

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066166.D
 Acq On : 10 Aug 2020 16:01
 Operator : VA/SY
 Sample : L3594-01
 Misc : 7.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 11 04:34:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

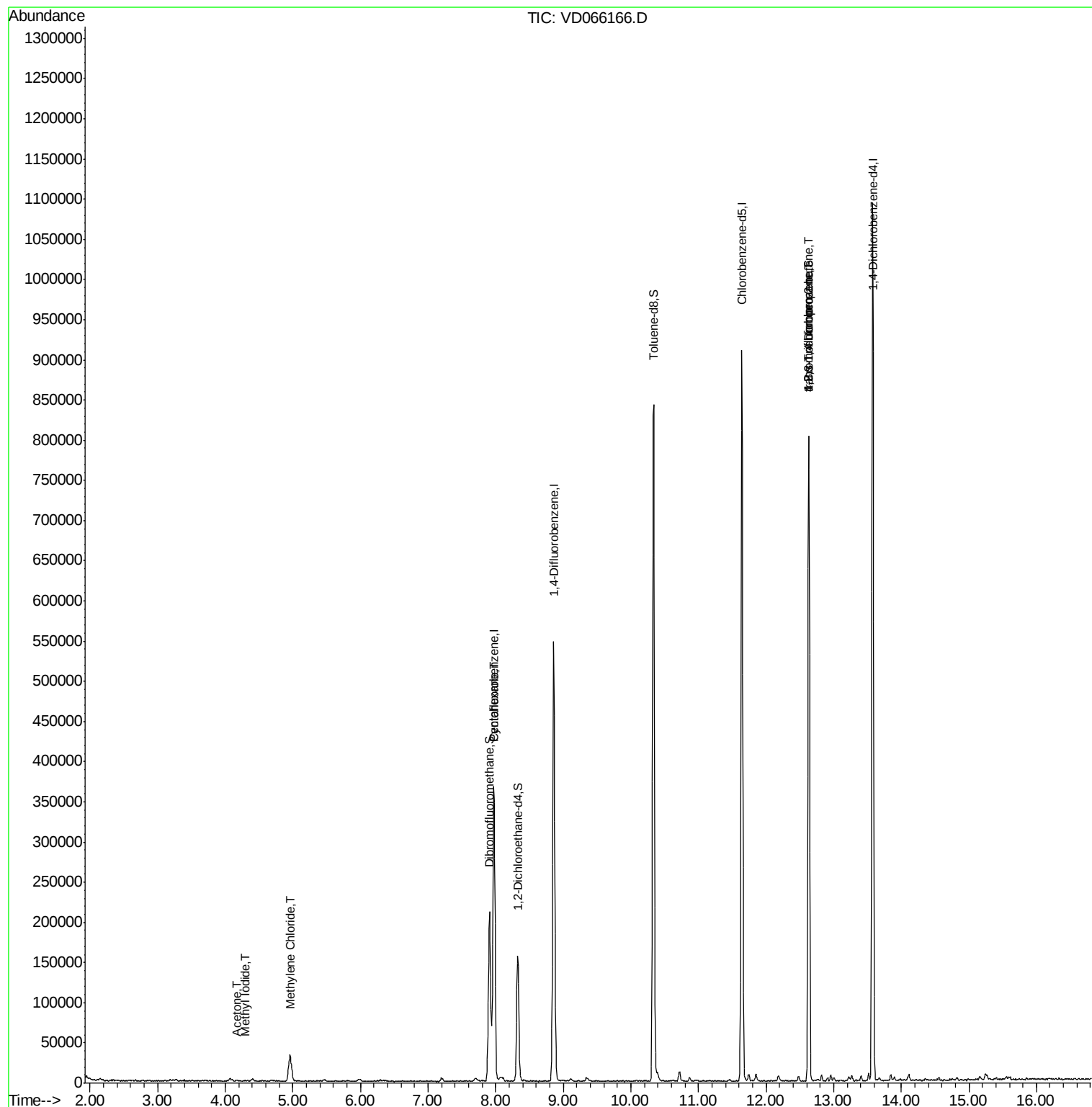
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	289915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	479241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	531704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123192	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
35) Dibromofluoromethane	7.91	113	149273	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	10.33	98	593279	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.63	95	259997	64.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.76%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	689	6.952	ug/l #	71
16) Acetone	4.17	43	1050	2.140	ug/l #	44
20) Methylene Chloride	4.96	84	24511	4.447	ug/l	95
31) Cyclohexane	7.98	56	7049	1.556	ug/l #	5
76) 1,2,3-Trichloropropane	12.63	75	128700	51.636	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	128700	114.144	ug/l #	13

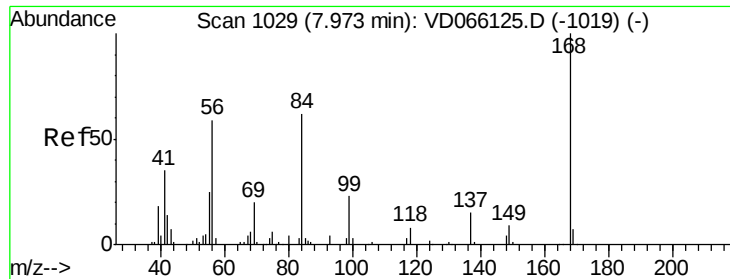
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081020\
Data File : VD066166.D
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Quant Time: Aug 11 04:34:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066166.D

Acq: 10 Aug 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

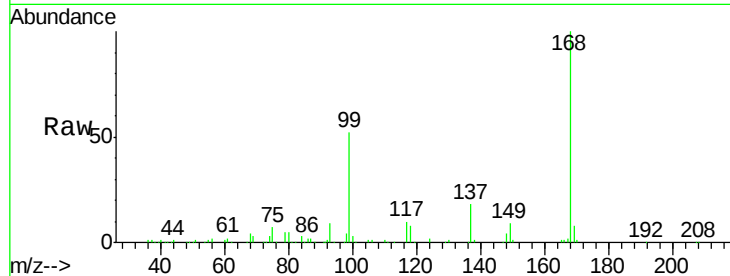
TP-1

Tot Ion:168 Resp: 289915

Ion Ratio Lower Upper

168 100

99 52.1 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

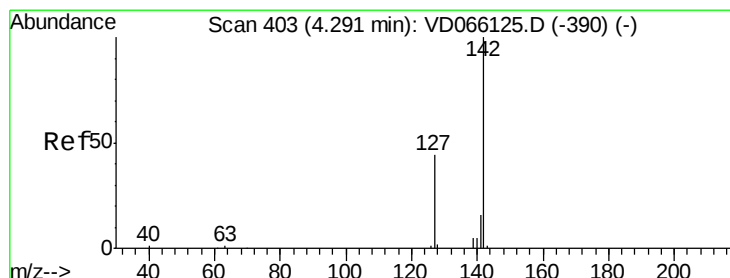
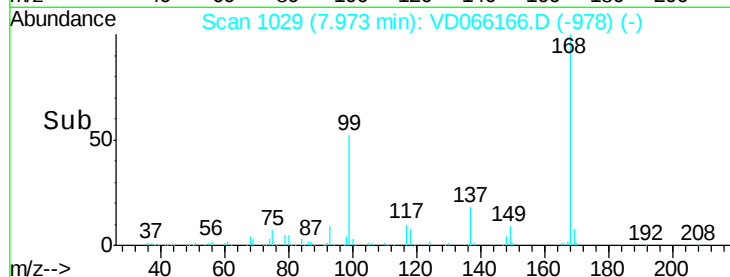
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 6.952 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066166.D

Acq: 10 Aug 2020 16:01

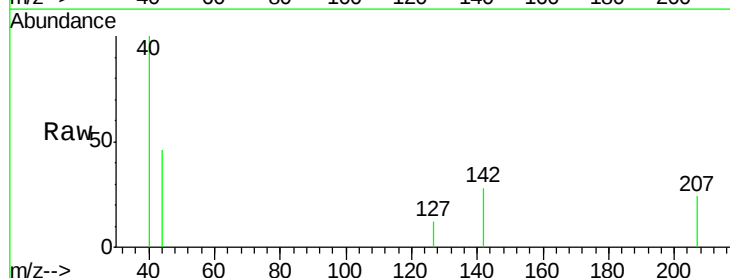
Tgt Ion:142 Resp: 689

Ion Ratio Lower Upper

142 100

127 62.7 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.29

600

500

400

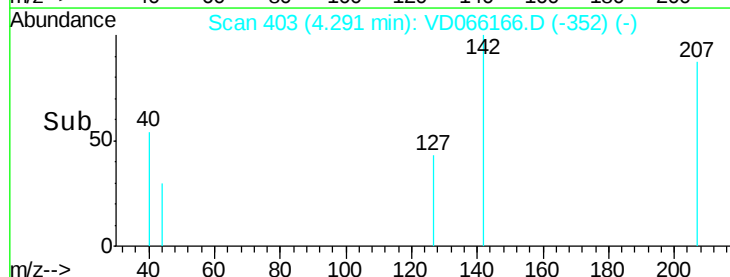
300

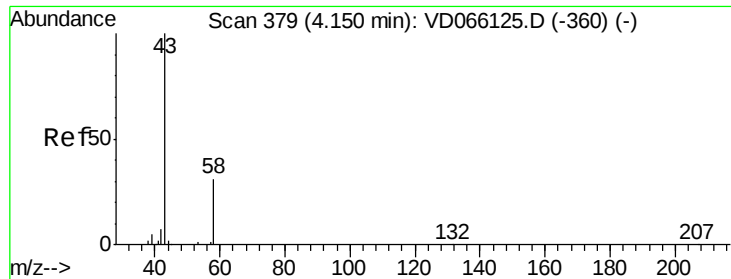
200

100

0

Time-->





#16

Acetone

Concen: 2.140 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD066166.D

Acq: 10 Aug 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

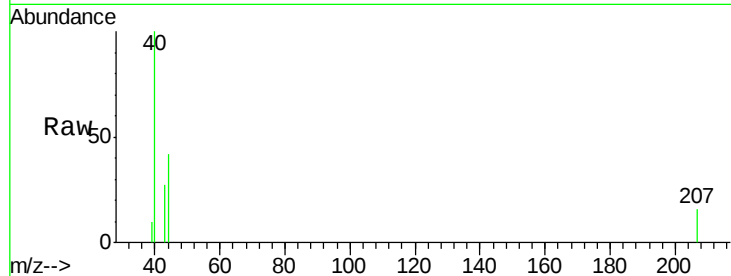
TP-1

Tot Ion: 43 Resp: 1050

Ion Ratio Lower Upper

43 100

58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

400

300

200

100

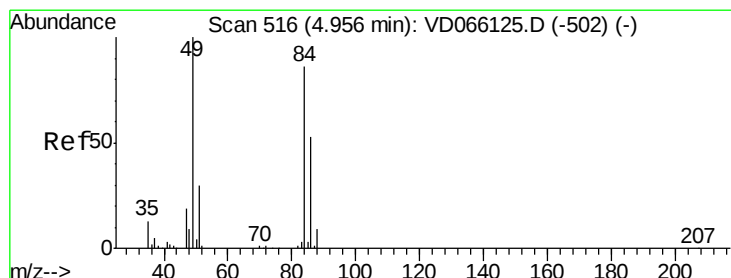
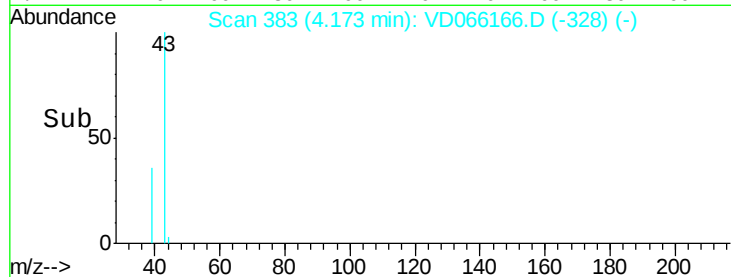
0

Time-->

4.10

4.15

4.20



#20

Methylene Chloride

Concen: 4.447 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066166.D

Acq: 10 Aug 2020 16:01

Tgt Ion: 84 Resp: 24511

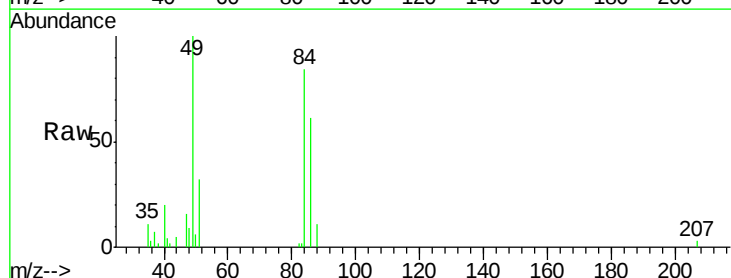
Ion Ratio Lower Upper

84 100

49 118.6 93.5 140.3

51 38.5 28.2 42.4

86 71.8 49.5 74.3



Abundance Ion 83.90 (83.60 to 84.60): 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

15000

10000

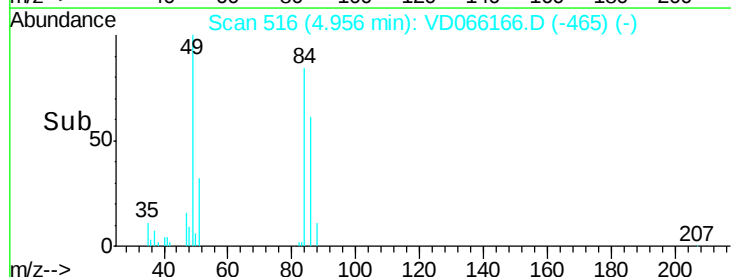
5000

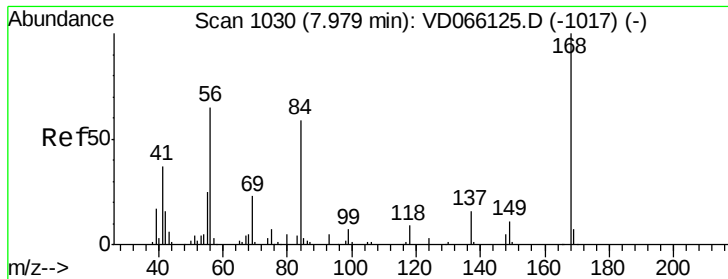
0

Time-->

4.90

5.00





#31

Cyclohexane

Concen: 1.556 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066166.D

Acq: 10 Aug 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

TP-1

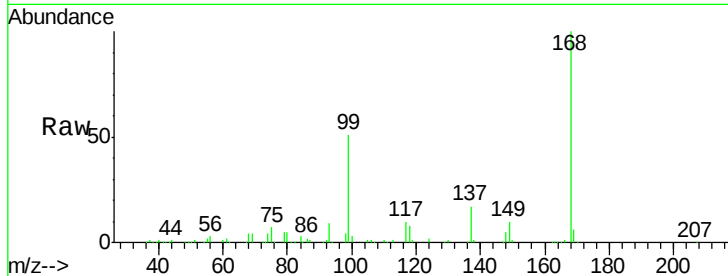
Tot Ion: 56 Resp: 7049

Ion Ratio Lower Upper

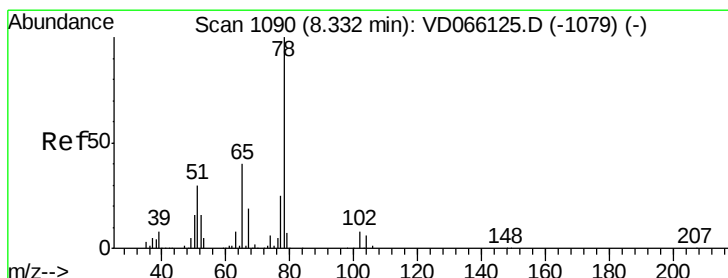
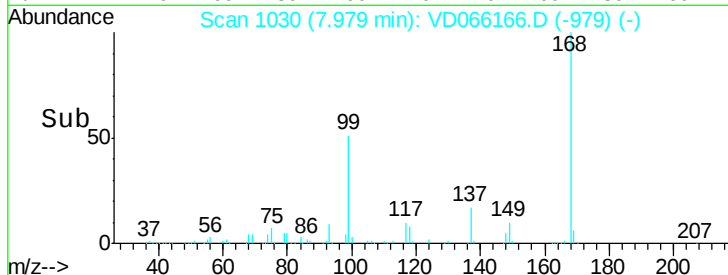
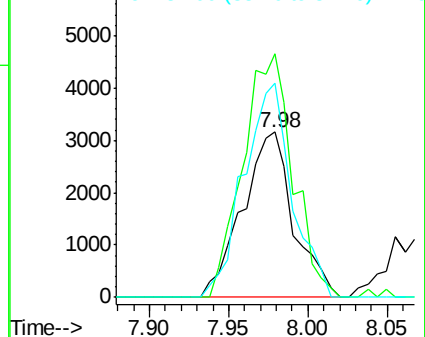
56 100

69 147.2 28.8 43.2#

84 146.2 73.0 109.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.629 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066166.D

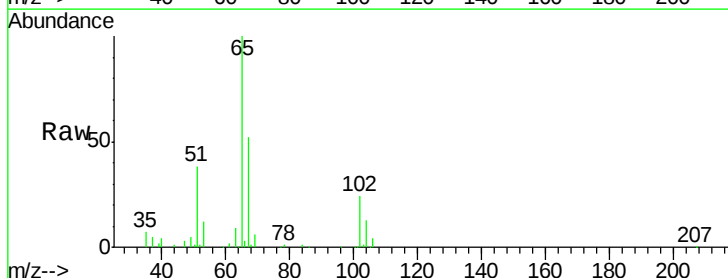
Acq: 10 Aug 2020 16:01

Tgt Ion: 65 Resp: 123192

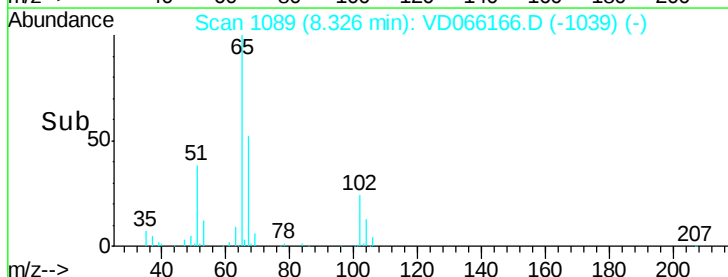
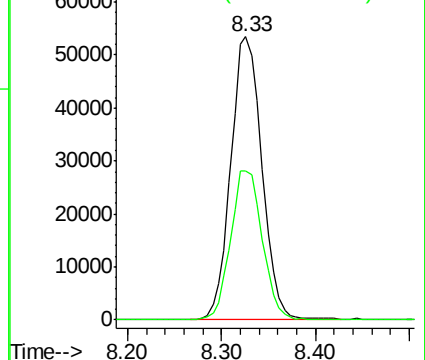
Ion Ratio Lower Upper

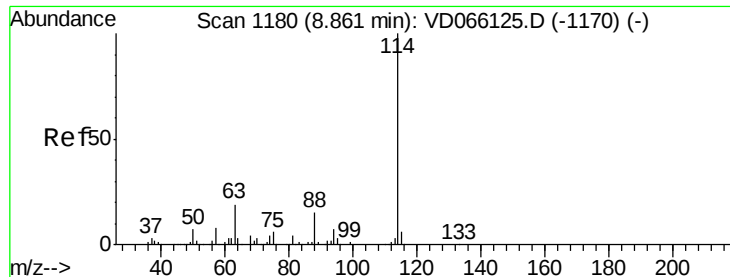
65 100

67 53.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

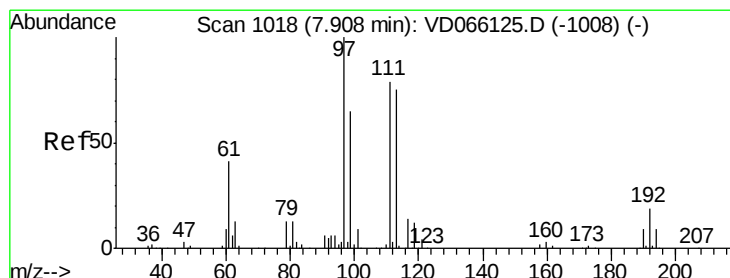
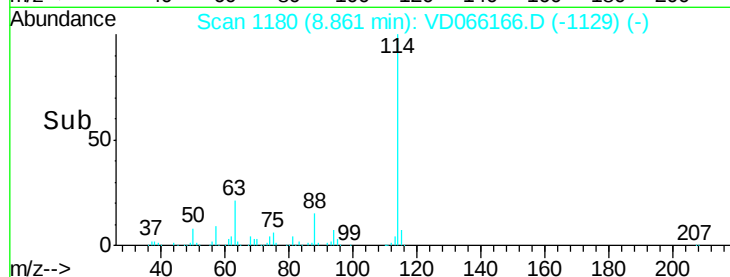
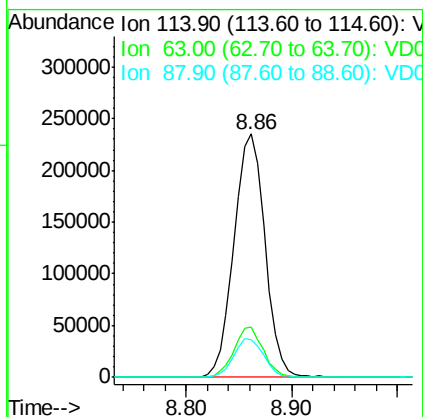
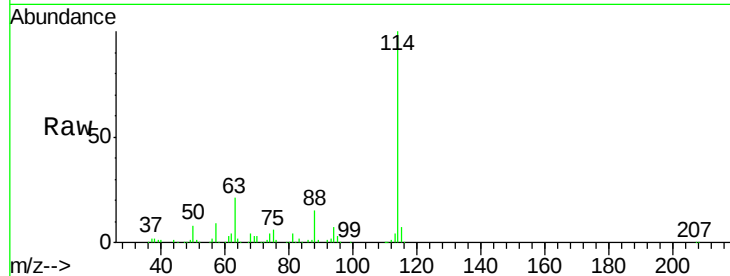




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066166.D
 Acq: 10 Aug 2020 16:01

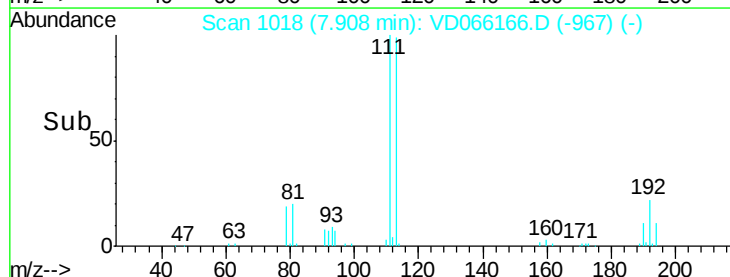
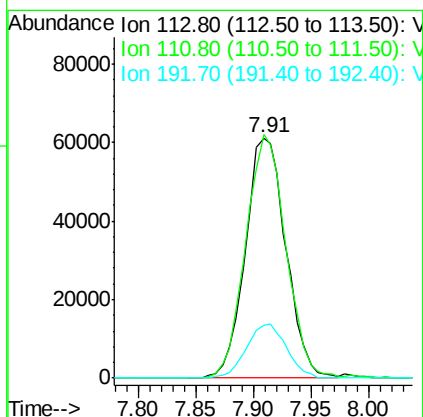
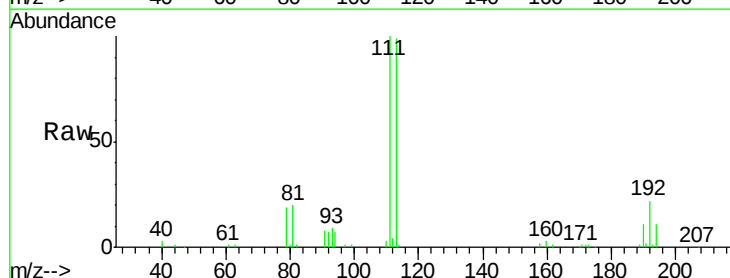
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

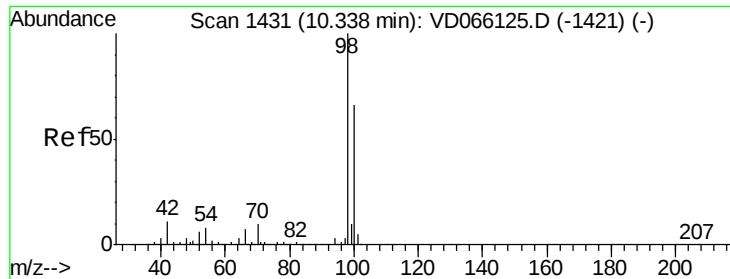
Tot Ion:114 Resp: 479241
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.6
 88 15.2 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 49.169 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066166.D
 Acq: 10 Aug 2020 16:01

Tgt Ion:113 Resp: 149273
 Ion Ratio Lower Upper
 113 100
 111 100.7 80.7 121.1
 192 22.2 18.4 27.6

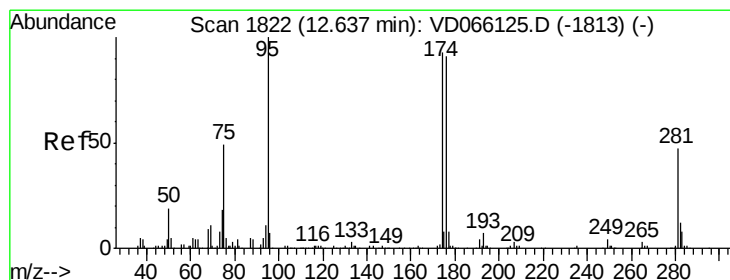
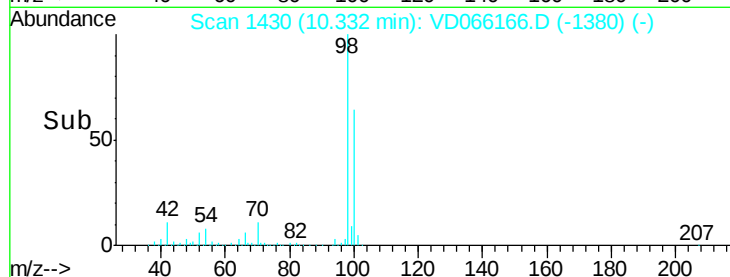
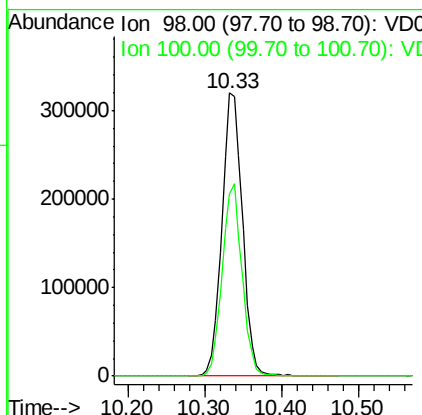
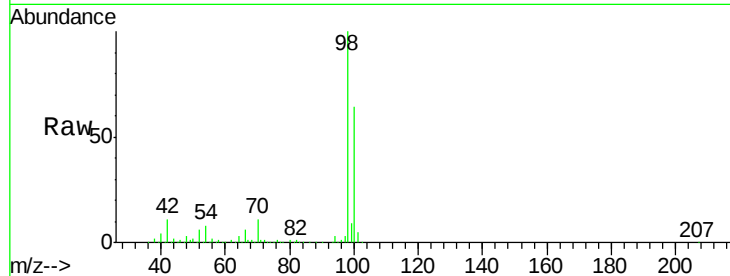




#50
Toluene-d8
Concen: 52.955 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066166.D
Acq: 10 Aug 2020 16:01

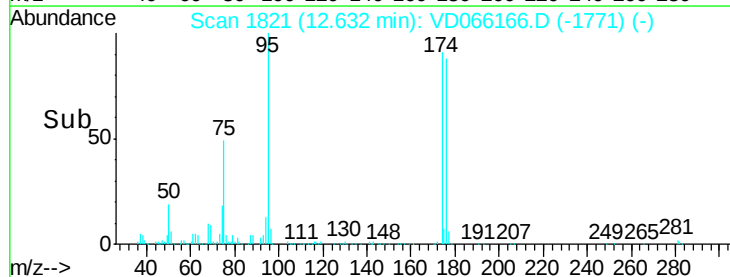
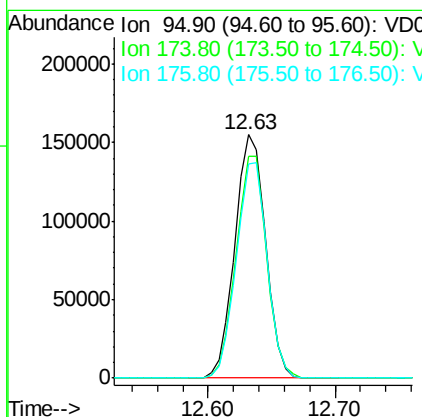
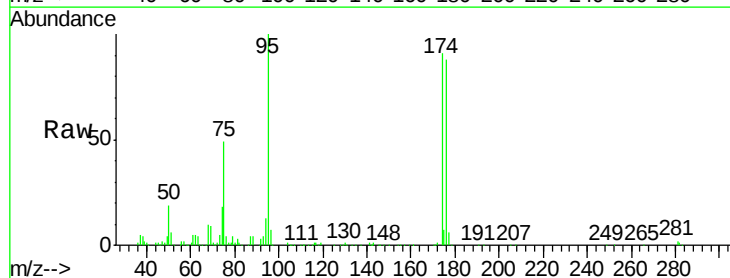
Instrument :
MSVOA_D
ClientSampleId :
TP-1

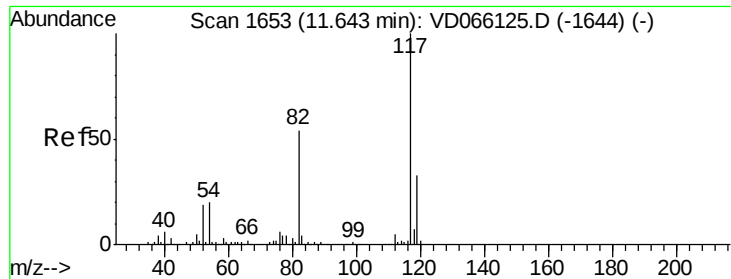
Tot Ion: 98 Resp: 593279
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.382 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066166.D
Acq: 10 Aug 2020 16:01

Tgt Ion: 95 Resp: 259997
Ion Ratio Lower Upper
95 100
174 91.1 0.0 180.8
176 88.4 0.0 181.2

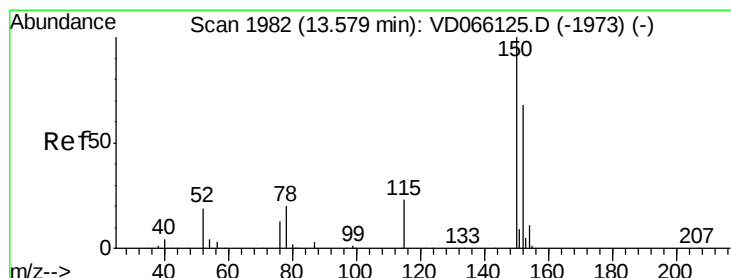
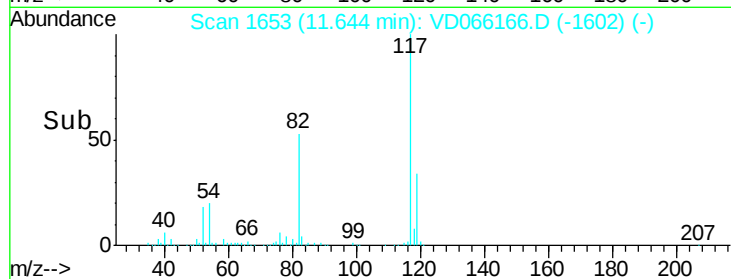
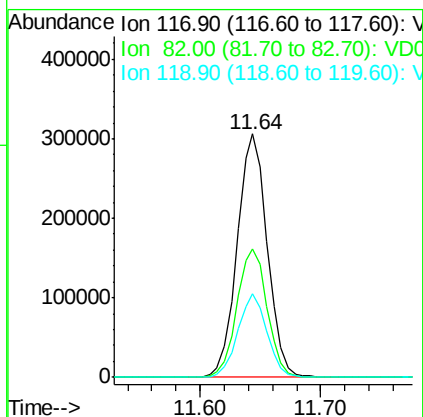
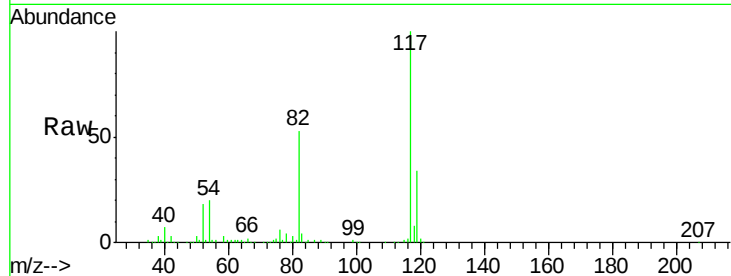




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066166.D
Acq: 10 Aug 2020 16:01

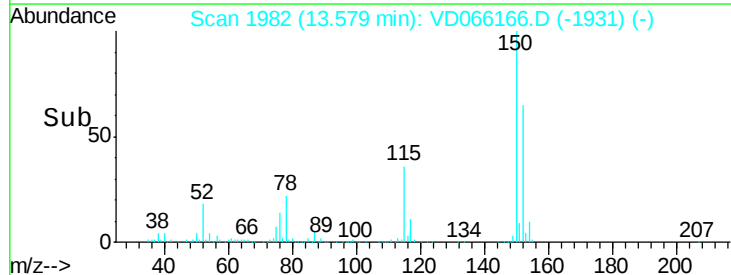
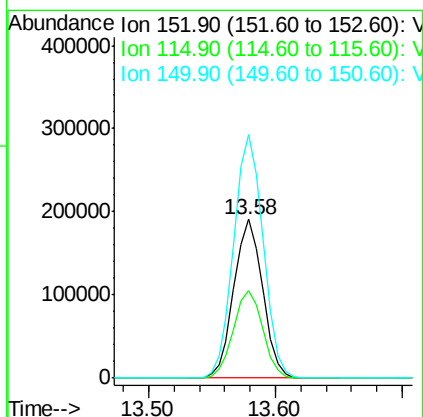
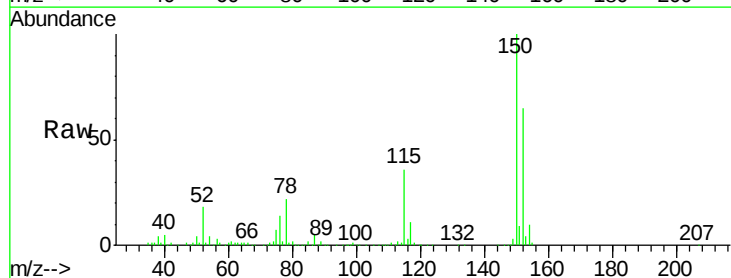
Instrument :
MSVOA_D
ClientSampleId :
TP-1

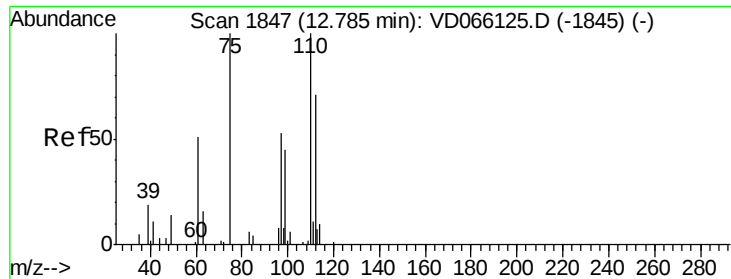
Tot Ion:117 Resp: 531704
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 34.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066166.D
Acq: 10 Aug 2020 16:01

Tgt Ion:152 Resp: 298880
Ion Ratio Lower Upper
152 100
115 56.9 28.0 83.9
150 157.1 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 51.636 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066166.D

Acq: 10 Aug 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

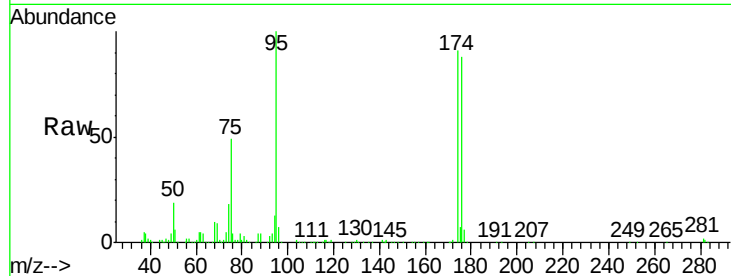
TP-1

Tot Ion: 75 Resp: 128700

Ion Ratio Lower Upper

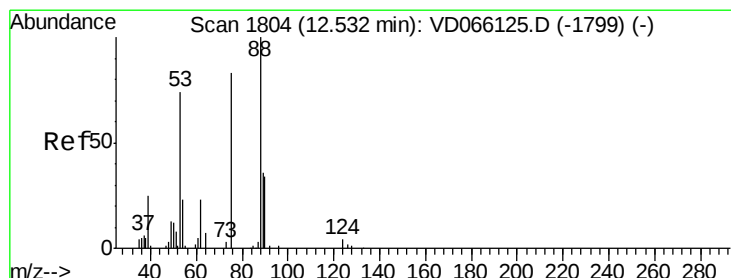
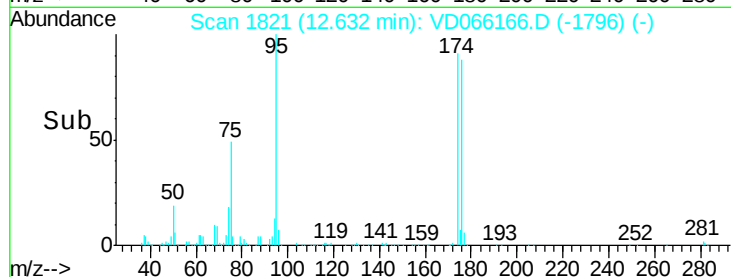
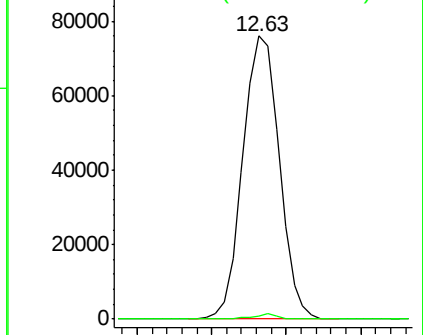
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 114.144 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066166.D

Acq: 10 Aug 2020 16:01

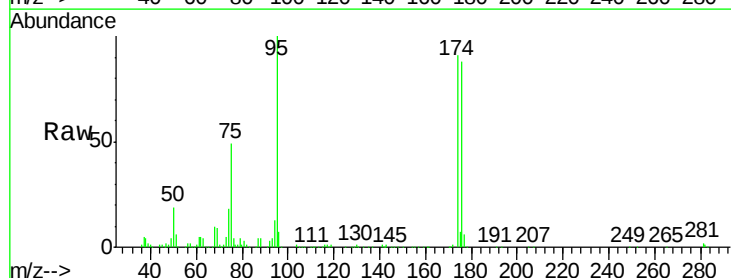
Tgt Ion: 75 Resp: 128700

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

