

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064464.D
 Acq On : 5 Nov 2020 16:30
 Operator : JC/MD
 Sample : L4624-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Nov 06 03:31:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

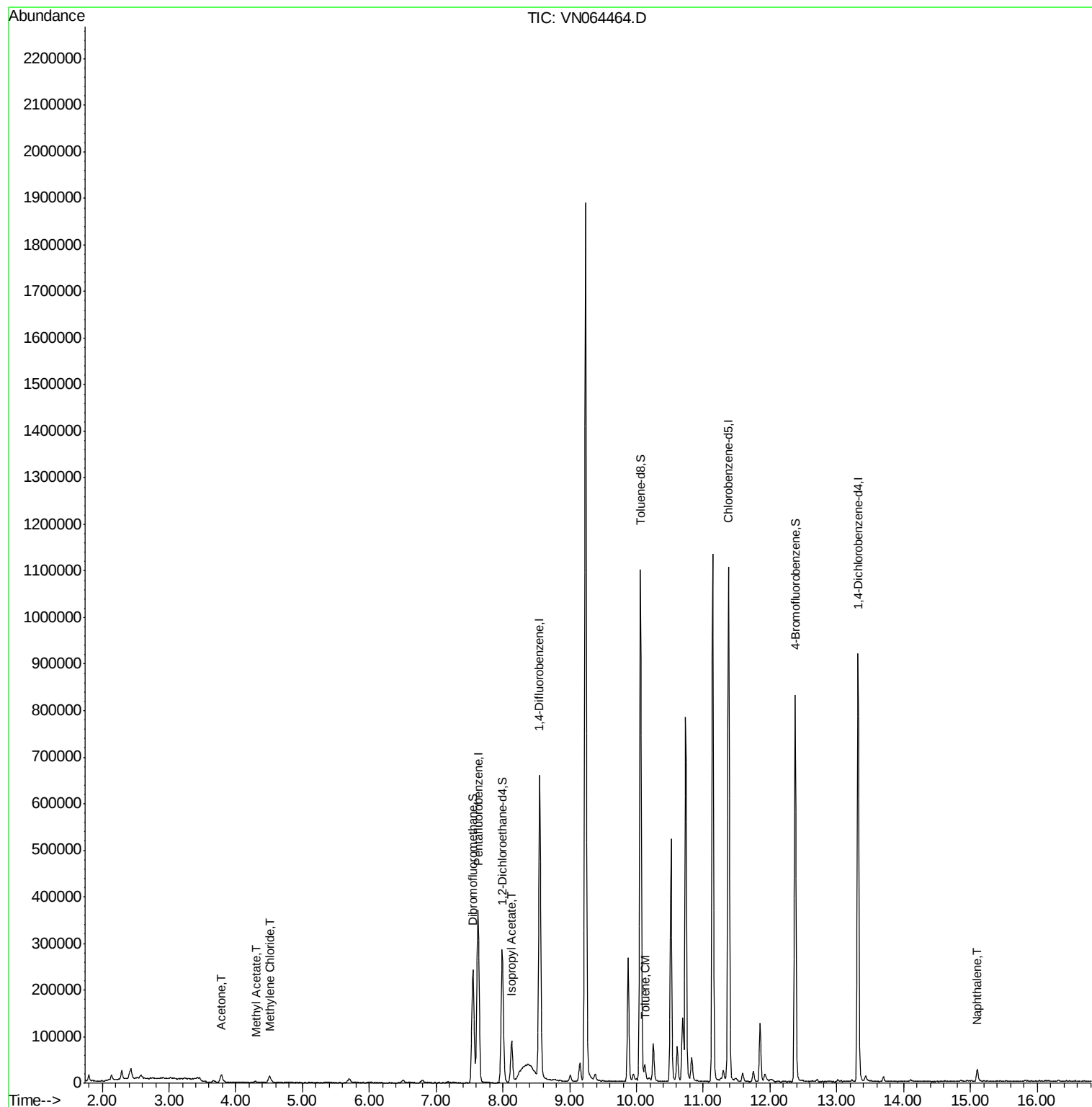
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	267312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	543878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	588880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	252922	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	7.55	113	184152	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	10.06	98	711771	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.38	95	283398	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
Target Compounds						
16) Acetone	3.78	43	27234	15.355	ug/l	100
18) Methyl Acetate	4.30	43	4873	1.398	ug/l #	82
20) Methylene Chloride	4.51	84	9046	2.571	ug/l	97
43) Isopropyl Acetate	8.13	43	106254	11.411	ug/l	99
52) Toluene	10.13	92	14132	1.372	ug/l	97
95) Naphthalene	15.11	128	22775	5.350	ug/l	97

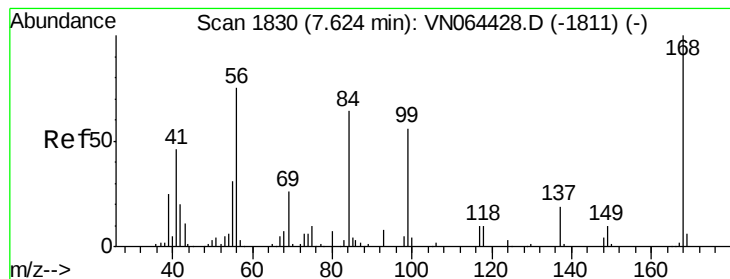
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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COMP-2

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

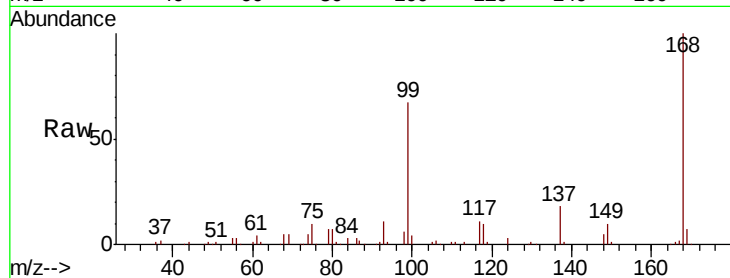
COMP-2

Tot Ion:168 Resp: 267312

Ion Ratio Lower Upper

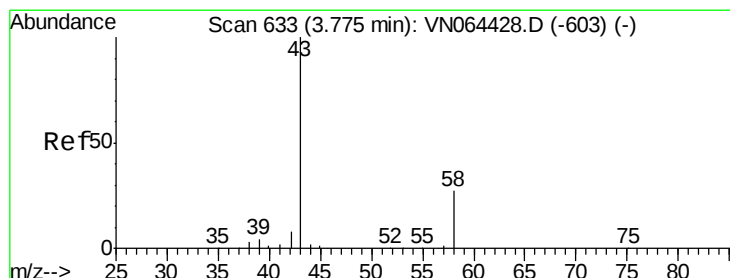
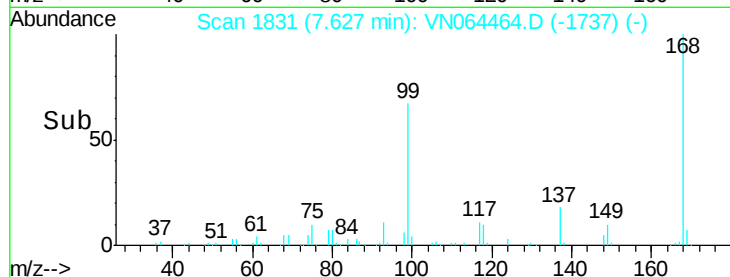
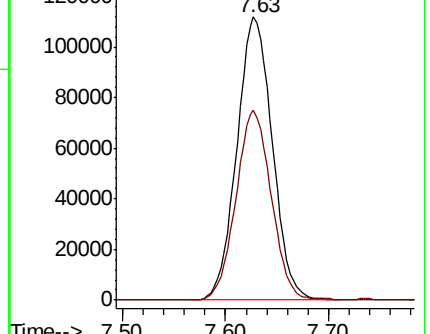
168 100

99 66.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 15.355 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064464.D

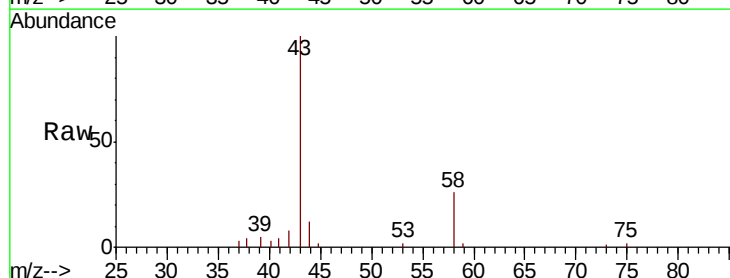
Acq: 5 Nov 2020 16:30

Tgt Ion: 43 Resp: 27234

Ion Ratio Lower Upper

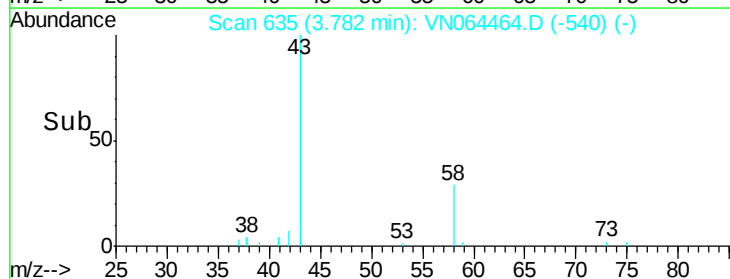
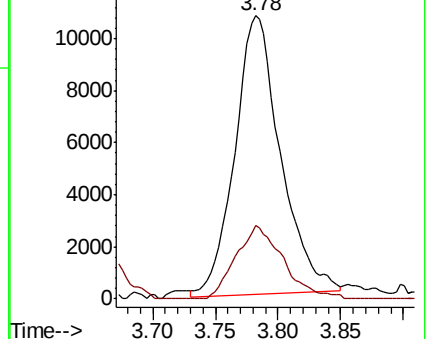
43 100

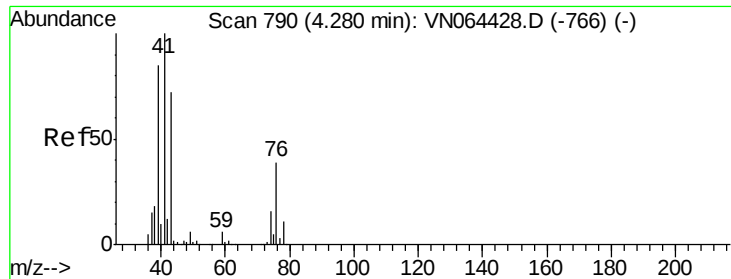
58 26.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

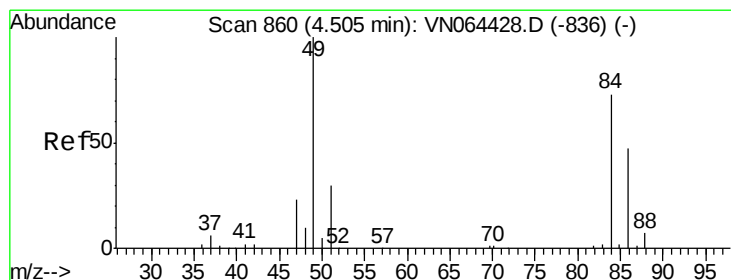
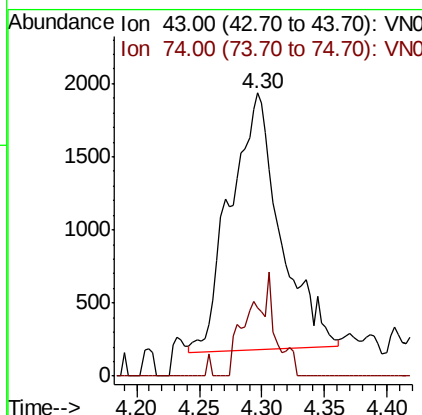
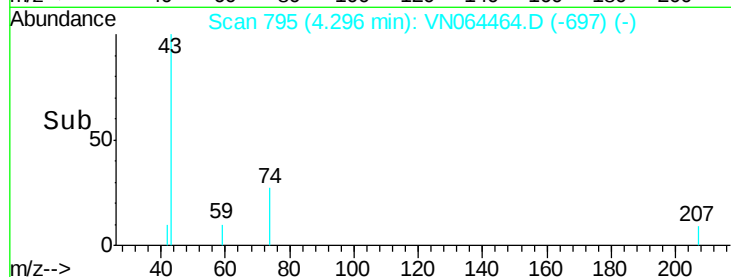
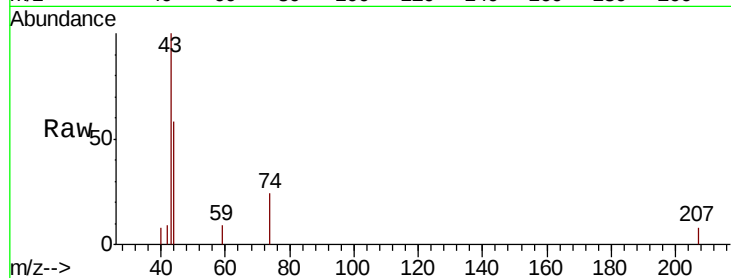




#18
Methyl Acetate
Concen: 1.398 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064464.D
Acq: 5 Nov 2020 16:30

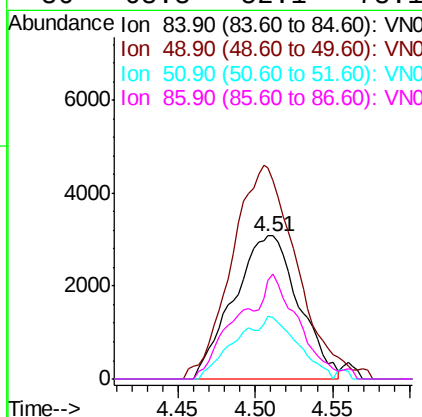
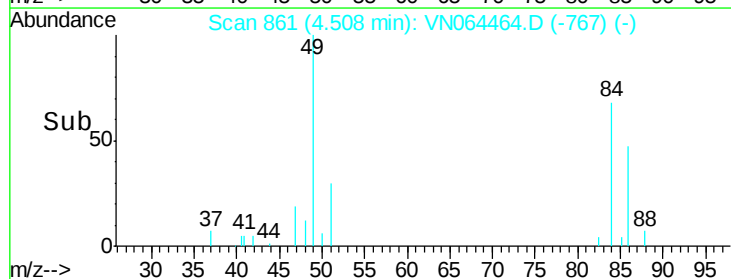
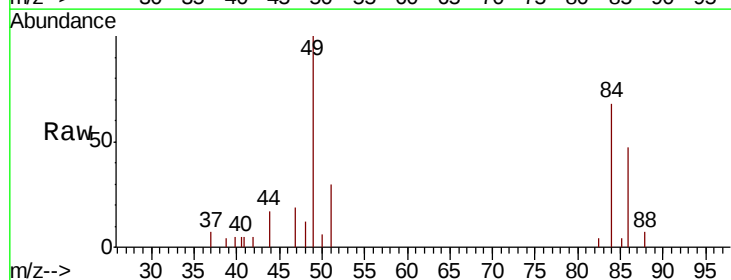
Instrument :
MSVOA_N
ClientSampled :
COMP-2

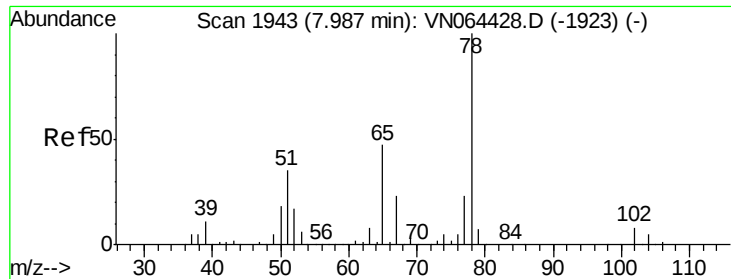
Tot Ion: 43 Resp: 4873
Ion Ratio Lower Upper
43 100
74 12.5 17.0 25.4#



#20
Methylene Chloride
Concen: 2.571 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064464.D
Acq: 5 Nov 2020 16:30

Tgt Ion: 84 Resp: 9046
Ion Ratio Lower Upper
84 100
49 140.4 110.1 165.1
51 43.6 33.6 50.4
86 68.8 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 54.320 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

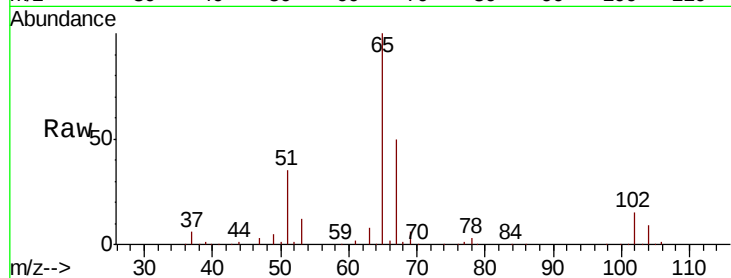
COMP-2

Tot Ion: 65 Resp: 252922

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

7.99

120000

100000

80000

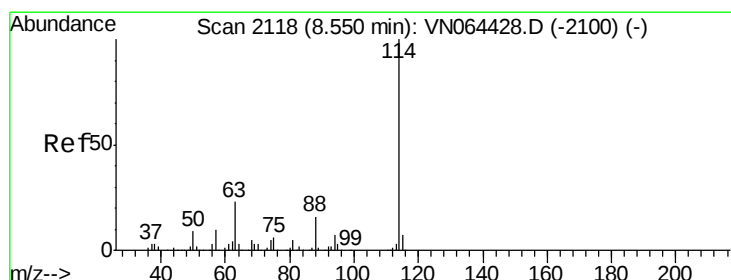
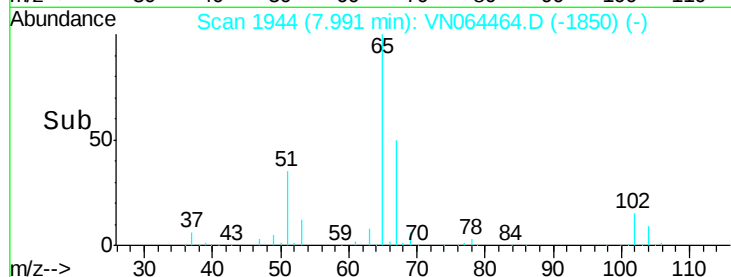
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

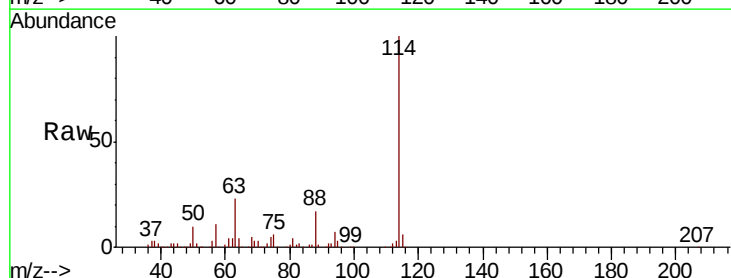
Tgt Ion: 114 Resp: 543878

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

88 16.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

8.55

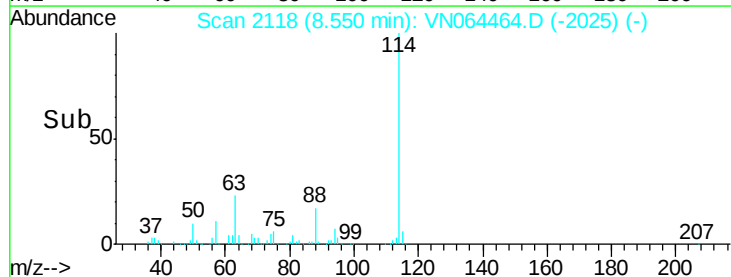
300000

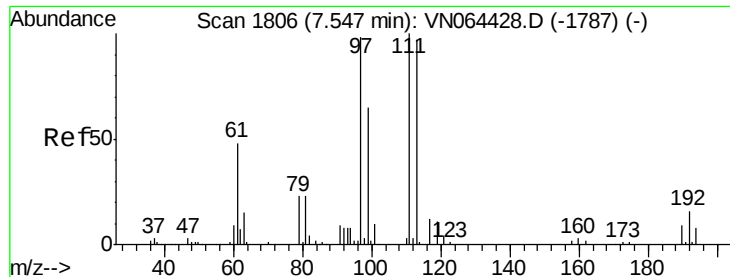
200000

100000

0

Time-->

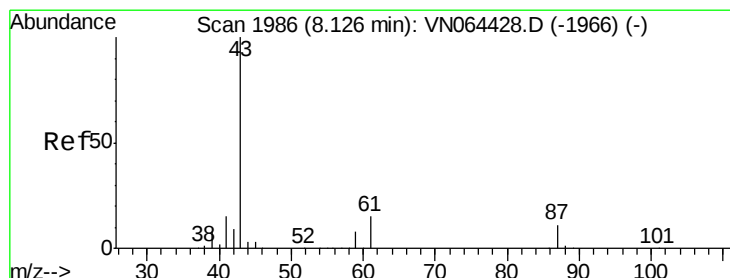
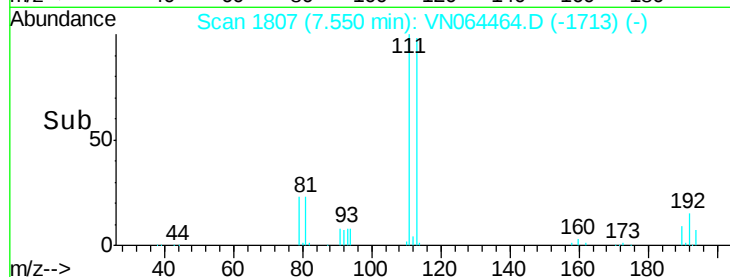
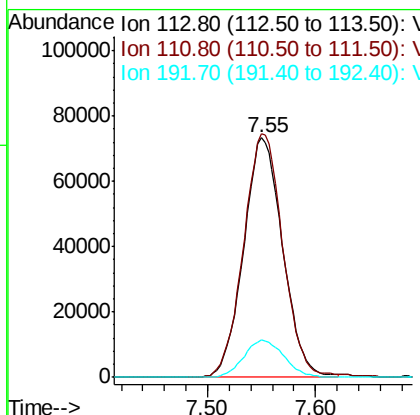
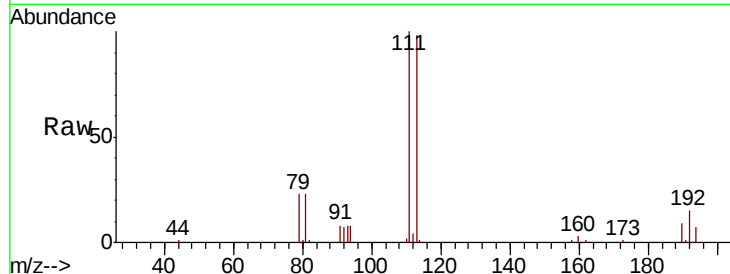




#35
 Dibromofluoromethane
 Concen: 49.730 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064464.D
 Acq: 5 Nov 2020 16:30

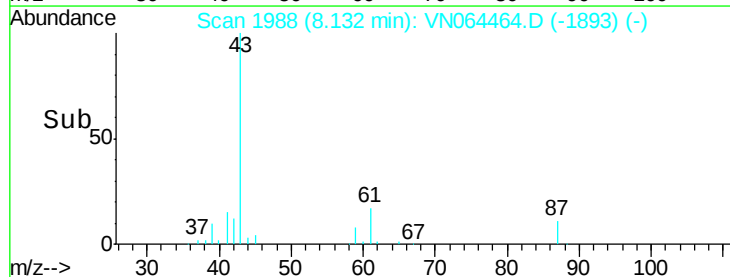
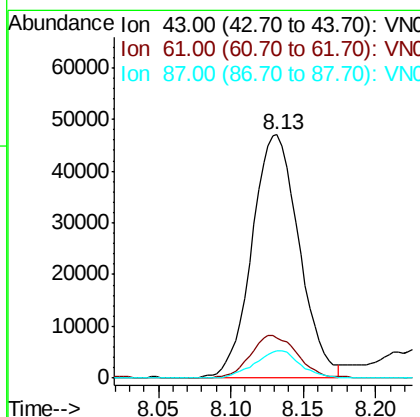
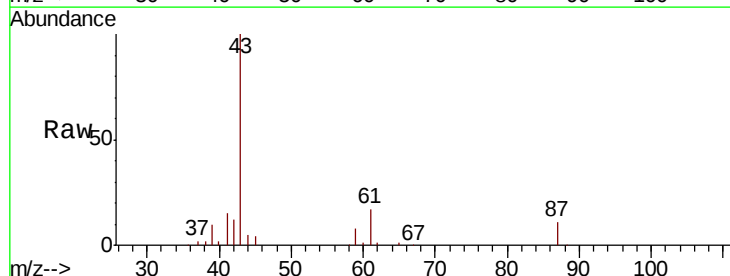
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

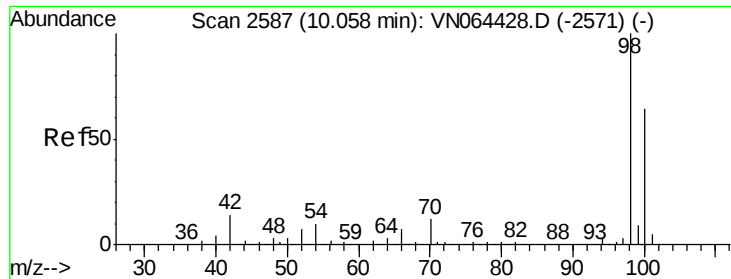
Tot Ion:113 Resp: 184152
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.1 121.7
 192 16.1 12.8 19.2



#43
 Isopropyl Acetate
 Concen: 11.411 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064464.D
 Acq: 5 Nov 2020 16:30

Tgt Ion: 43 Resp: 106254
 Ion Ratio Lower Upper
 43 100
 61 17.5 14.0 21.0
 87 10.8 9.1 13.7





#50

Toluene-d8

Concen: 49.731 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

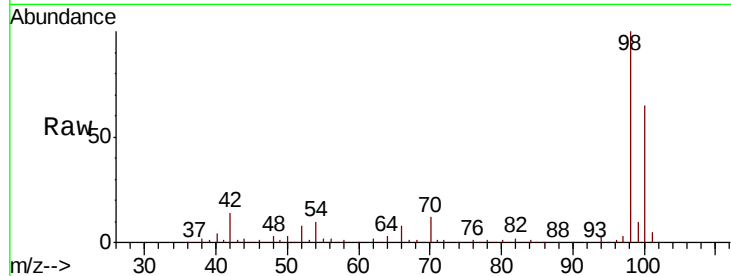
COMP-2

Tot Ion: 98 Resp: 711771

Ion Ratio Lower Upper

98 100

100 64.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

400000

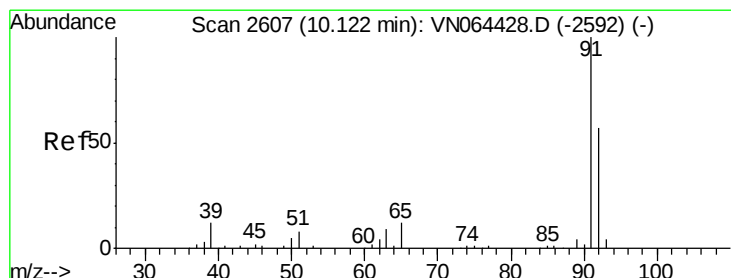
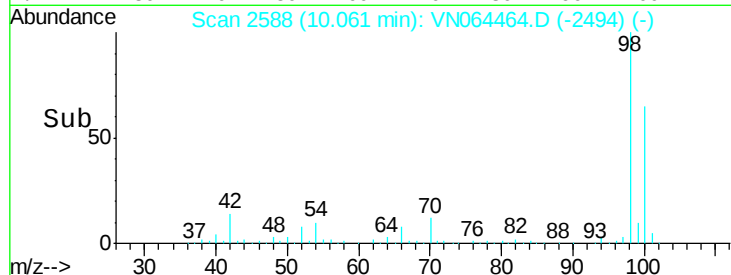
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 1.372 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064464.D

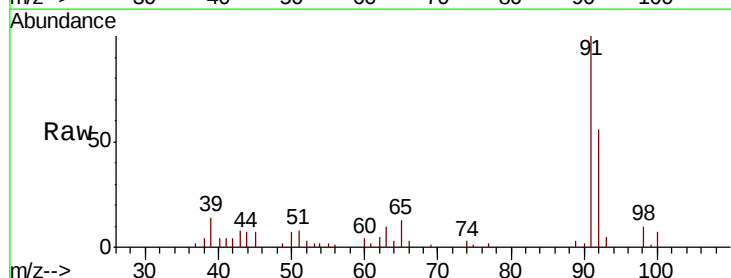
Acq: 5 Nov 2020 16:30

Tgt Ion: 92 Resp: 14132

Ion Ratio Lower Upper

92 100

91 170.7 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

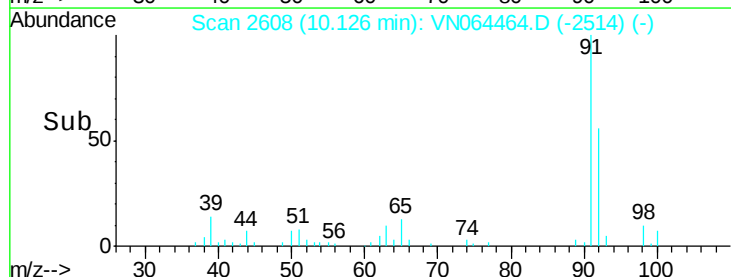
15000

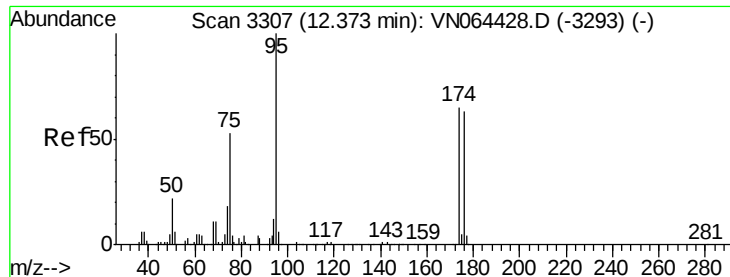
10000

5000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.357 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

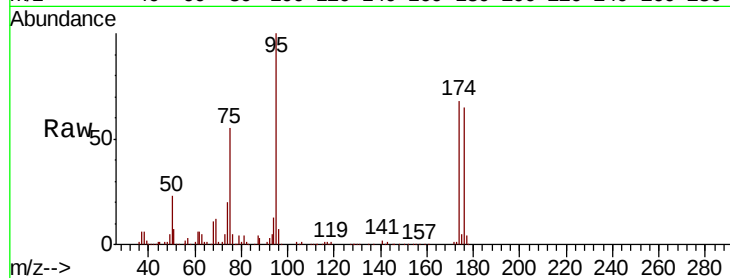
Tot Ion: 95 Resp: 283398

Ion Ratio Lower Upper

95 100

174 69.1 0.0 132.6

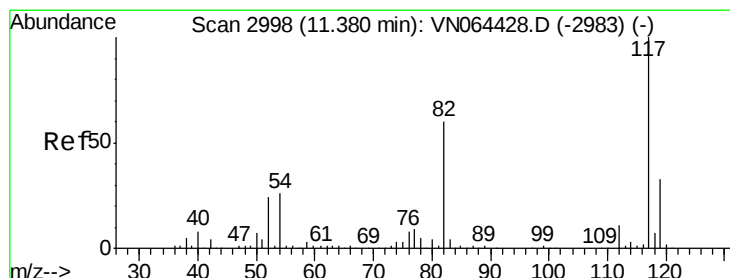
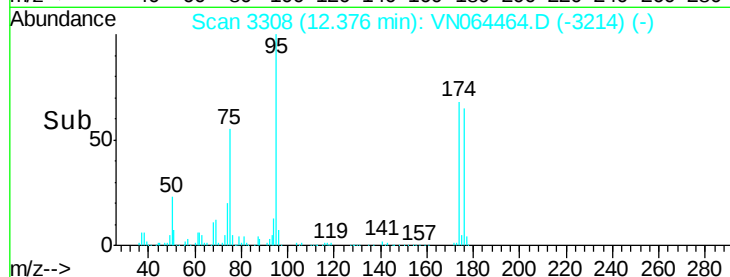
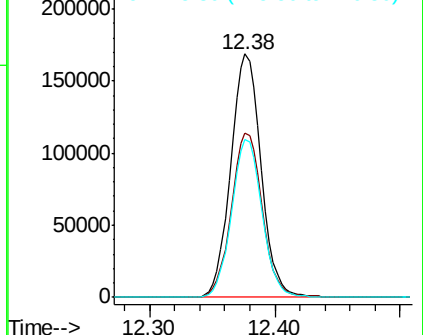
176 65.2 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

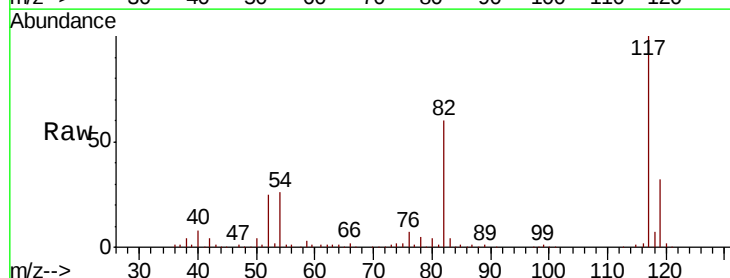
Tgt Ion: 117 Resp: 588880

Ion Ratio Lower Upper

117 100

82 60.0 48.1 72.1

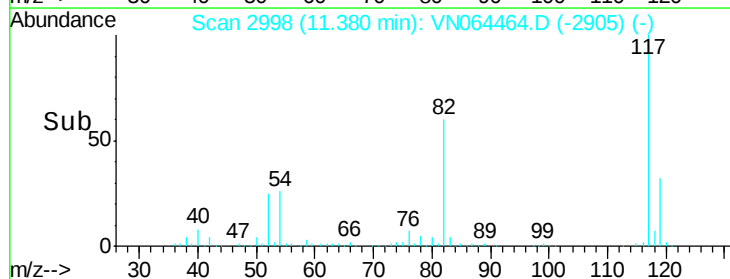
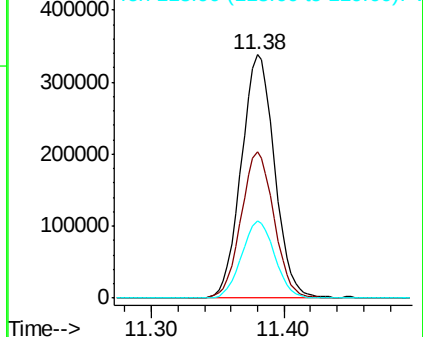
119 31.5 26.2 39.4

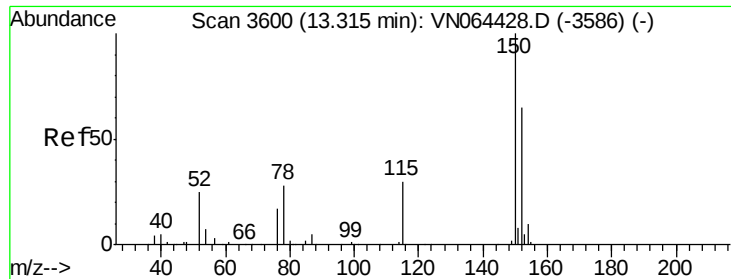


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

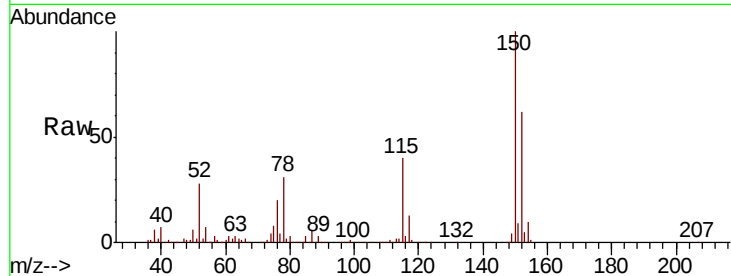
Tot Ion:152 Resp: 222959

Ion Ratio Lower Upper

152 100

115 65.6 32.0 96.0

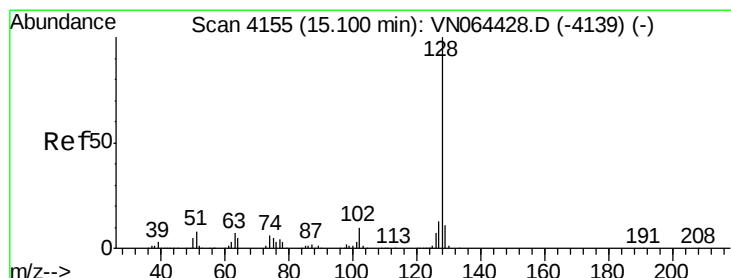
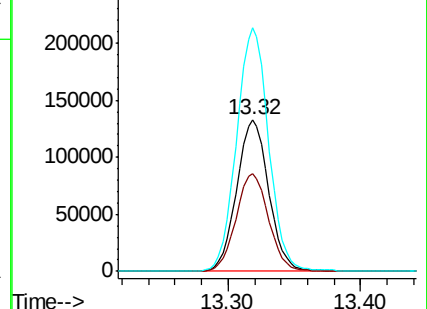
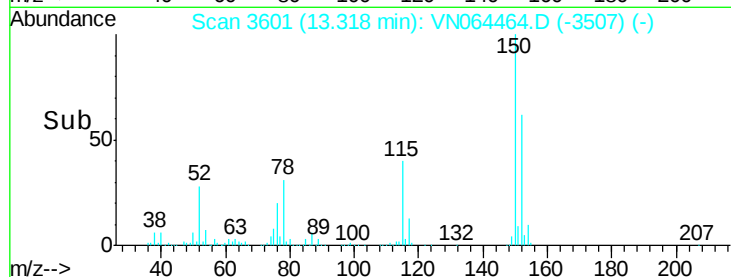
150 160.9 0.0 353.8



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



#95

Naphthalene

Concen: 5.350 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064464.D

Acq: 5 Nov 2020 16:30

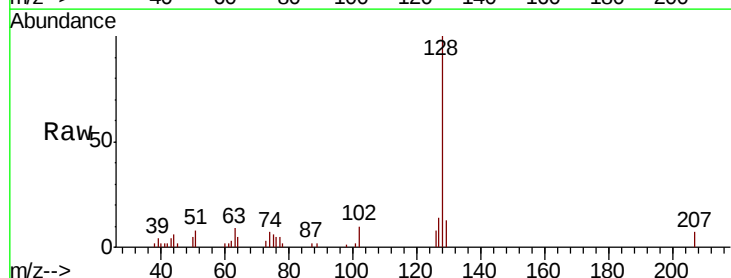
Tgt Ion:128 Resp: 22775

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 11.7 8.8 13.2



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

