

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062835.D
 Acq On : 24 Jun 2019 12:54
 Operator : VA/AP
 Sample : K3482-01RE
 Misc : 6.19g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jun 25 05:02:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

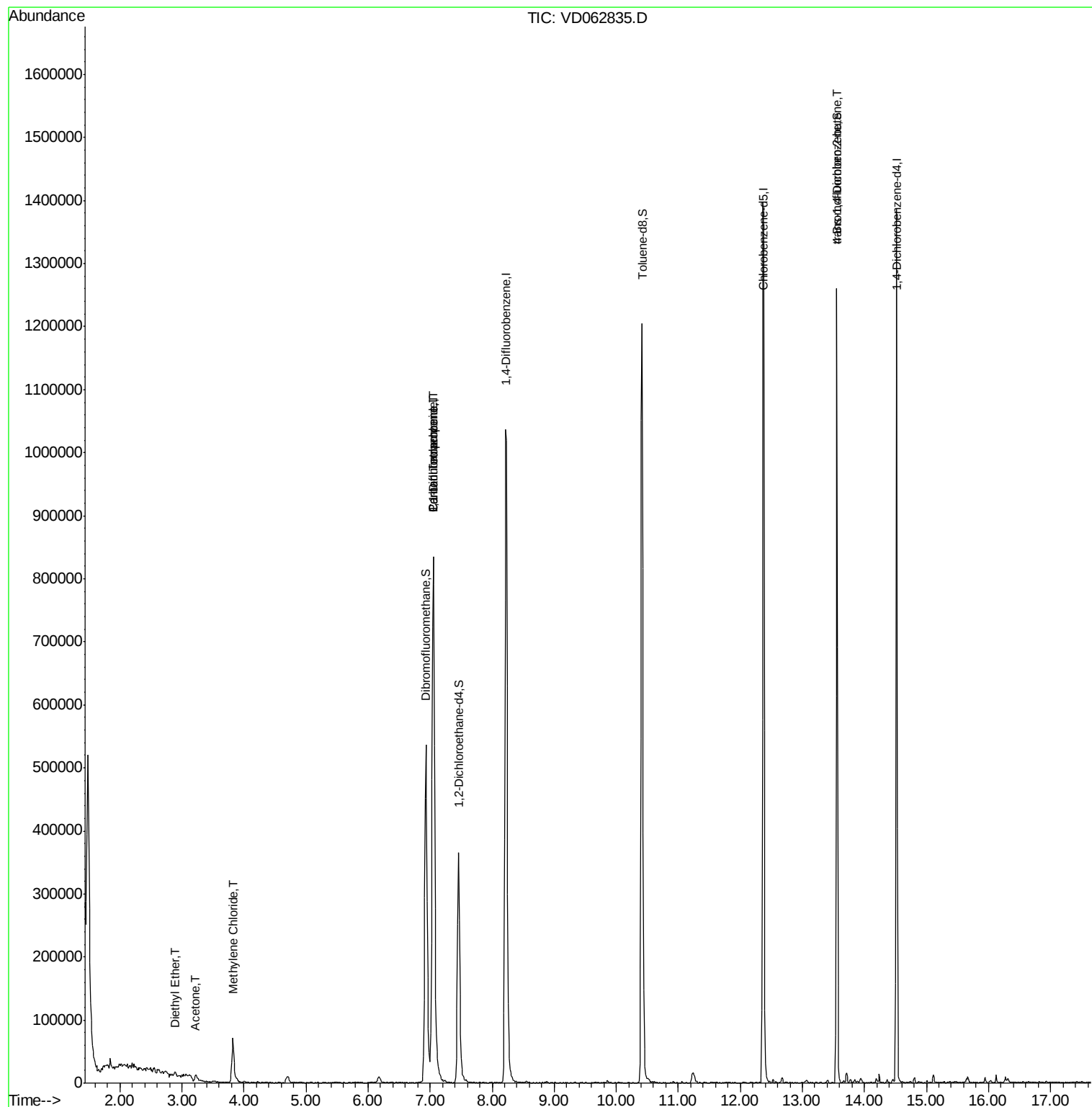
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	845136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1151959	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	800724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	302181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	433190	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	6.93	113	465205	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	10.42	98	958199	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	13.56	95	327722	34.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.18%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.88	74	2548	1.215	ug/l	73
16) Acetone	3.23	43	22021	4.964	ug/l	98
20) Methylene Chloride	3.82	84	40298	5.752	ug/l #	95
36) 1,1-Dichloropropene	7.06	75	65858	6.039	ug/l #	53
37) Ethyl Acetate	6.17	43	1141	Below Cal	#	69
38) Carbon Tetrachloride	7.05	117	88074	5.370	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	147871	161.736	ug/l #	2

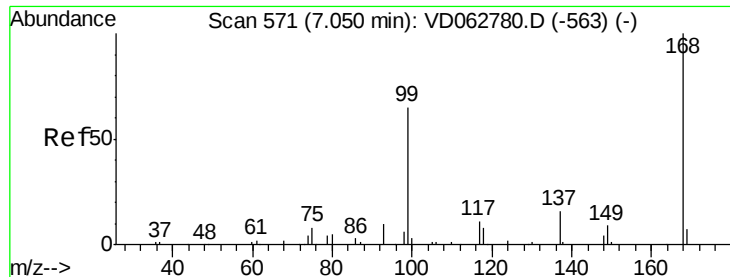
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062835.D

Acq: 24 Jun 2019 12:54

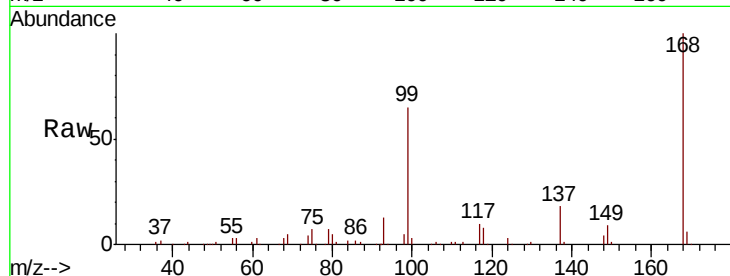
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:168 Resp: 845136

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

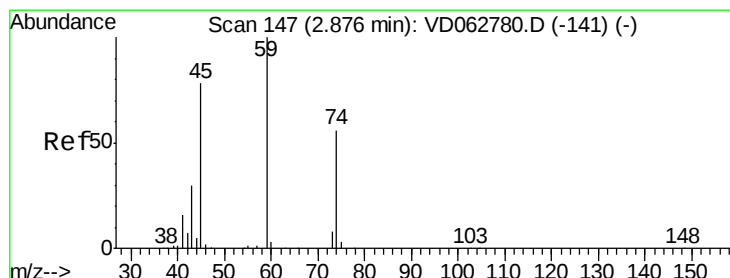
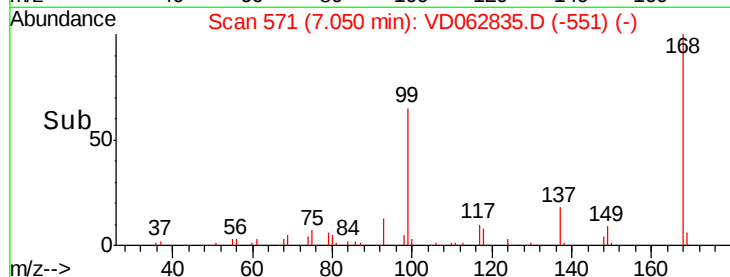
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#8

Diethyl Ether

Concen: 1.215 ug/l

RT: 2.88 min Scan# 147

Delta R.T. 0.00 min

Lab File: VD062835.D

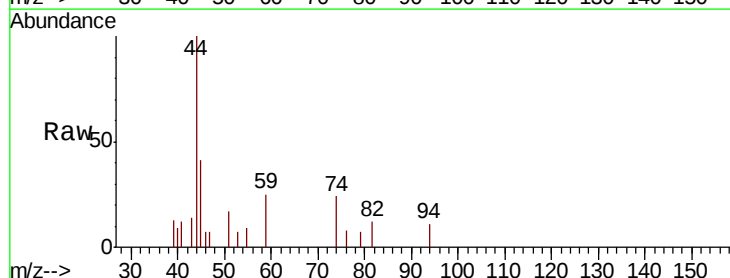
Acq: 24 Jun 2019 12:54

Tgt Ion: 74 Resp: 2548

Ion Ratio Lower Upper

74 100

45 173.8 70.2 210.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2500

2000

1500

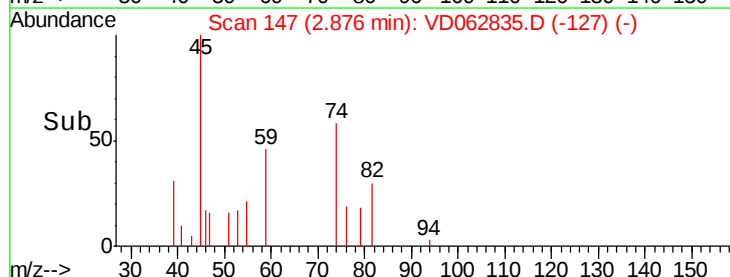
1000

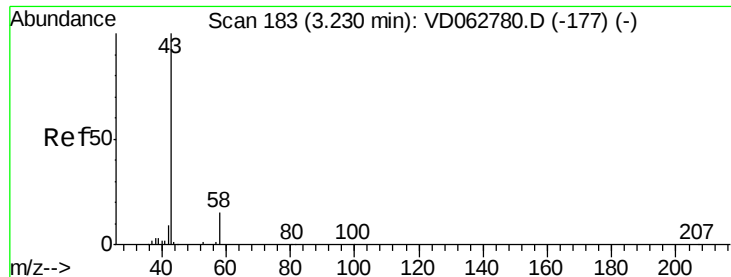
500

0

Time-->

2.80 2.85 2.90





#16

Acetone

Concen: 4.964 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062835.D

Acq: 24 Jun 2019 12:54

Instrument :

MSVOA_D

ClientSampleId :

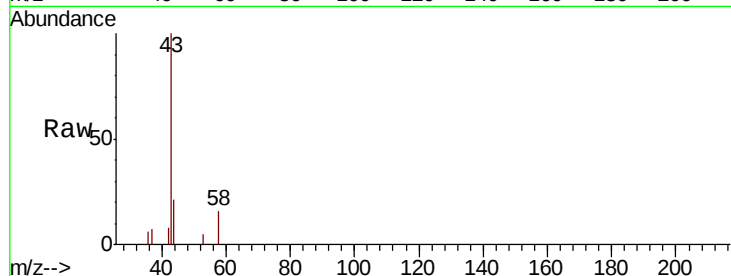
TP-1

Tot Ion: 43 Resp: 22021

Ion Ratio Lower Upper

43 100

58 15.9 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8000

6000

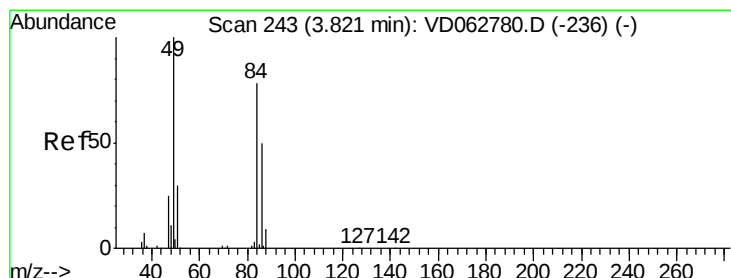
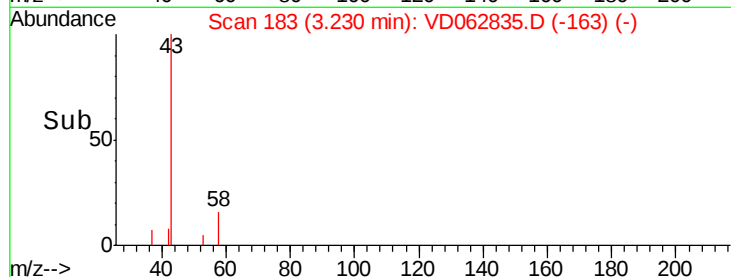
4000

2000

0

3.15 3.20 3.25 3.30 3.35

Time-->



#20

Methylene Chloride

Concen: 5.752 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD062835.D

Acq: 24 Jun 2019 12:54

Tgt Ion: 84 Resp: 40298

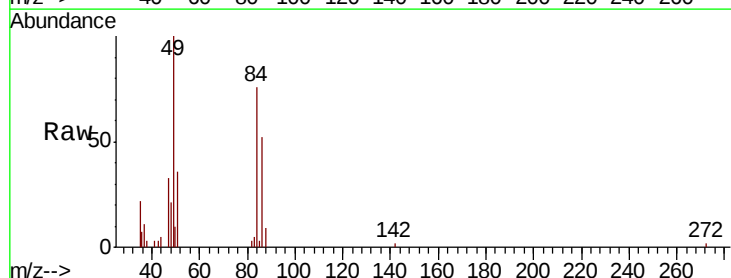
Ion Ratio Lower Upper

84 100

49 131.8 102.9 154.3

51 47.1 31.2 46.8#

86 68.8 51.4 77.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

25000

20000

15000

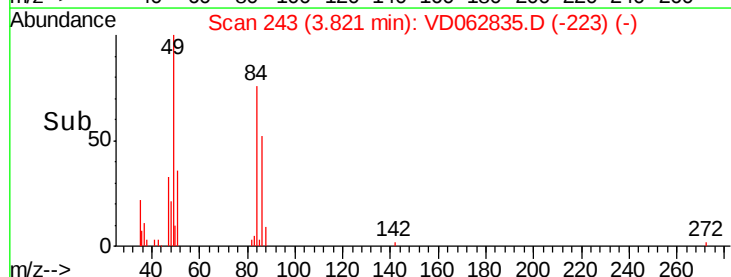
10000

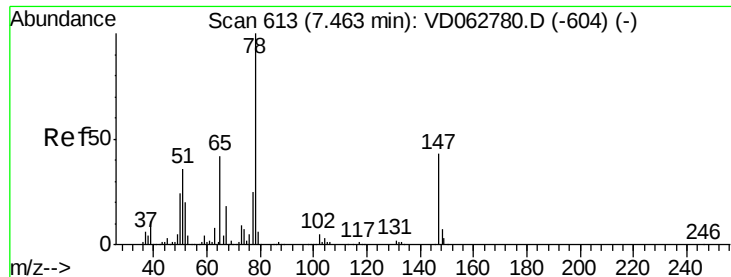
5000

0

3.70 3.80 3.90

Time-->

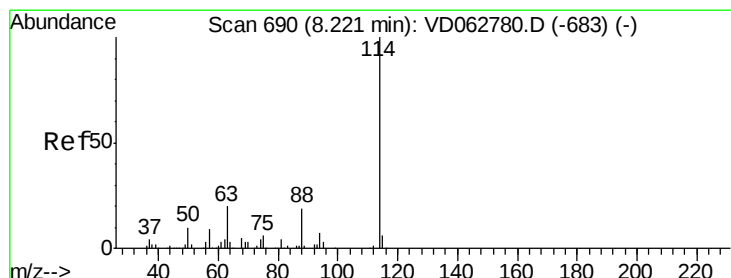
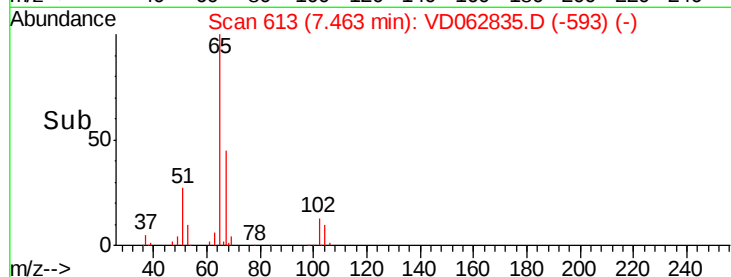
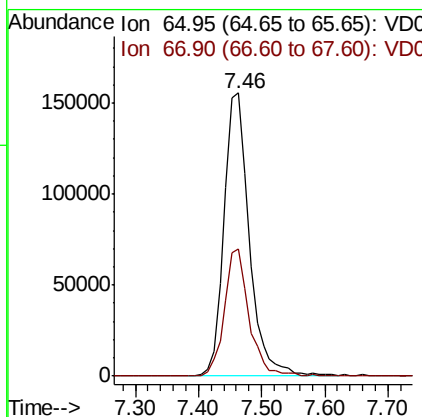
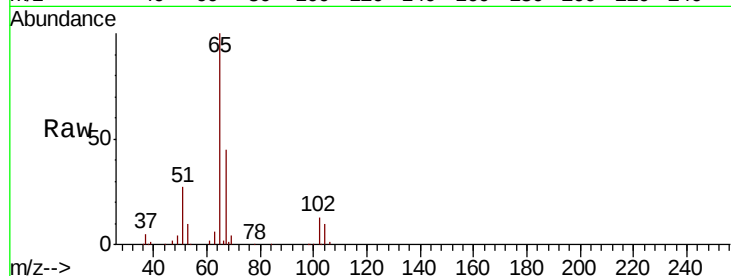




#33
 1,2-Dichloroethane-d4
 Concen: 47.155 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD062835.D
 Acq: 24 Jun 2019 12:54

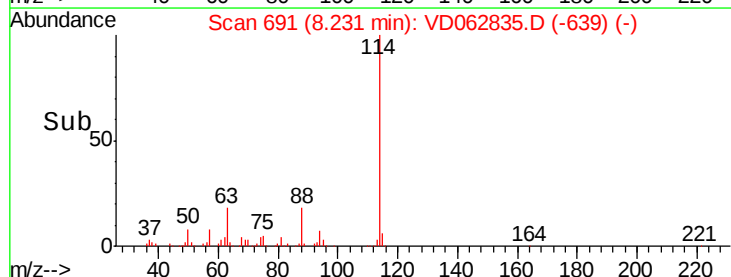
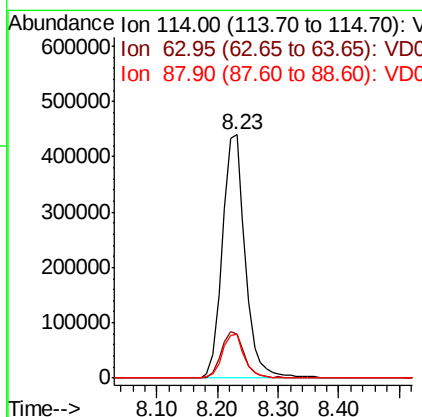
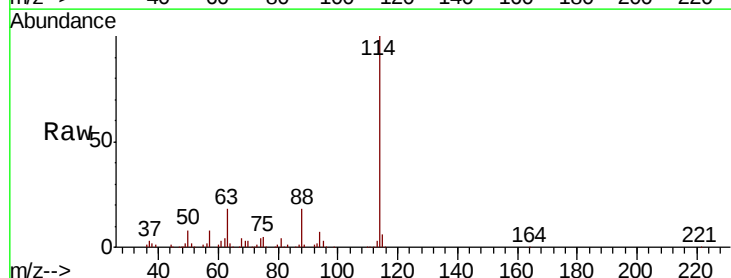
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

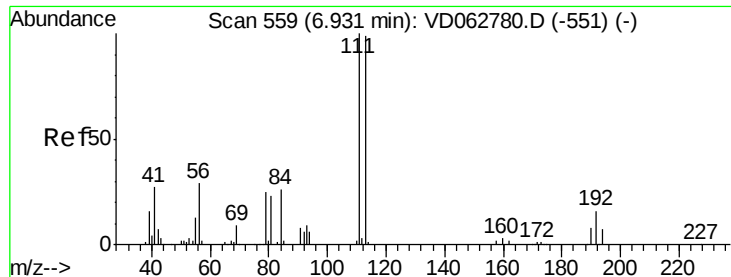
Tot Ion: 65 Resp: 433190
 Ion Ratio Lower Upper
 65 100
 67 44.7 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062835.D
 Acq: 24 Jun 2019 12:54

Tgt Ion: 114 Resp: 1151959
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.0
 88 18.0 0.0 38.8

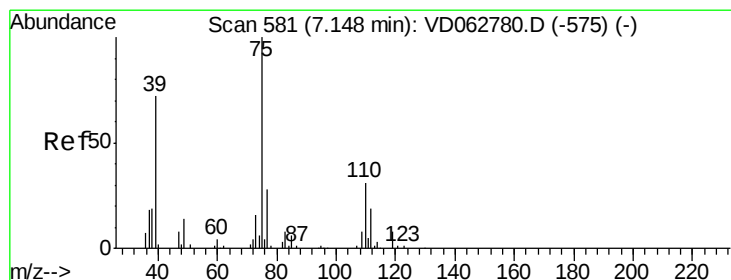
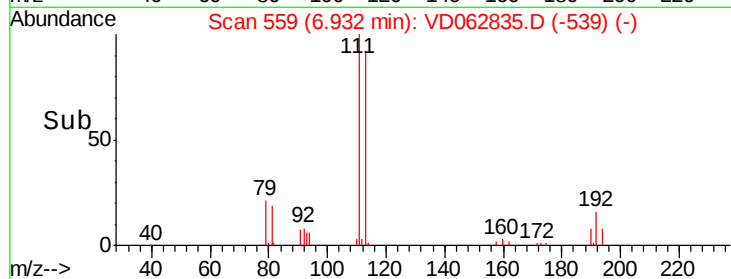
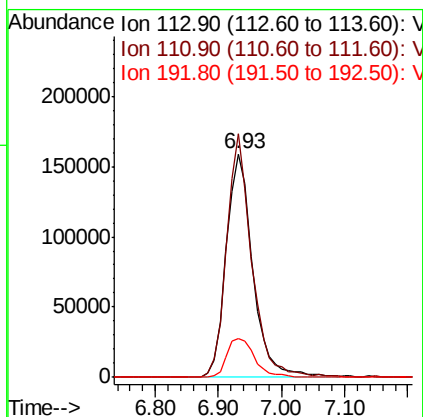
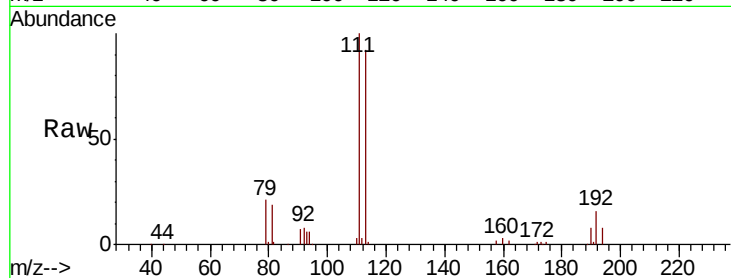




#35
 Dibromofluoromethane
 Concen: 47.894 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD062835.D
 Acq: 24 Jun 2019 12:54

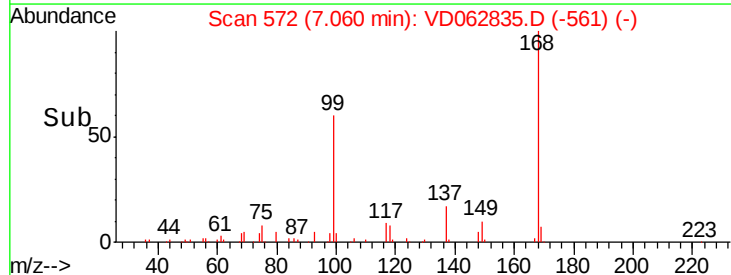
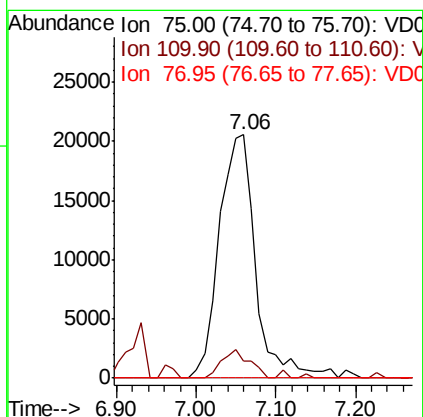
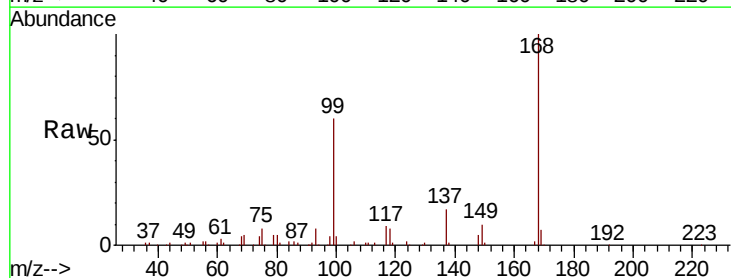
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

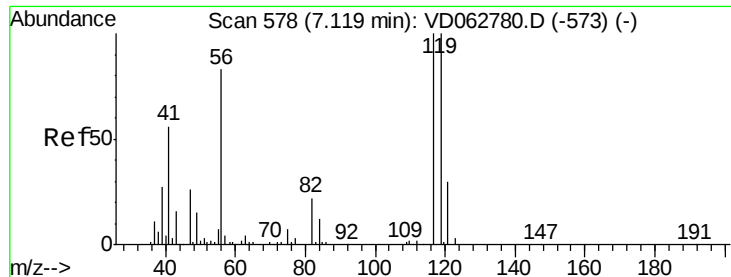
Tot Ion	Ratio	Lower	Upper
113	100		
111	108.9	81.2	121.8
192	17.6	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 6.039 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD062835.D
 Acq: 24 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.0	15.0	45.1#
77	0.0	22.2	33.2#

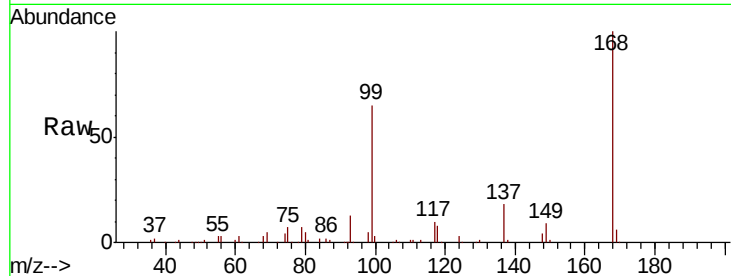




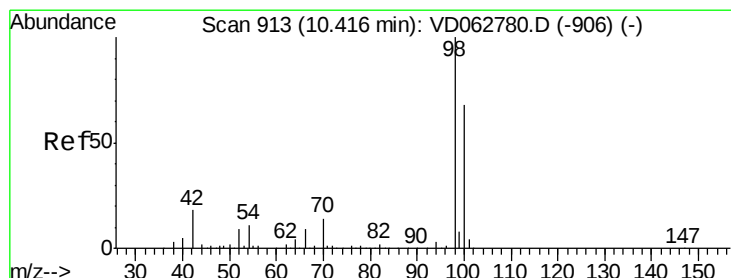
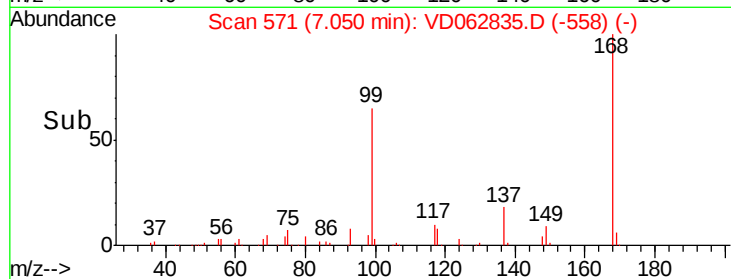
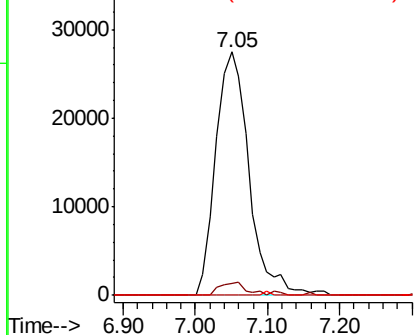
#38
Carbon Tetrachloride
Concen: 5.370 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD062835.D
Acq: 24 Jun 2019 12:54

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 88074
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 22.3 33.5#

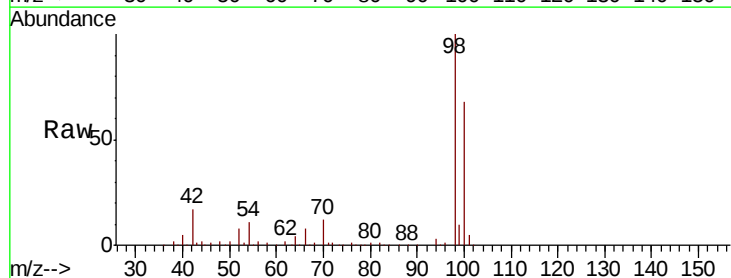


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

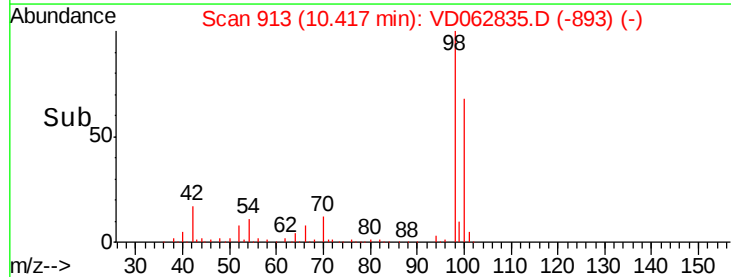
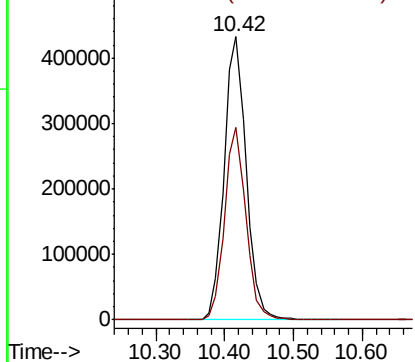


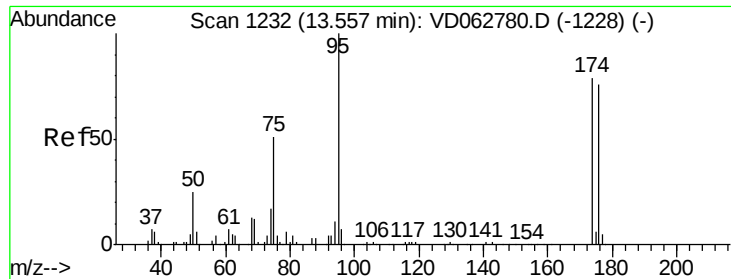
#50
Toluene-d8
Concen: 45.325 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062835.D
Acq: 24 Jun 2019 12:54

Tgt Ion: 98 Resp: 958199
Ion Ratio Lower Upper
98 100
100 68.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

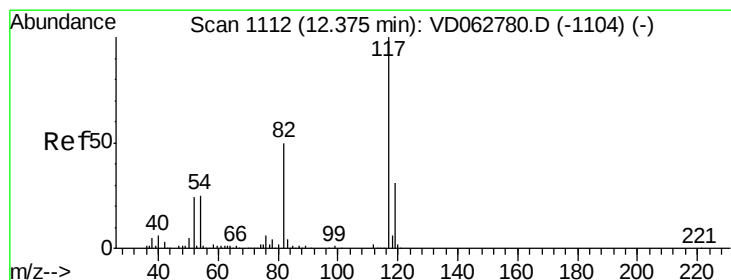
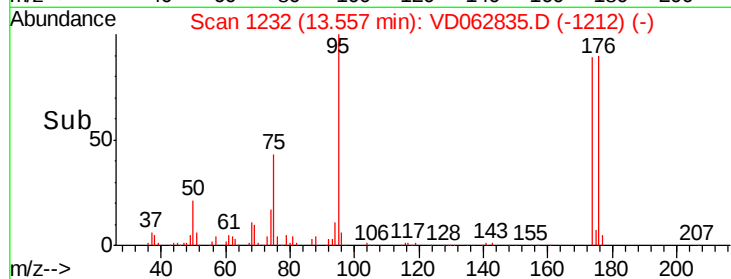
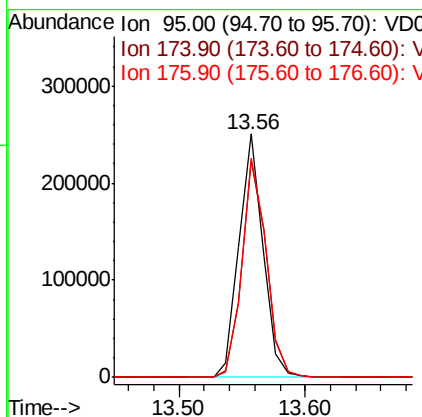
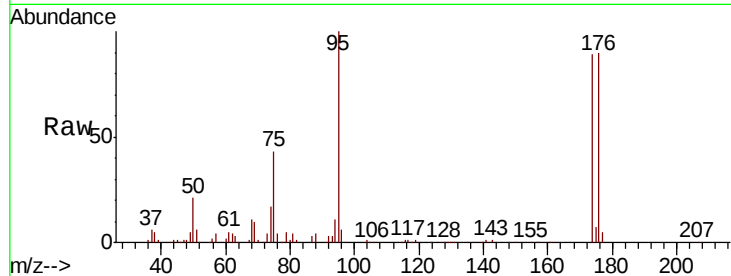




#62
4-Bromofluorobenzene
Concen: 34.092 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062835.D
Acq: 24 Jun 2019 12:54

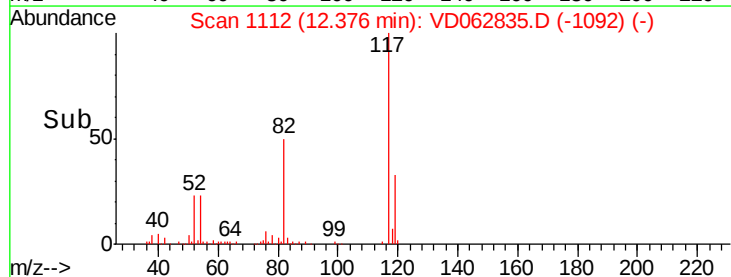
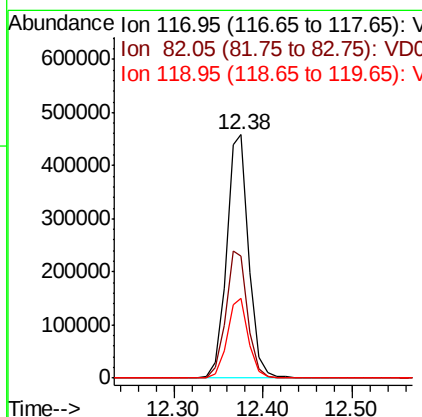
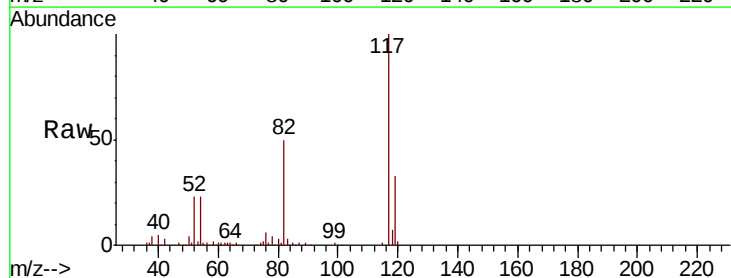
Instrument :
MSVOA_D
ClientSampleId :
TP-1

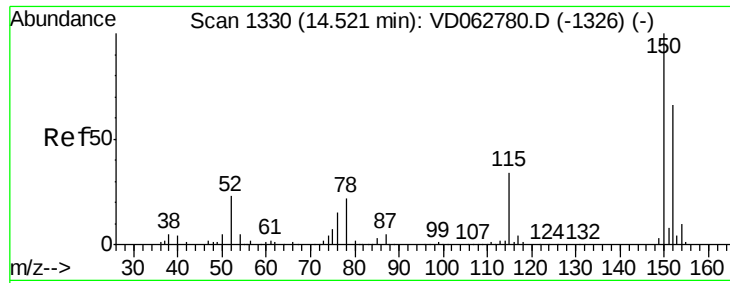
Tot Ion: 95 Resp: 327722
Ion Ratio Lower Upper
95 100
174 89.1 0.0 158.0
176 90.2 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062835.D
Acq: 24 Jun 2019 12:54

Tgt Ion: 117 Resp: 800724
Ion Ratio Lower Upper
117 100
82 50.3 40.4 60.6
119 32.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062835.D

Acq: 24 Jun 2019 12:54

Instrument :

MSVOA_D

ClientSampleId :

TP-1

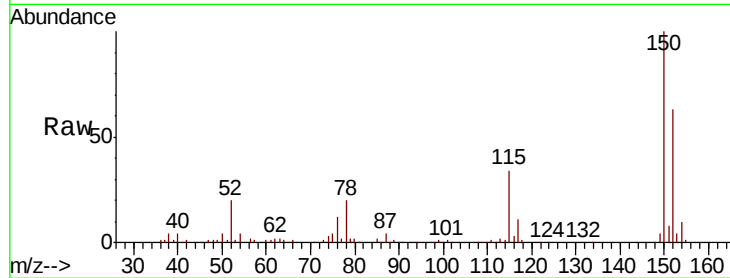
Tot Ion:152 Resp: 302181

Ion Ratio Lower Upper

152 100

115 53.5 29.2 87.6

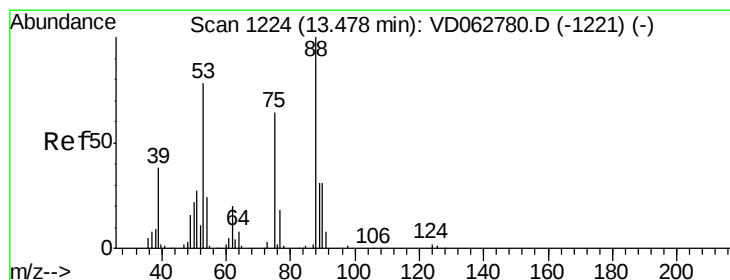
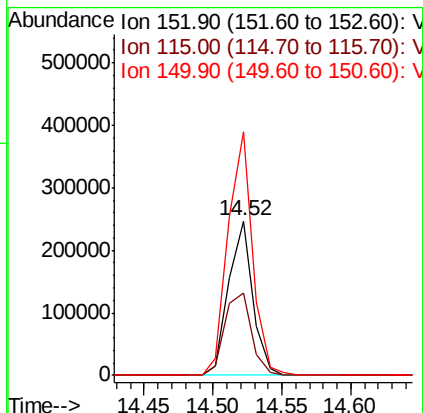
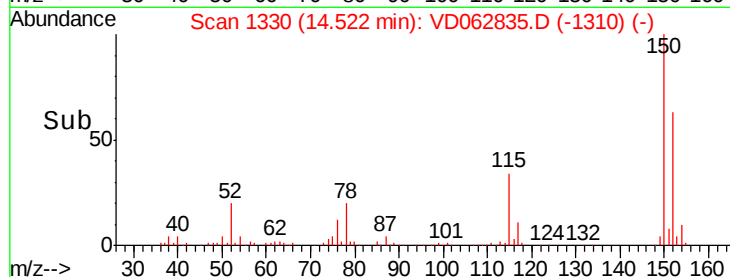
150 157.6 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 161.736 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062835.D

Acq: 24 Jun 2019 12:54

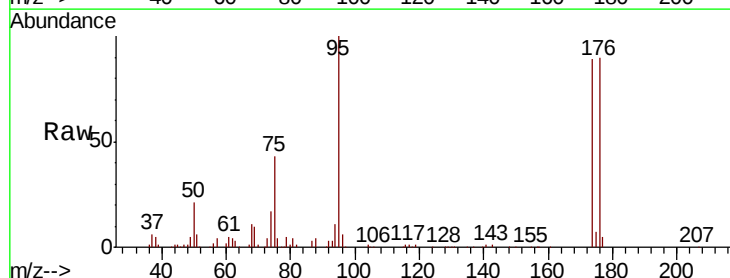
Tgt Ion: 75 Resp: 147871

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

