

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053636.D
 Acq On : 6 Feb 2019 15:50
 Operator : JC/SP
 Sample : K1338-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-020519-A

Quant Time: Feb 07 04:39:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	804199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1307786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1177467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	499460	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	415294	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
35) Dibromofluoromethane	7.59	113	412894	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	1563343	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	518834	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	

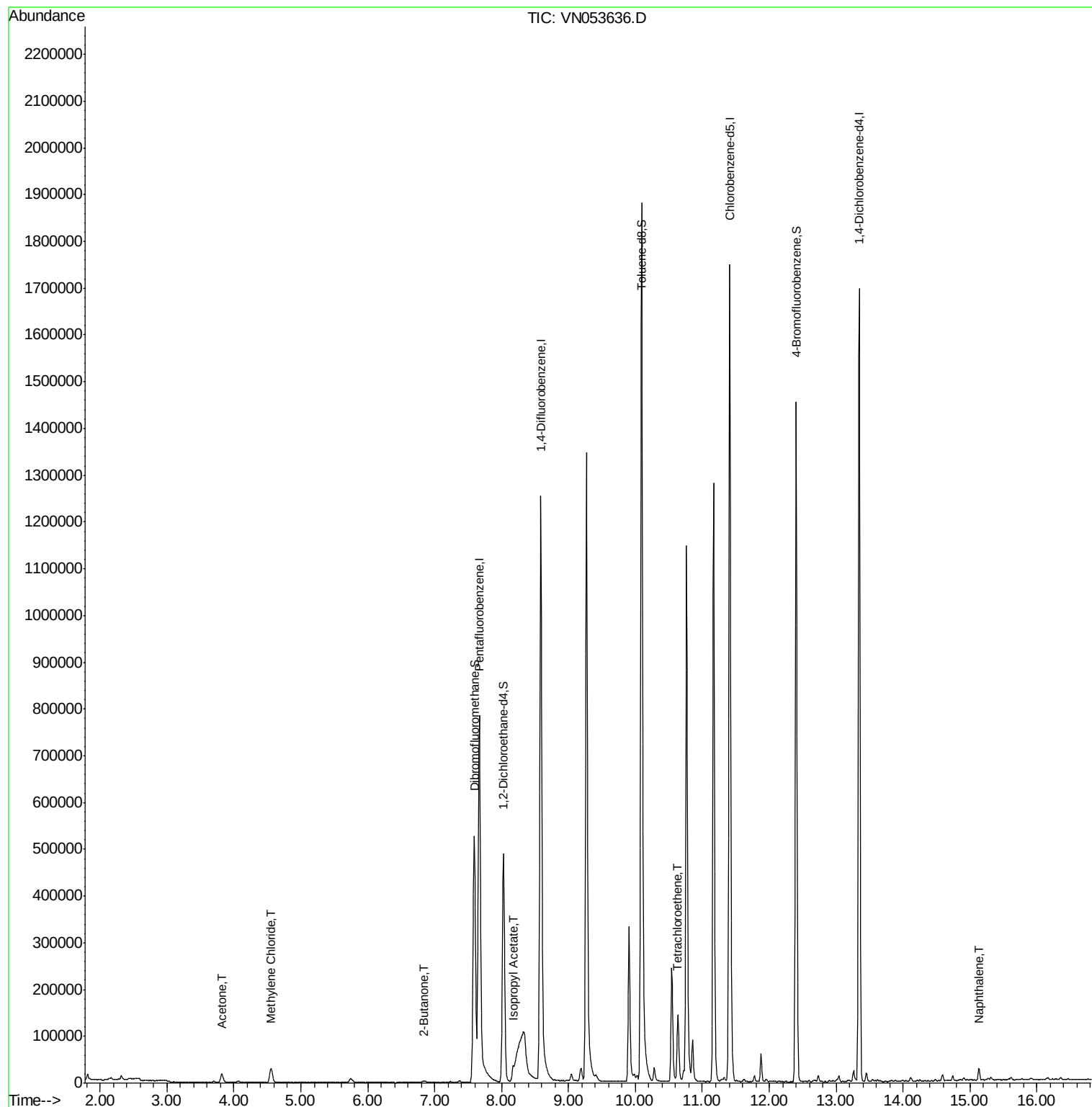
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	32390	15.652	ug/l	95
20) Methylene Chloride	4.55	84	24207	2.788	ug/l	98
25) 2-Butanone	6.85	43	6538	2.215	ug/l #	89
43) Isopropyl Acetate	8.17	43	30473	2.397	ug/l #	84
64) Tetrachloroethene	10.63	164	18248	1.808	ug/l	99
95) Naphthalene	15.13	128	24627	2.820	ug/l	97

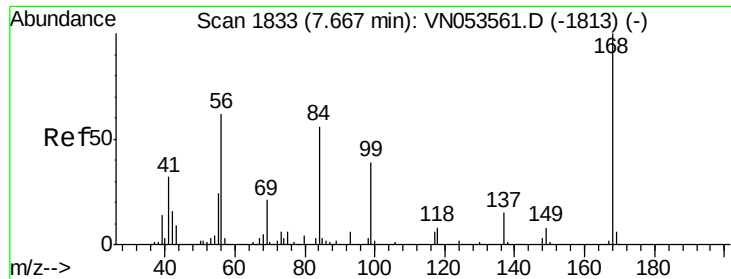
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020619\
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

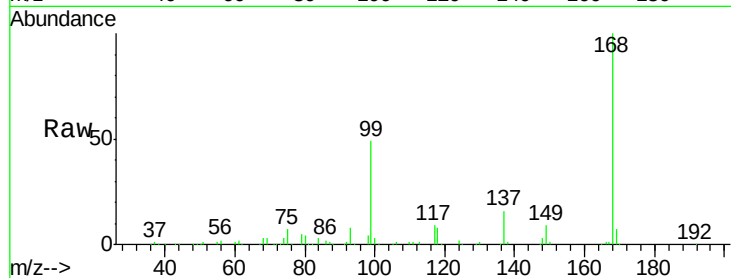
AU-06-020519-A

Tot Ion:168 Resp: 804199

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

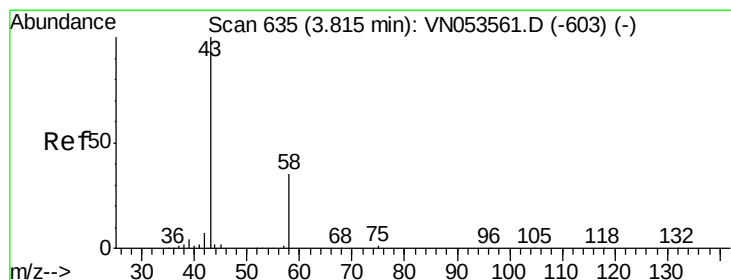
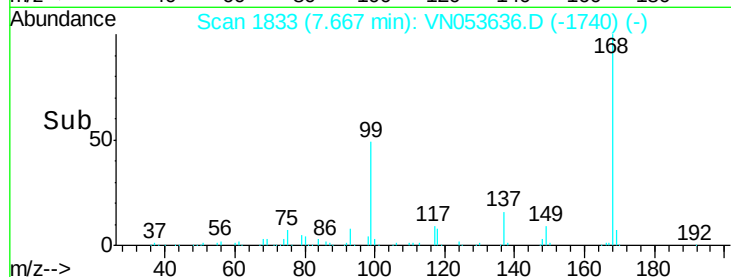
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.652 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053636.D

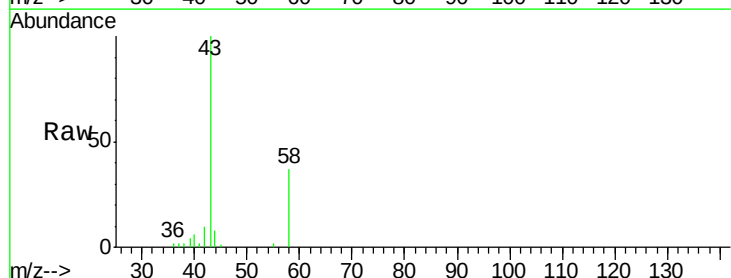
Acq: 6 Feb 2019 15:50

Tgt Ion: 43 Resp: 32390

Ion Ratio Lower Upper

43 100

58 37.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

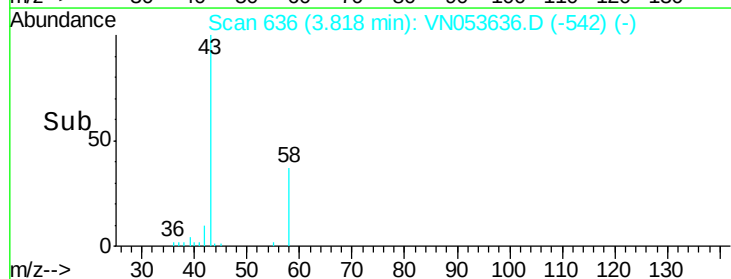
3.82

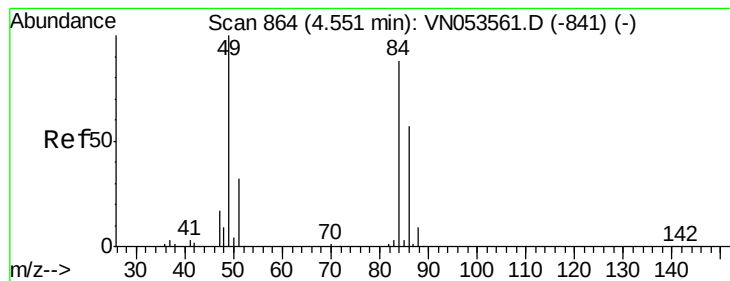
10000

5000

0

Time-->





#20

Methvlene Chloride

Concen: 2.788 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-A

Tot Ion: 84 Resp: 24207

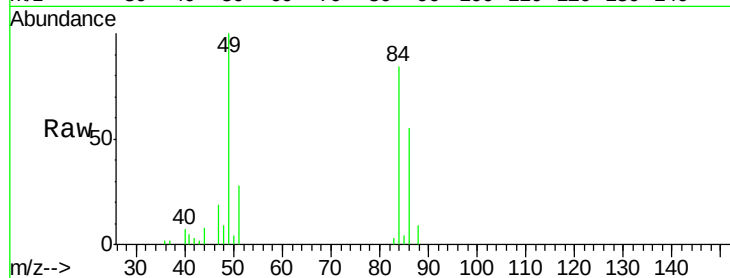
Ion Ratio Lower Upper

84 100

49 118.9 94.3 141.5

51 32.8 29.4 44.2

86 65.4 51.4 77.0

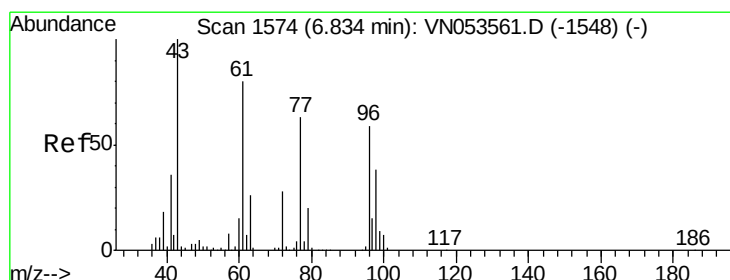
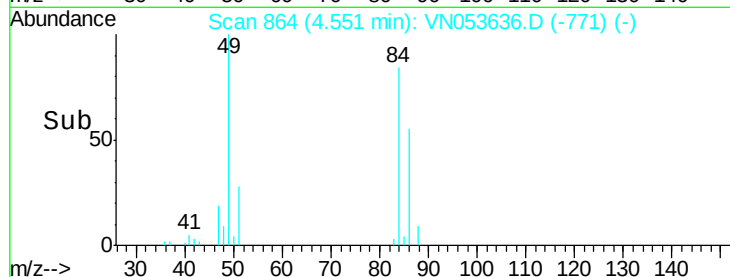
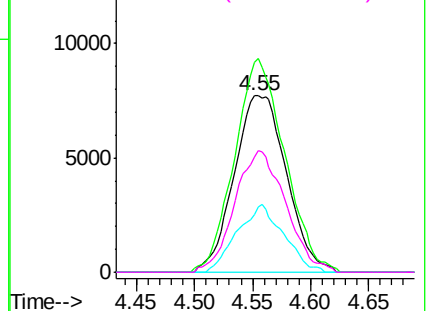


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.215 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.02 min

Lab File: VN053636.D

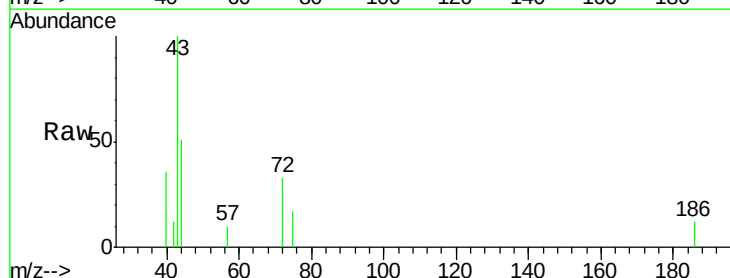
Acq: 6 Feb 2019 15:50

Tgt Ion: 43 Resp: 6538

Ion Ratio Lower Upper

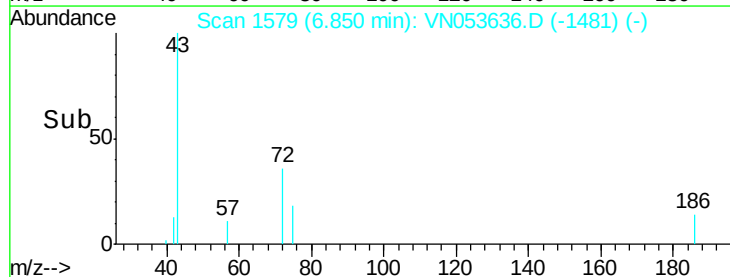
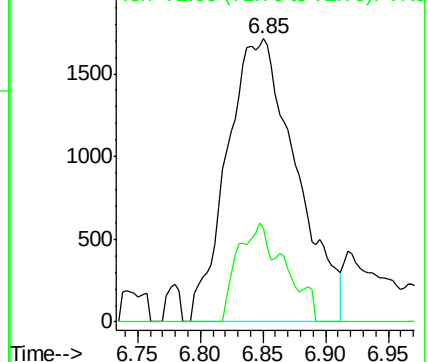
43 100

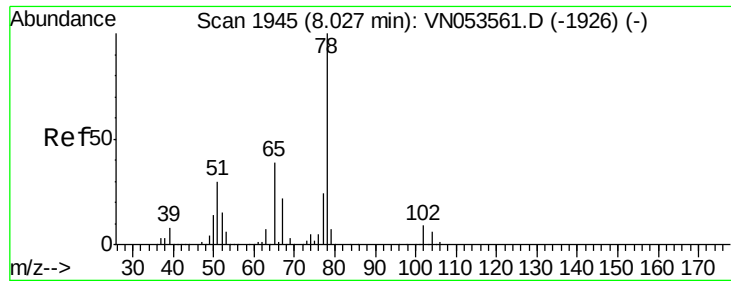
72 33.1 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

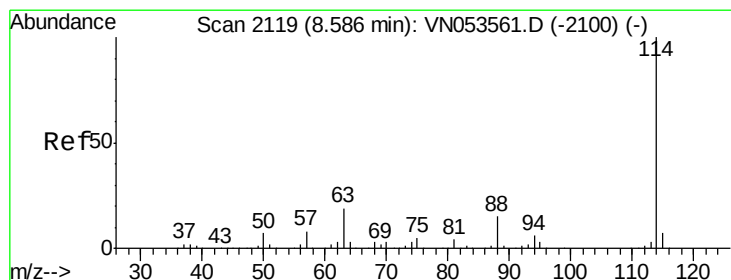
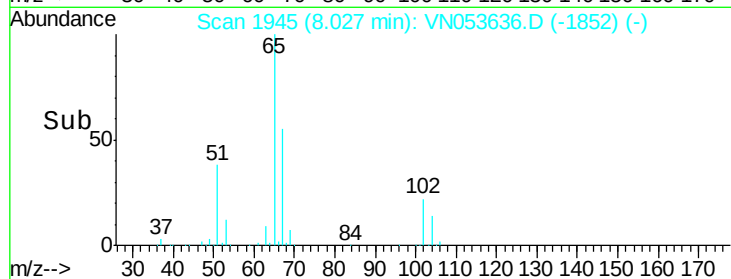
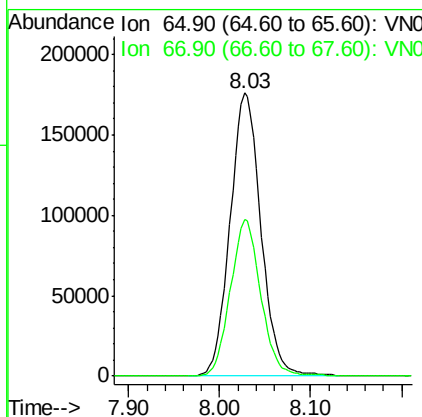
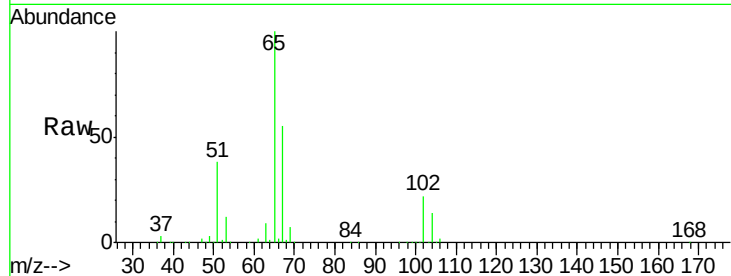




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053636.D
 Acq: 6 Feb 2019 15:50

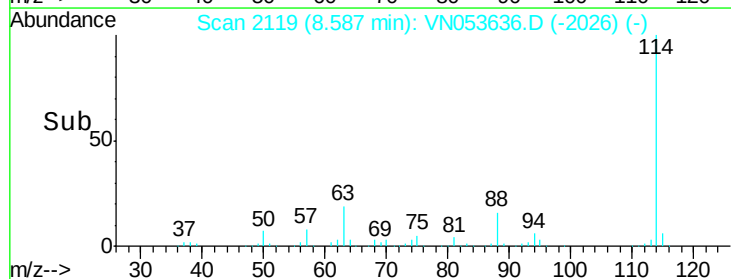
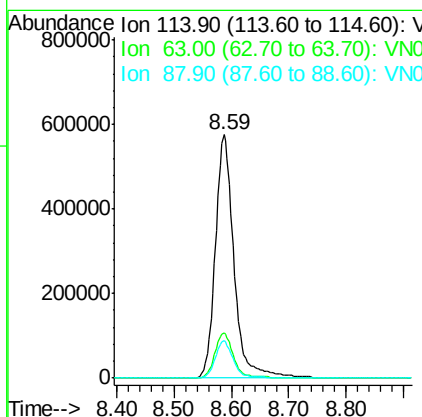
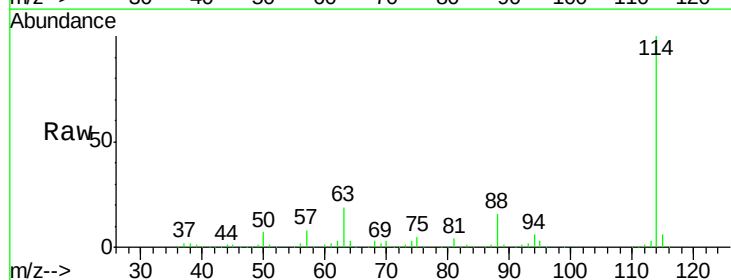
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-020519-A

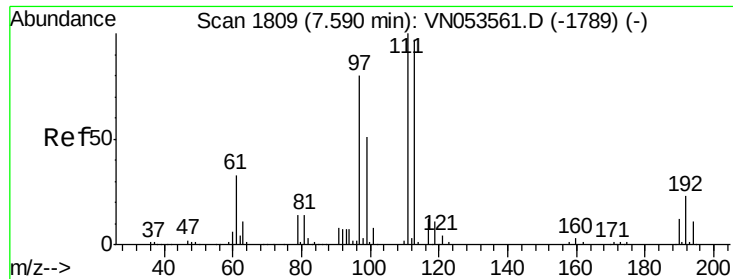
Tot Ion: 65 Resp: 415294
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053636.D
 Acq: 6 Feb 2019 15:50

Tgt Ion: 114 Resp: 1307786
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.5 0.0 30.4

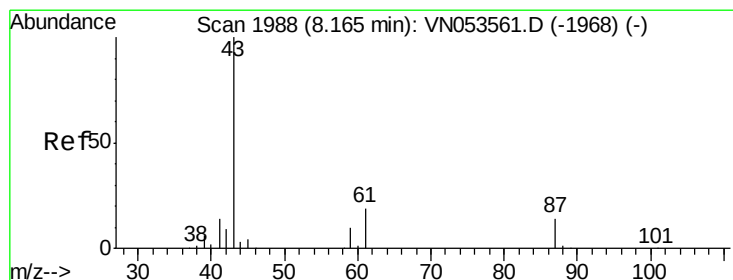
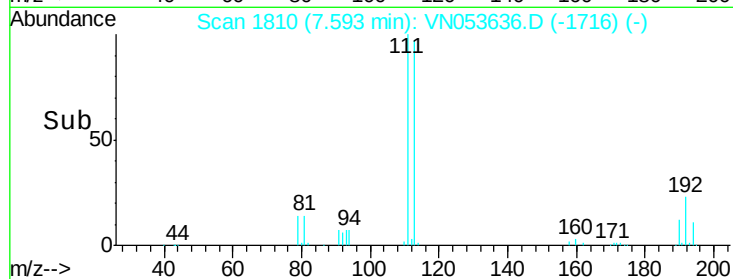
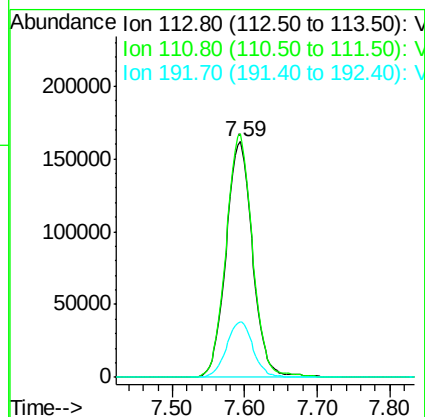
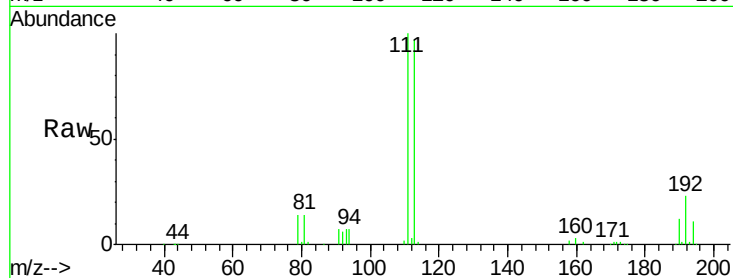




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

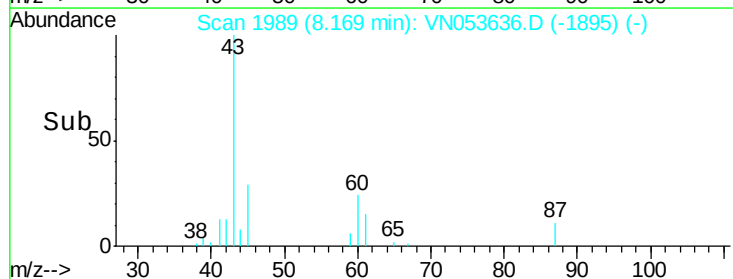
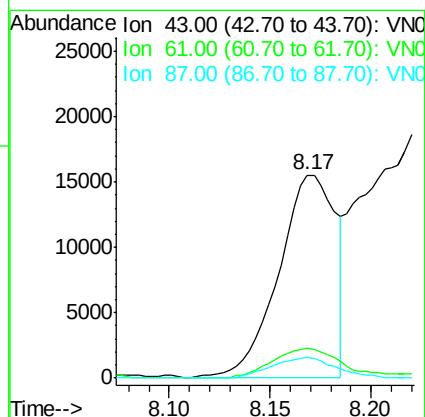
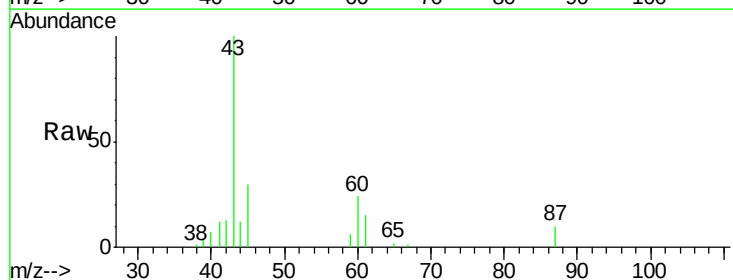
Instrument :
MSVOA_N
ClientSampleId :
AU-06-020519-A

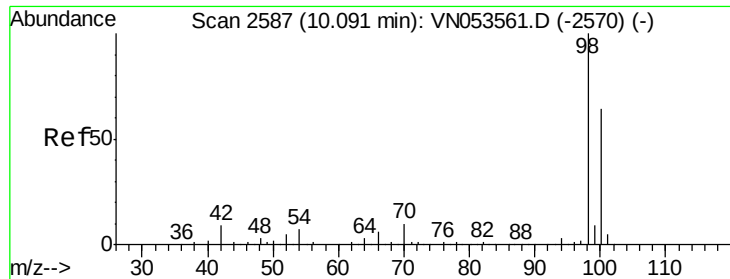
Tot Ion:113 Resp: 412894
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 23.6 18.2 27.2



#43
Isopropyl Acetate
Concen: 2.397 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

Tgt Ion: 43 Resp: 30473
Ion Ratio Lower Upper
43 100
61 18.4 23.9 35.9#
87 11.4 11.0 16.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

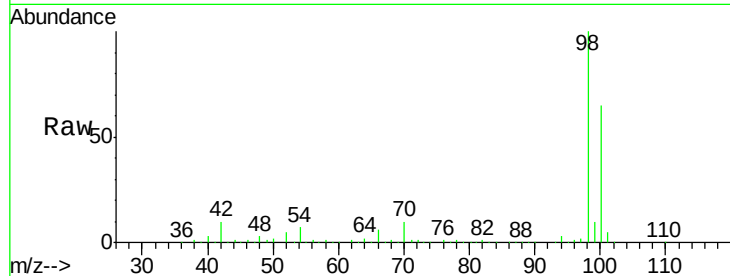
AU-06-020519-A

Tot Ion: 98 Resp: 1563343

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

800000

600000

400000

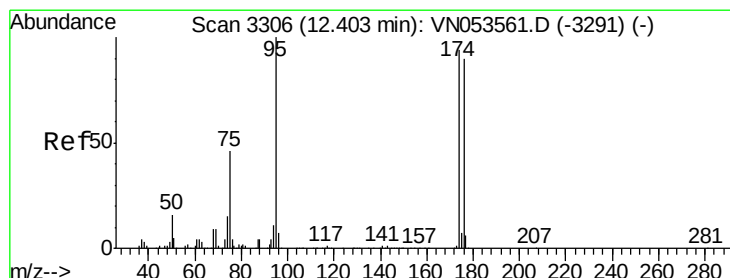
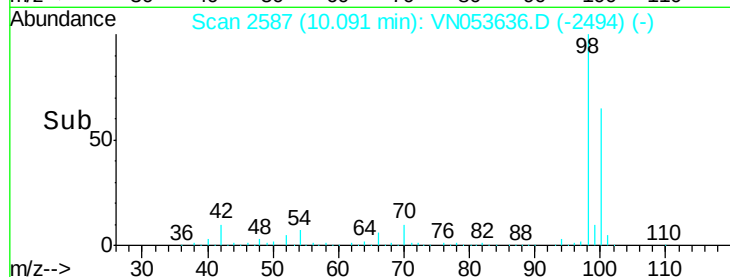
200000

0

10.00

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

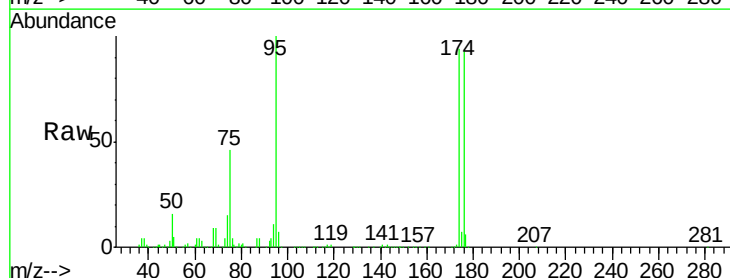
Tgt Ion: 95 Resp: 518834

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.2

176 90.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

200000

100000

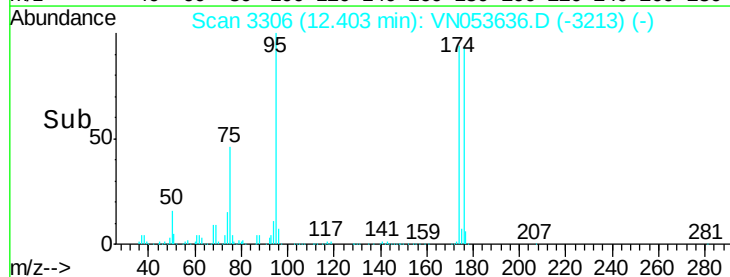
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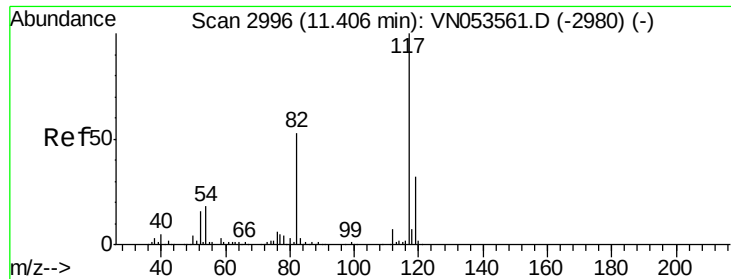
12.30

12.40

12.50

Time-->

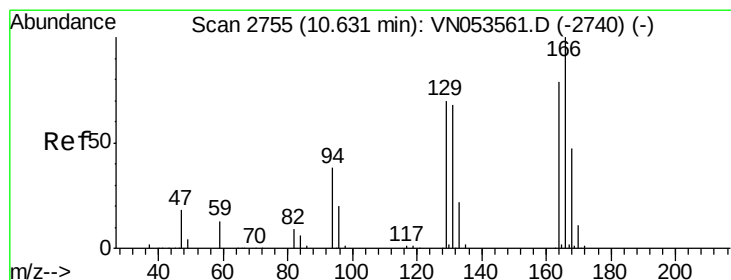
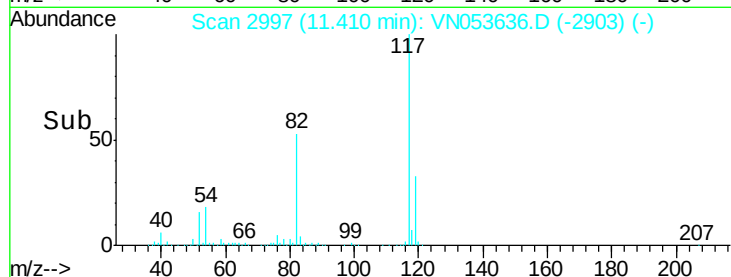
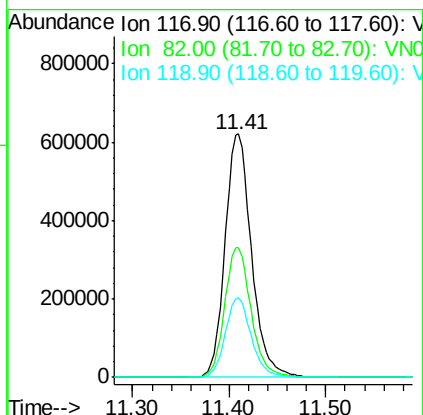
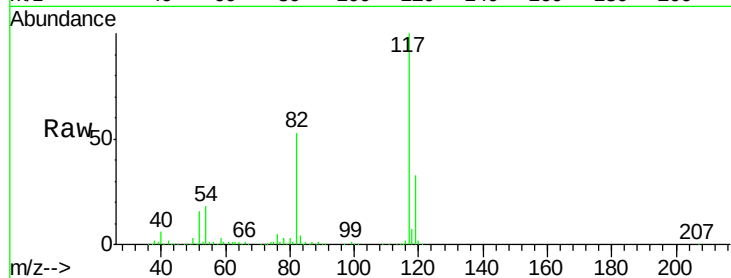




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

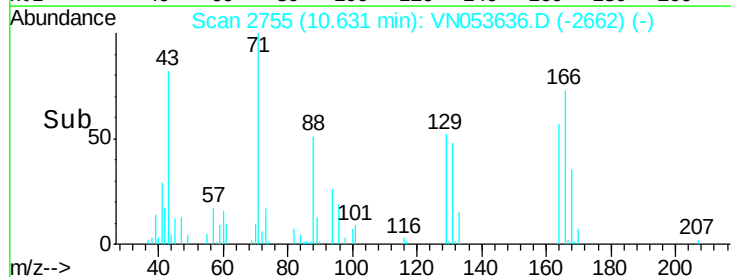
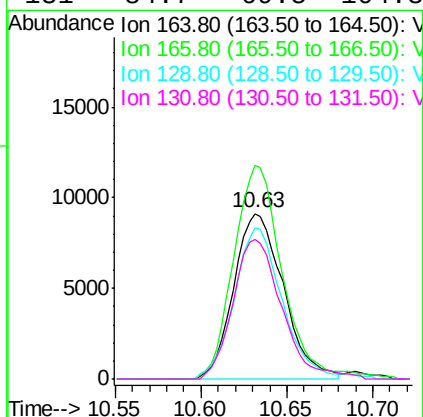
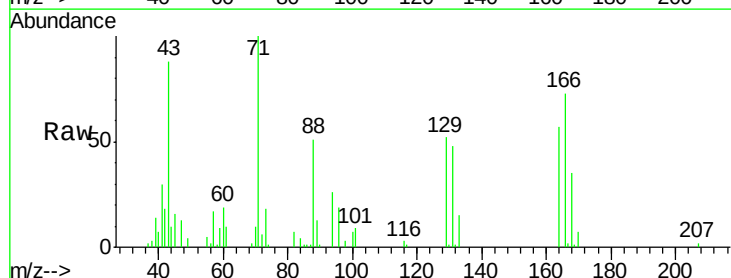
Instrument :
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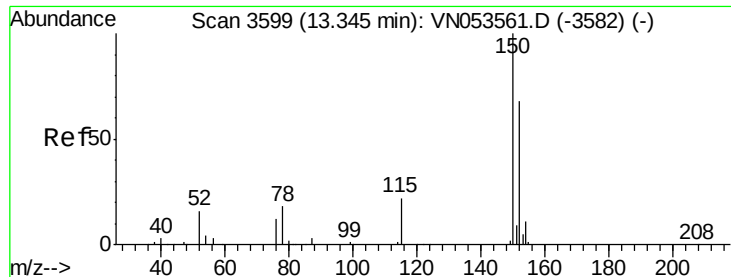
Tot Ion:117 Resp: 1177467
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 1.808 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053636.D
Acq: 6 Feb 2019 15:50

Tgt Ion:164 Resp: 18248
Ion Ratio Lower Upper
164 100
166 129.2 102.2 153.4
129 91.1 72.6 109.0
131 84.7 69.5 104.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

AU-06-020519-A

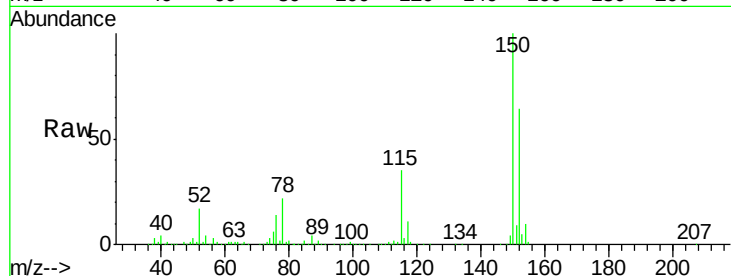
Tot Ion:152 Resp: 499460

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

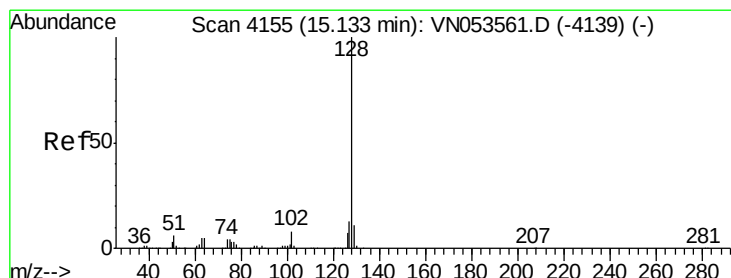
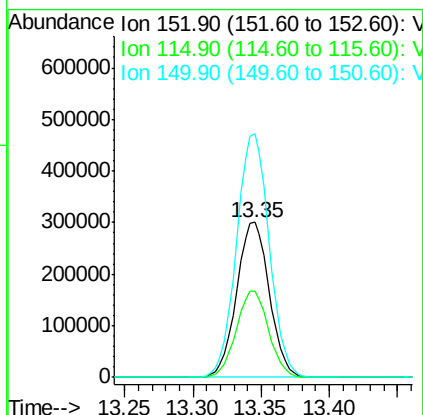
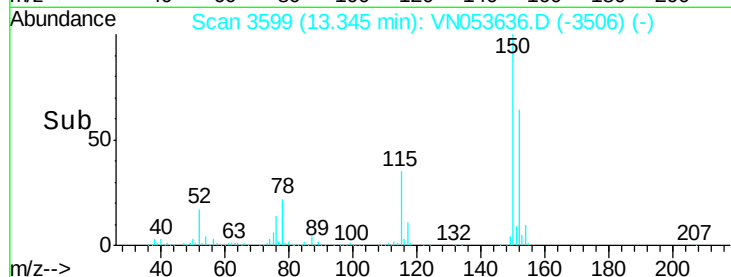
150 157.3 0.0 349.0



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: 2.820 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053636.D

Acq: 6 Feb 2019 15:50

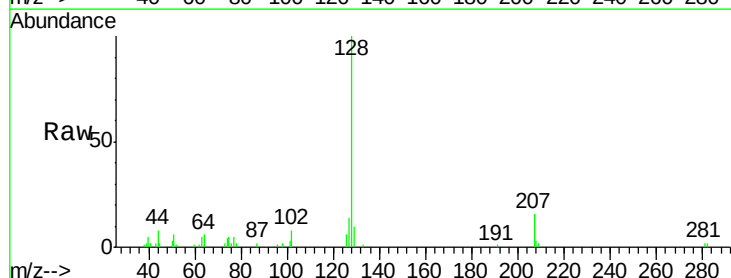
Tgt Ion:128 Resp: 24627

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 8.9 8.6 13.0



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

