
192 22.5 18.5 27.7

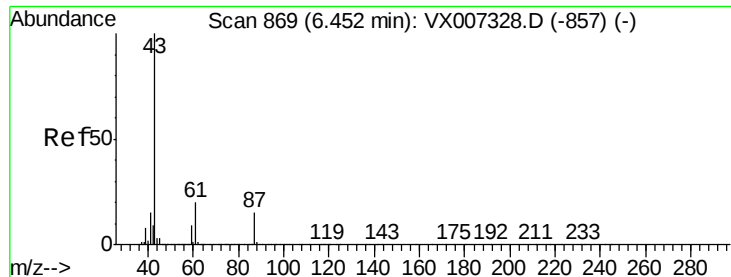


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.562 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampled :

SOIL-PILE

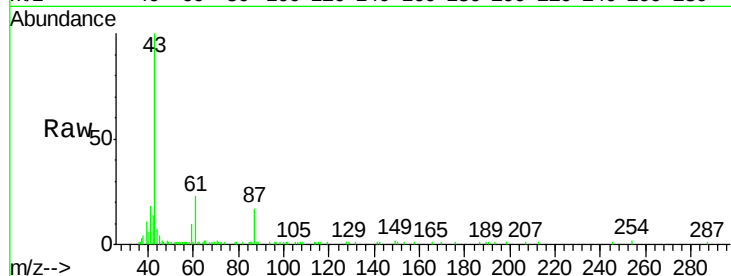
Tot Ion: 43 Resp: 28014

Ion Ratio Lower Upper

43 100

61 21.7 16.1 24.1

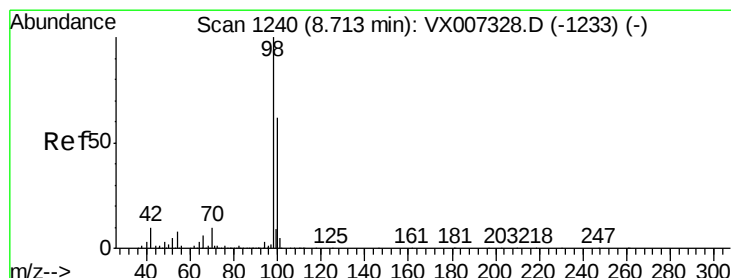
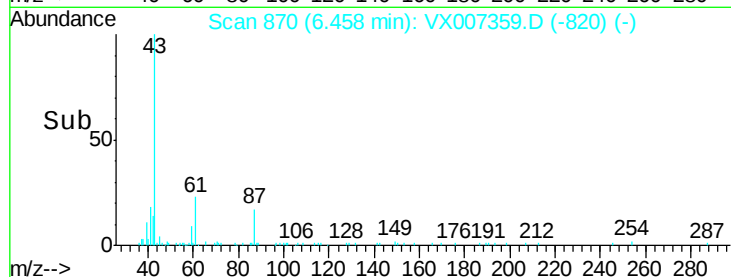
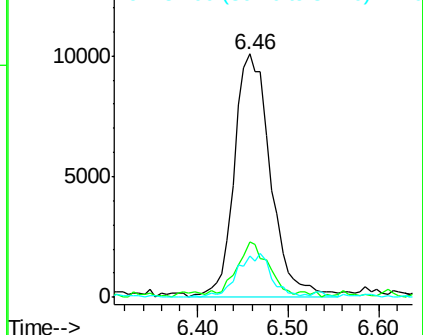
87 16.8 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.773 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007359.D

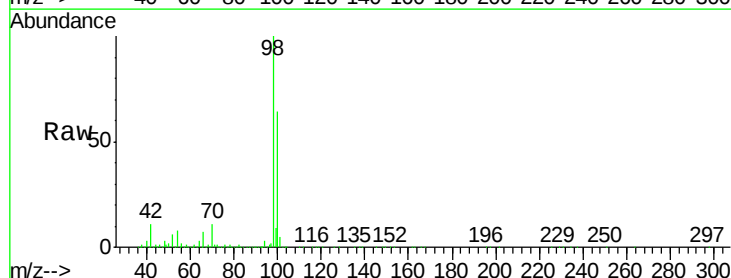
Acq: 04 Feb 2019 15:10

Tgt Ion: 98 Resp: 976051

Ion Ratio Lower Upper

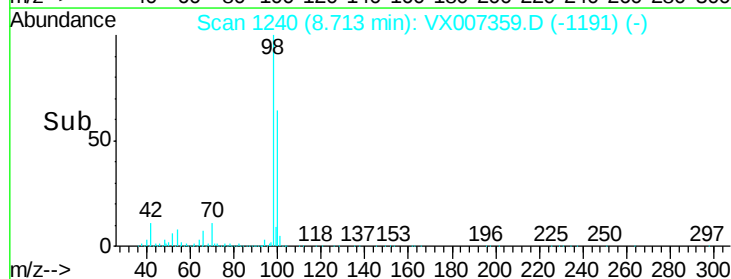
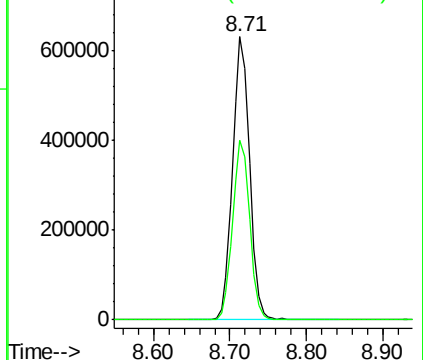
98 100

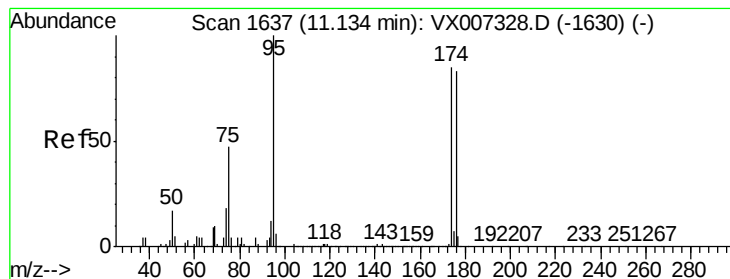
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.262 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

SOIL-PILE

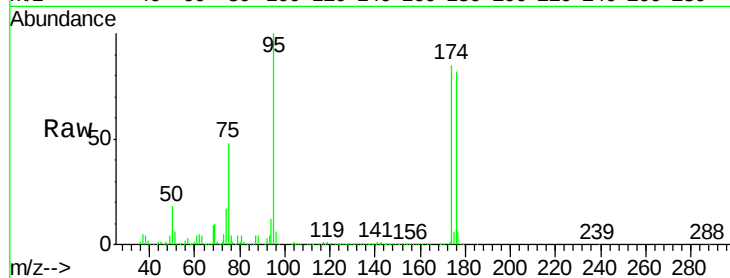
Tot Ion: 95 Resp: 345955

Ion Ratio Lower Upper

95 100

174 93.3 0.0 189.2

176 90.5 0.0 186.2

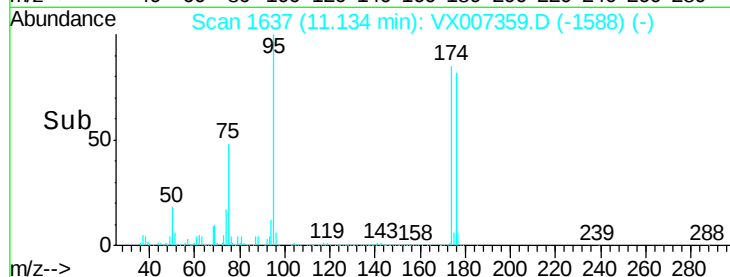


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time-->

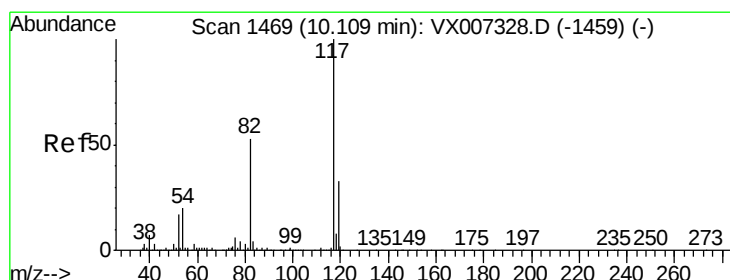


Abundance Ion 94.90 (94.60 to 95.60): VX007359.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007359.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007359.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

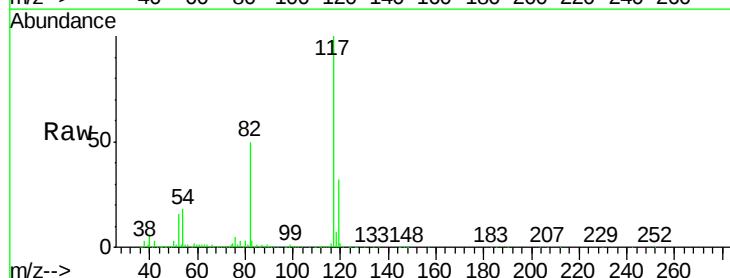
Tgt Ion: 117 Resp: 767090

Ion Ratio Lower Upper

117 100

82 49.7 42.1 63.1

119 32.1 26.5 39.7

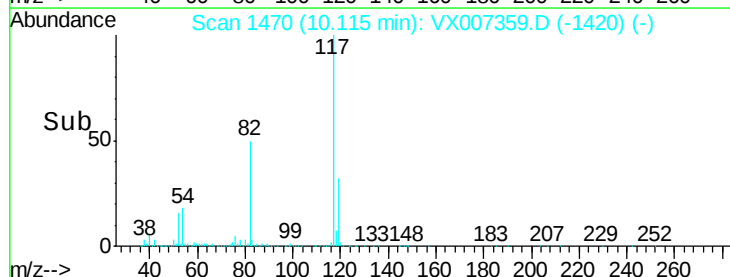


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time-->

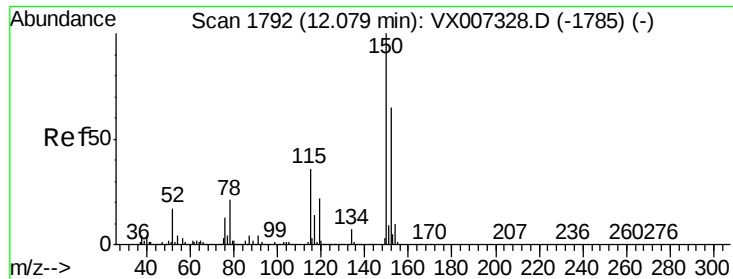


Abundance Ion 116.90 (116.60 to 117.60): VX007359.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007359.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007359.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

SOIL-PILE

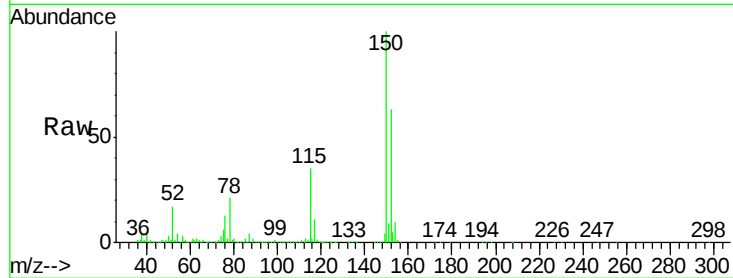
Tot Ion:152 Resp: 370551

Ion Ratio Lower Upper

152 100

115 55.1 38.0 114.0

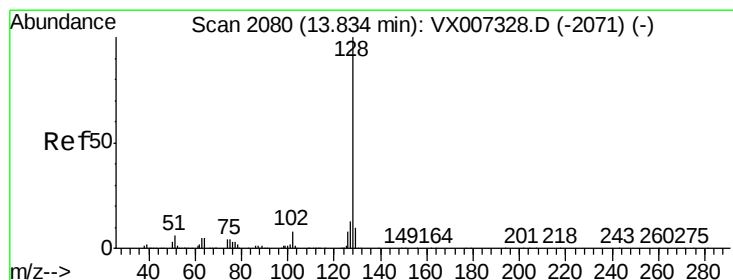
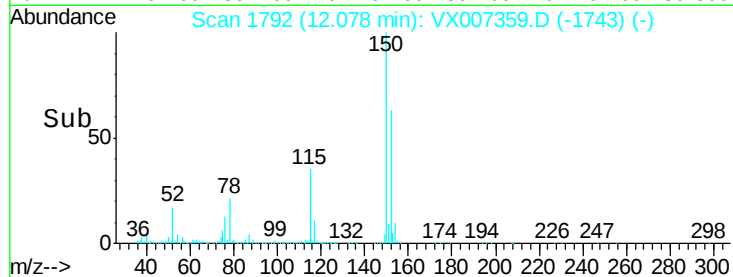
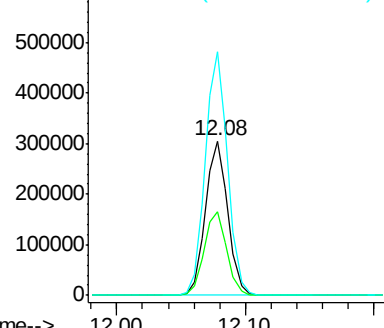
150 158.2 0.0 346.4



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: 1.611 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007359.D

Acq: 04 Feb 2019 15:10

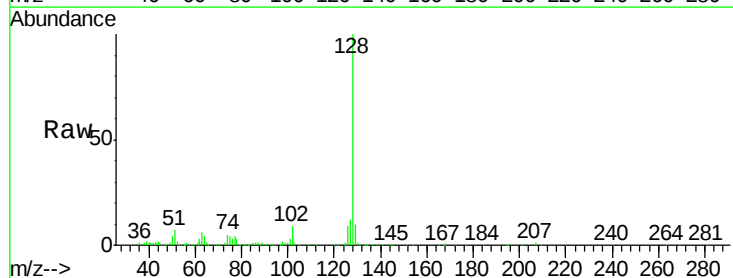
Tgt Ion:128 Resp: 40269

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.9 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

