

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056569.D
 Acq On : 1 Jul 2019 14:01
 Operator : JC/SP
 Sample : K3158-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-C

Quant Time: Jul 02 01:50:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

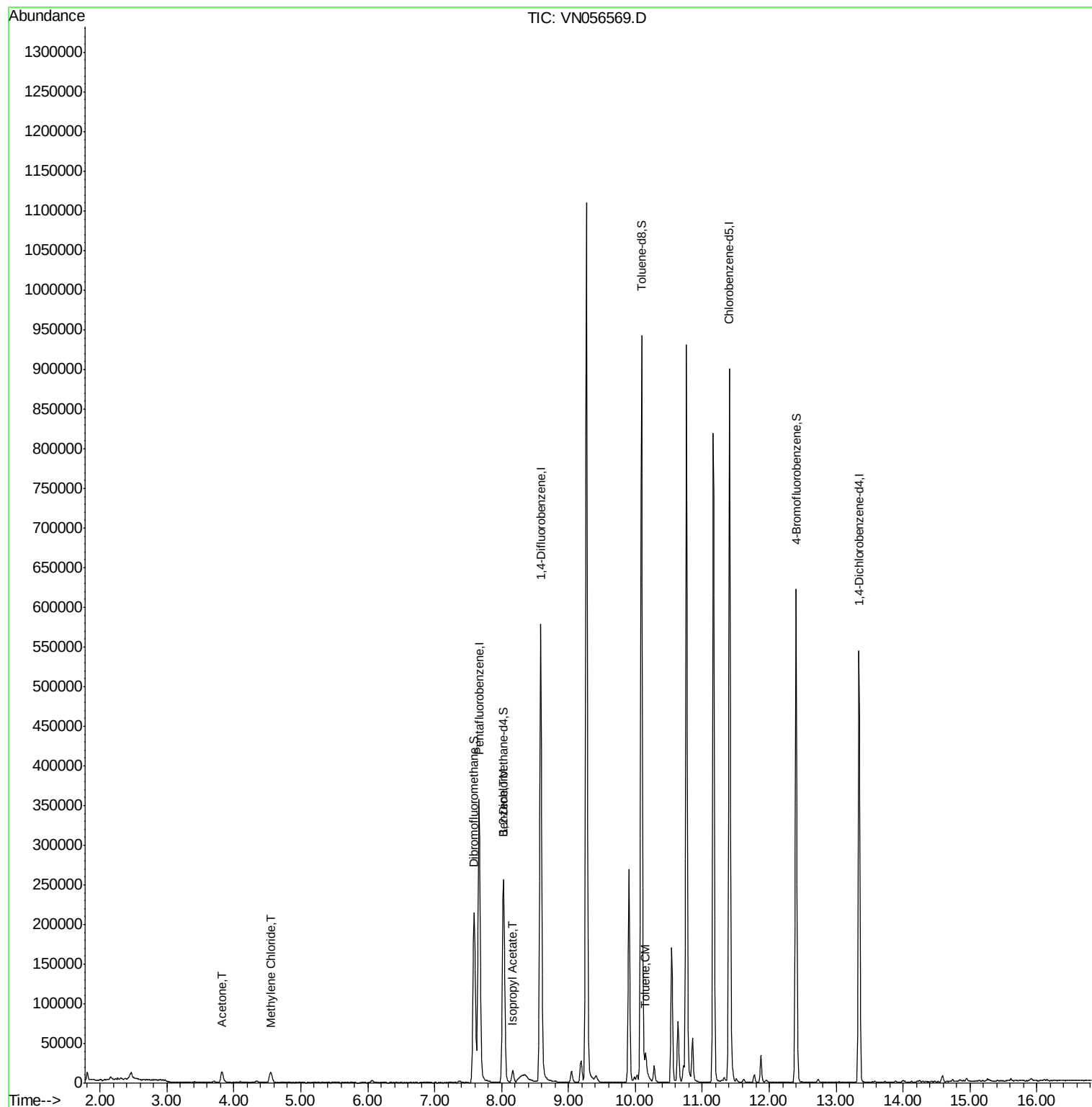
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	321433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	562921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	196234	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
35) Dibromofluoromethane	7.59	113	166582	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	706019	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	222186	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
Target Compounds						
16) Acetone	3.82	43	24340	13.637	ug/l	92
20) Methylene Chloride	4.55	84	11159	2.470	ug/l	93
40) Benzene	8.04	78	43505	2.855	ug/l	99
43) Isopropyl Acetate	8.17	43	18297	2.437	ug/l #	89
52) Toluene	10.15	92	10432	1.120	ug/l	89

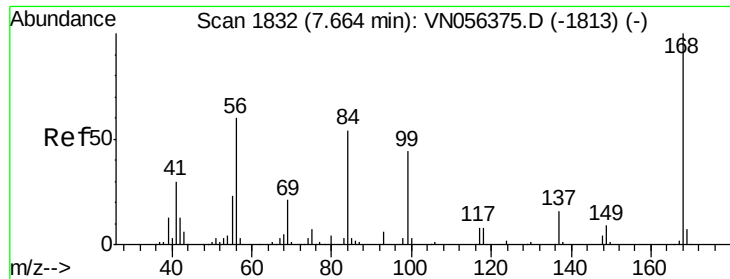
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070119\
Data File : VN056569.D
Acq On : 1 Jul 2019 14:01
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Misc : 5.00mL/MSVOA N/WATER
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EO-01-062819-C

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 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: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

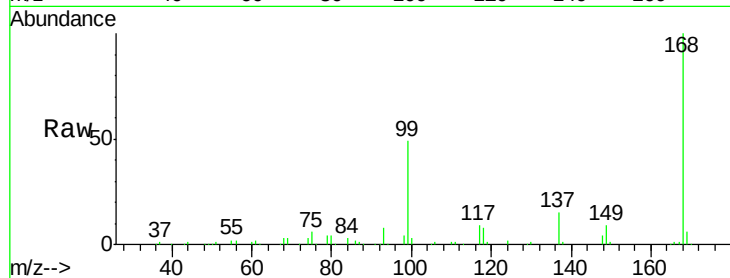
EO-01-062819-C

Tot Ion:168 Resp: 321433

Ion Ratio Lower Upper

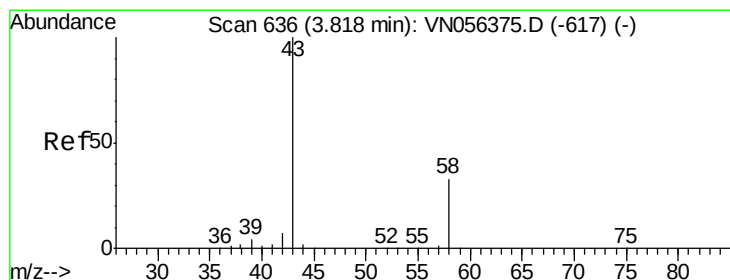
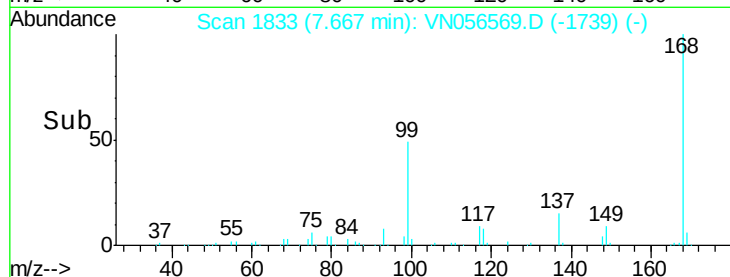
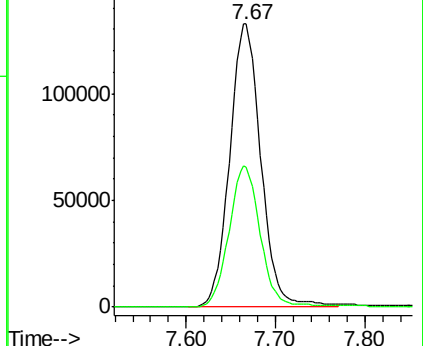
168 100

99 49.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 13.637 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056569.D

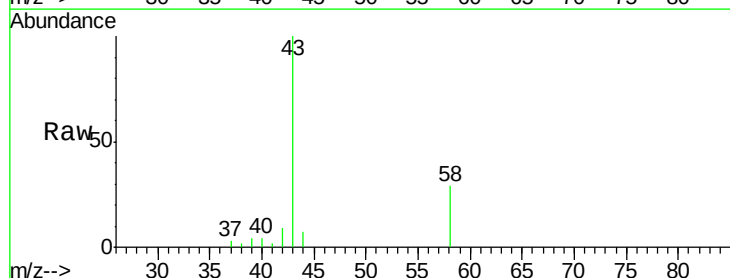
Acq: 1 Jul 2019 14:01

Tgt Ion: 43 Resp: 24340

Ion Ratio Lower Upper

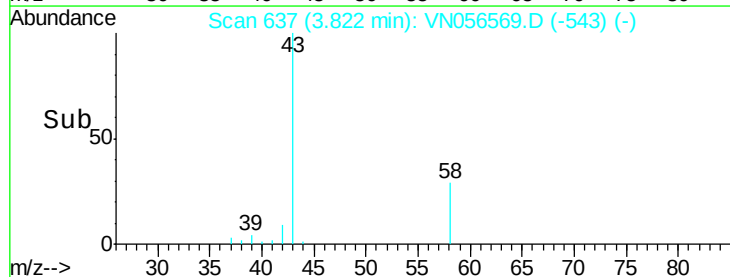
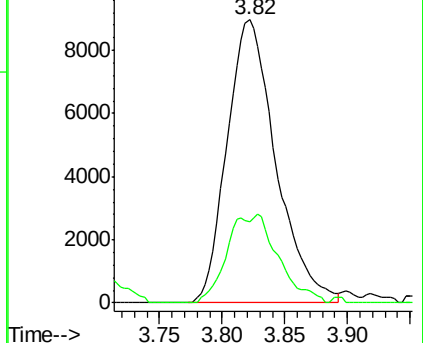
43 100

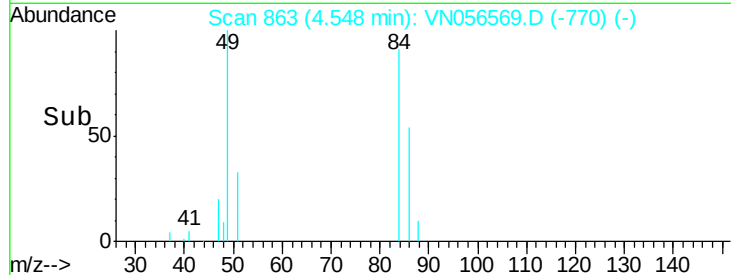
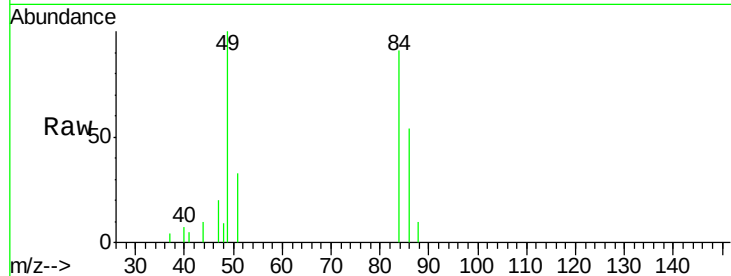
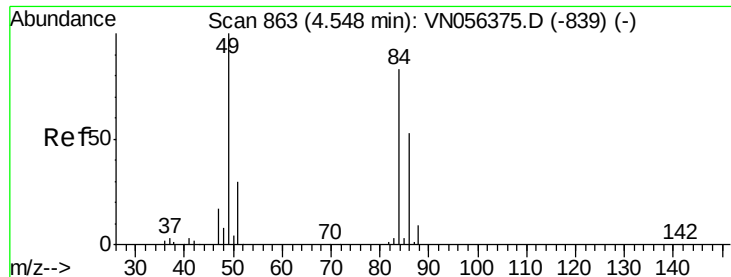
58 28.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

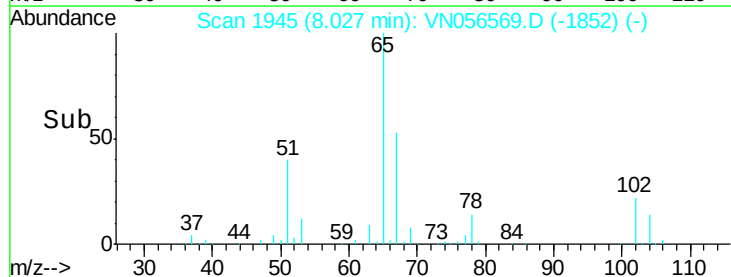
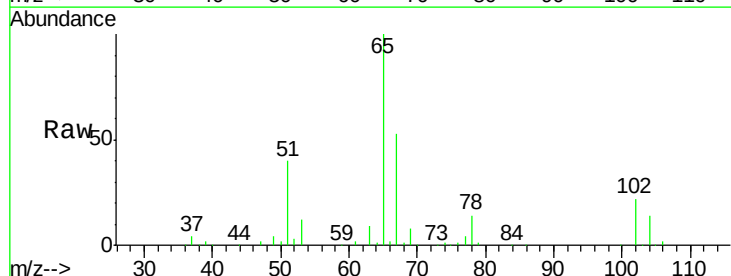
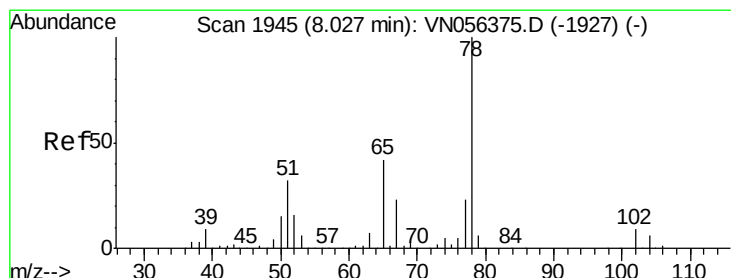
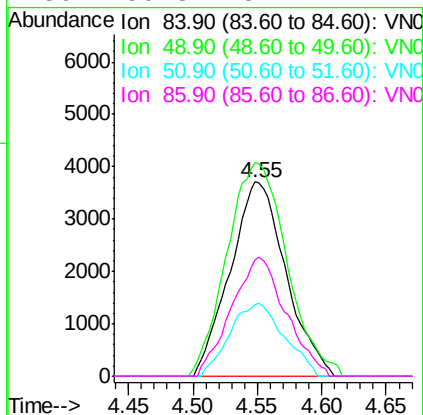




#20
Methylene Chloride
Concen: 2.470 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

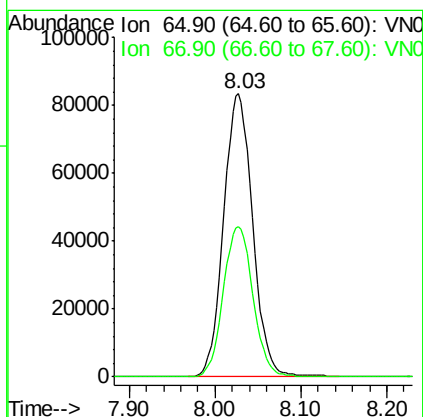
Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-C

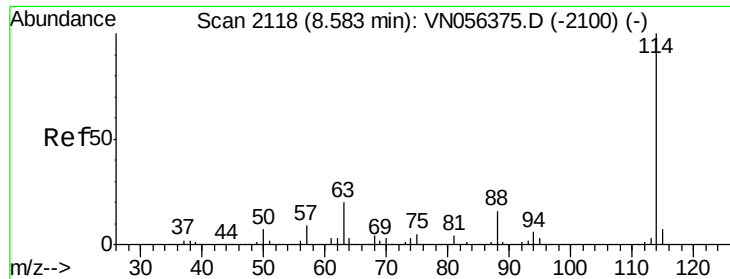
Tot Ion:	84	Resp:	11159
Ion	Ratio	Lower	Upper
84	100		
49	110.0	96.4	144.6
51	36.8	28.6	43.0
86	59.8	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 55.084 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

Tgt Ion:	65	Resp:	196234
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.0

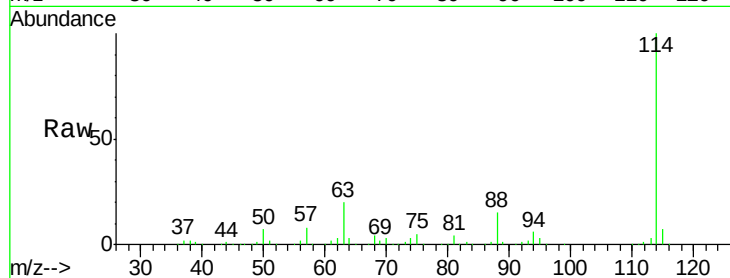




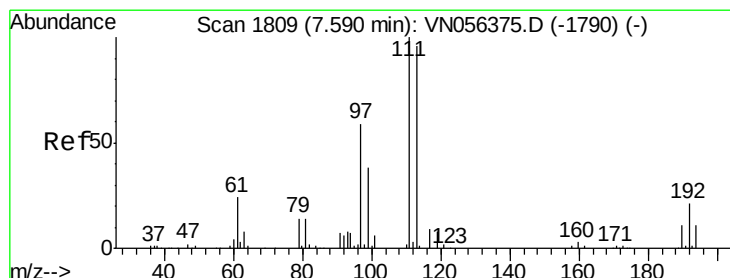
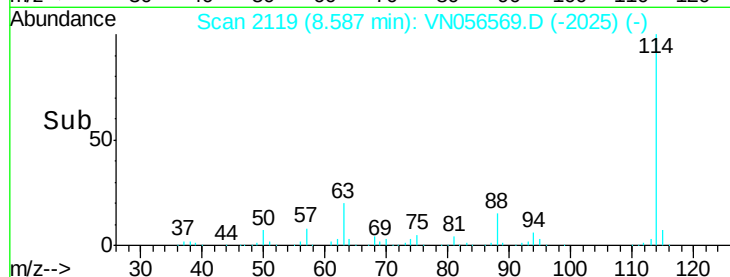
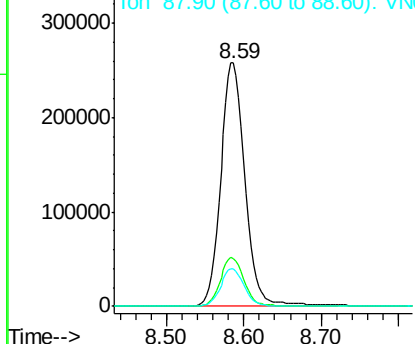
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

Instrument :
 MSVOA_N
 ClientSampled :
 EO-01-062819-C

Tot Ion:114 Resp: 562921
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.2 0.0 31.4

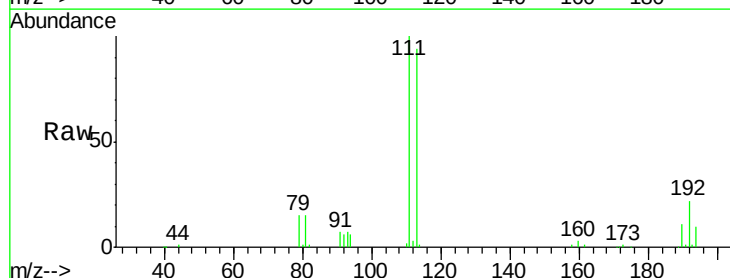


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

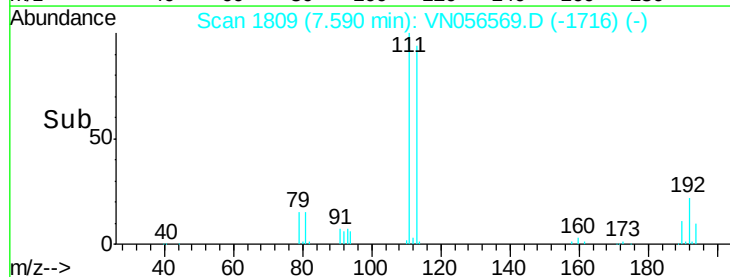
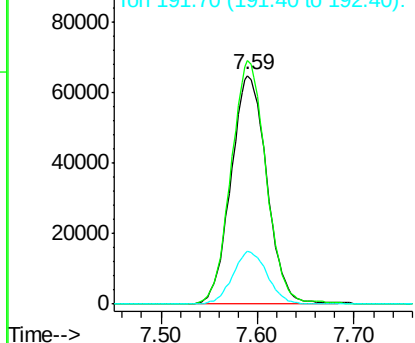


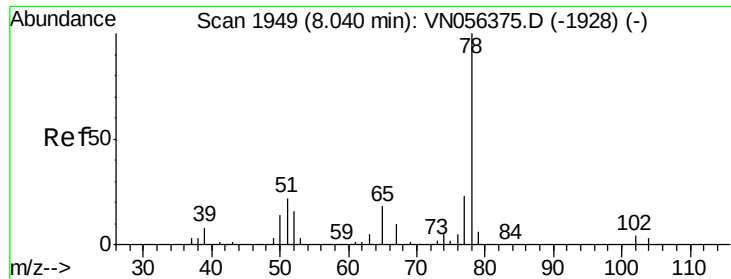
#35
 Dibromofluoromethane
 Concen: 47.436 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

Tgt Ion:113 Resp: 166582
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 22.2 17.7 26.5



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





#40

Benzene

Concen: 2.855 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

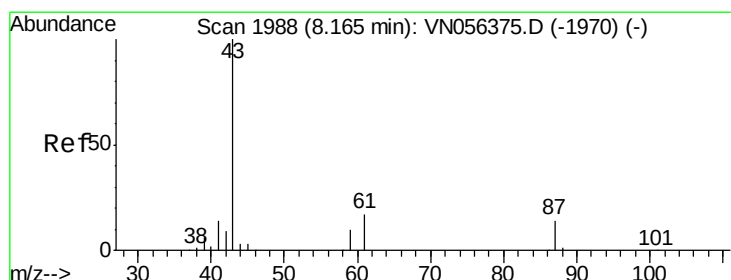
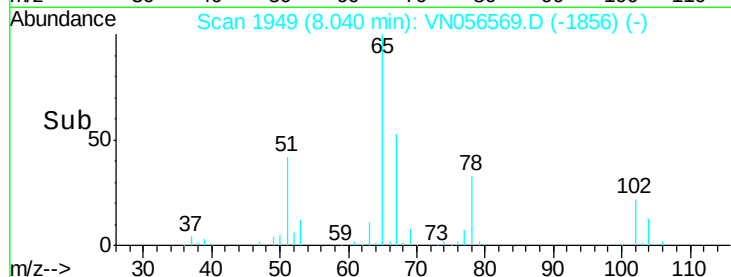
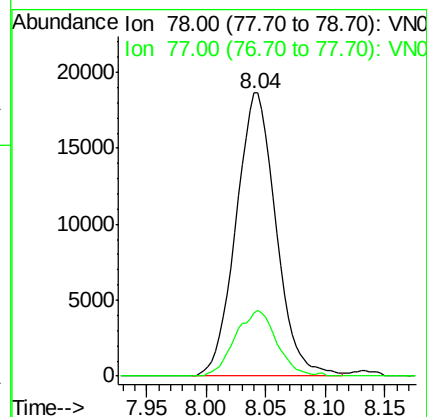
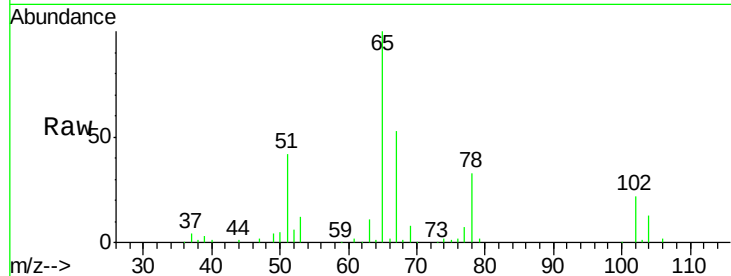
EO-01-062819-C

Tot Ion: 78 Resp: 43505

Ion Ratio Lower Upper

78 100

77 22.3 18.3 27.5



#43

Isopropyl Acetate

Concen: 2.437 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

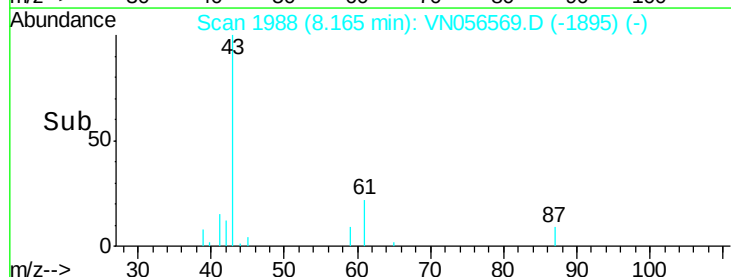
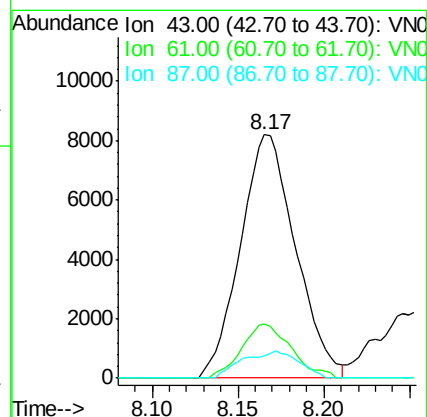
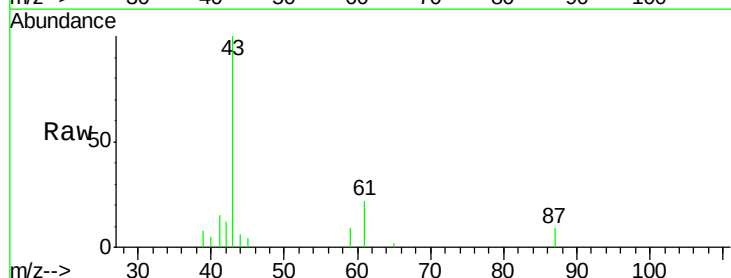
Tgt Ion: 43 Resp: 18297

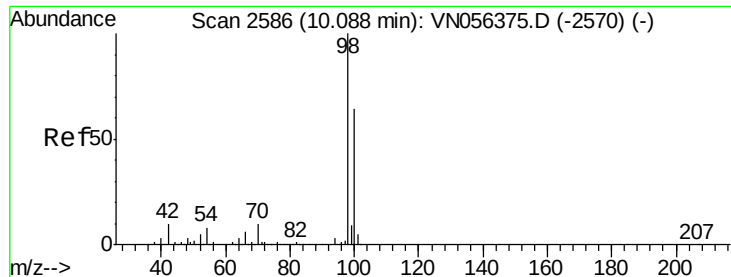
Ion Ratio Lower Upper

43 100

61 20.0 22.0 33.0#

87 11.4 11.0 16.4





#50

Toluene-d8

Concen: 51.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

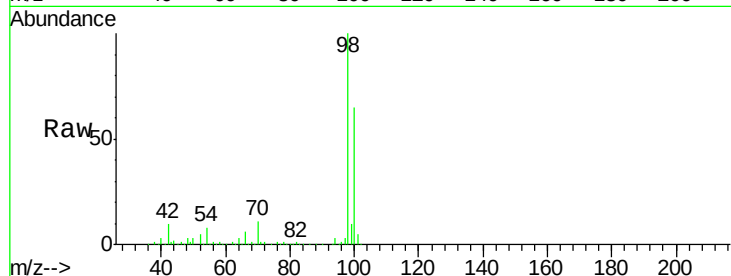
EO-01-062819-C

Tot Ion: 98 Resp: 706019

Ion Ratio Lower Upper

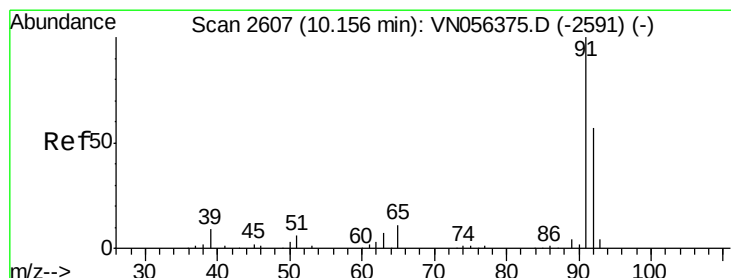
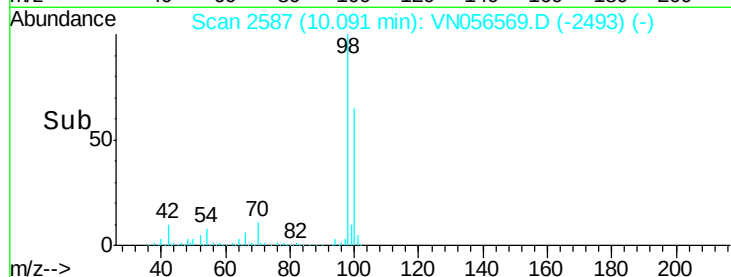
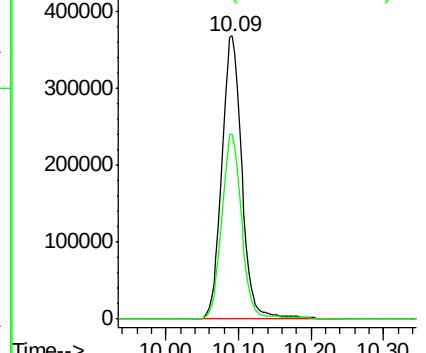
98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 1.120 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056569.D

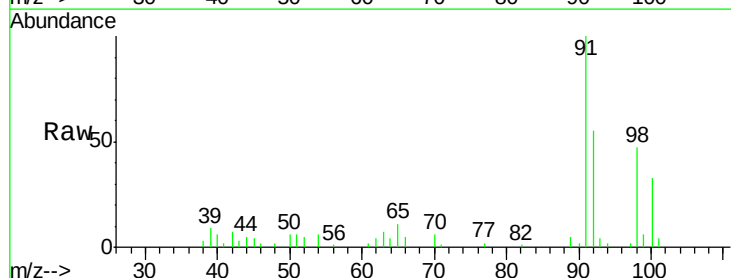
Acq: 1 Jul 2019 14:01

Tgt Ion: 92 Resp: 10432

Ion Ratio Lower Upper

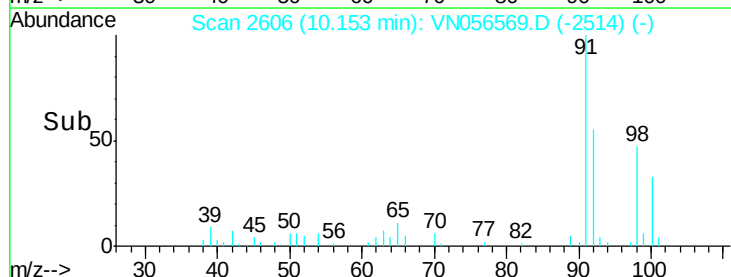
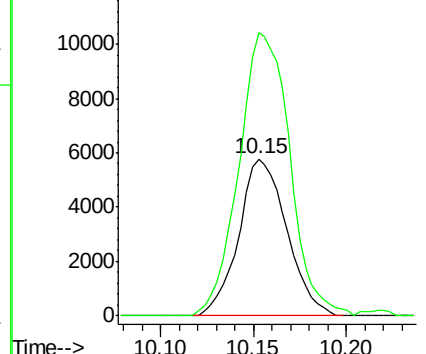
92 100

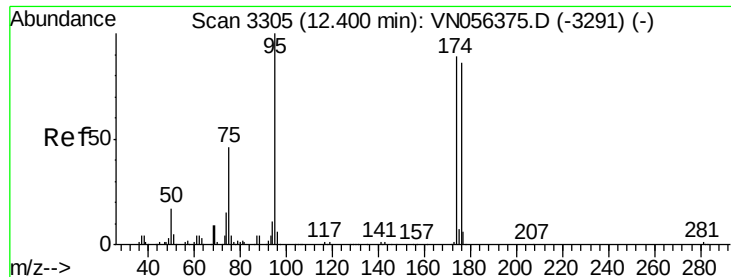
91 191.1 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.777 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampled :

EO-01-062819-C

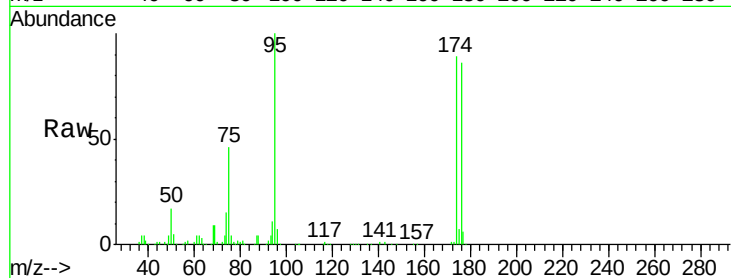
Tot Ion: 95 Resp: 222186

Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.4

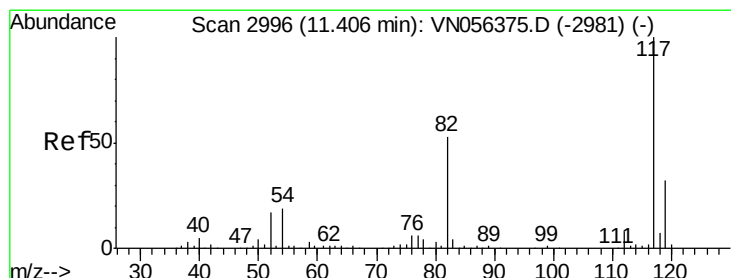
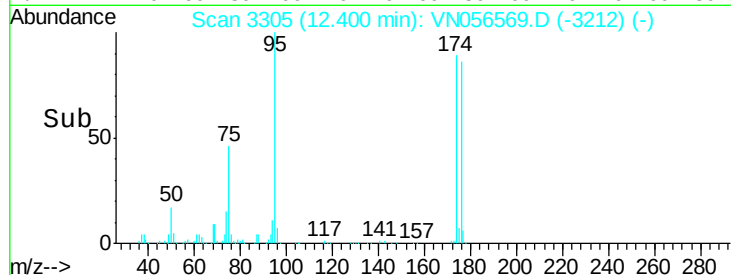
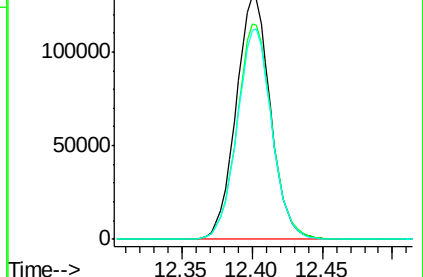
176 86.8 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

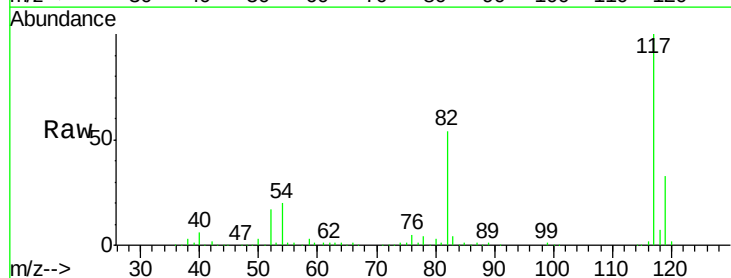
Tgt Ion: 117 Resp: 560519

Ion Ratio Lower Upper

117 100

82 53.6 42.0 63.0

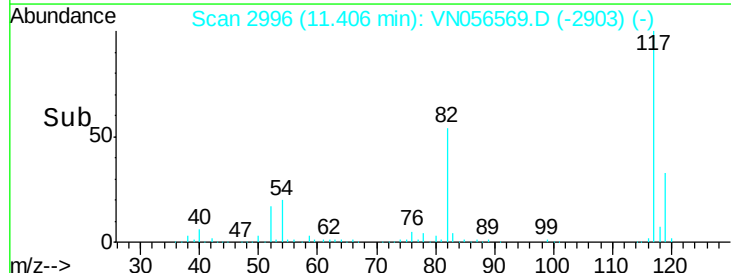
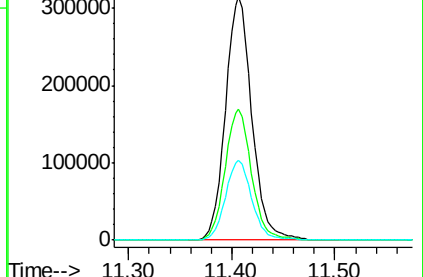
119 32.7 25.3 37.9

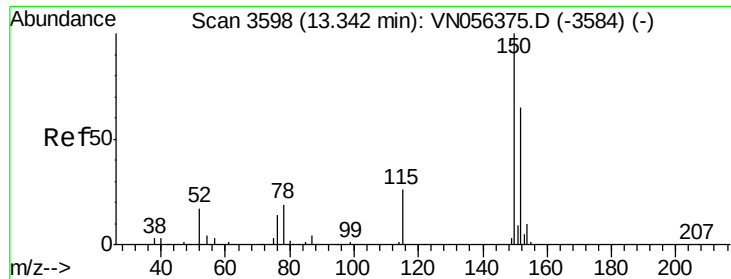


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056569.D

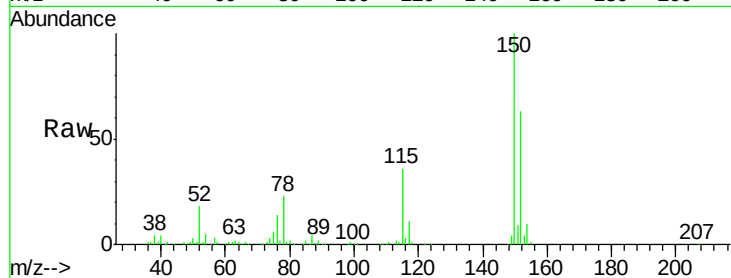
Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

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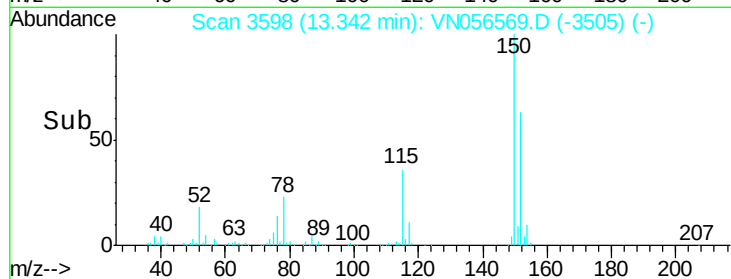
Tot Ion:152 Resp: 158890

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.4

150 156.9 0.0 348.4



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

