

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062344.D
 Acq On : 14 May 2019 14:12
 Operator : FY/SY
 Sample : K2733-05RE
 Misc : 6.99g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0206-01RE

Quant Time: May 15 02:00:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

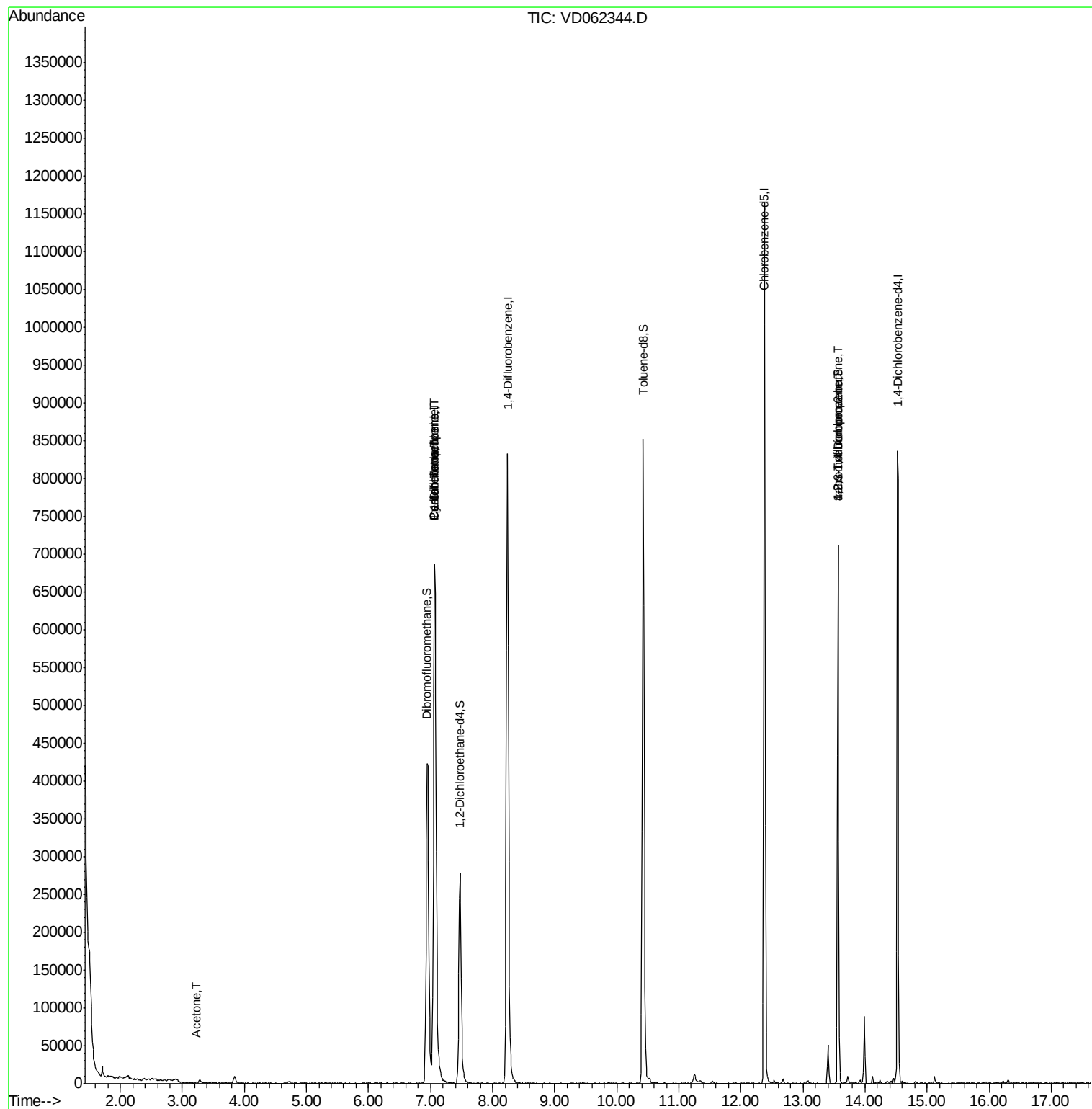
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	678007	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	934200	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	625347	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	192331	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	315131	50.01	ug/l	0.05
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	6.94	113	381957	49.28	ug/l	0.05
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	10.43	98	681137	36.45	ug/l	0.03
Spiked Amount 50.000			Recovery	=	72.90%	
62) 4-Bromofluorobenzene	13.57	95	195603	26.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	52.12%	
Target Compounds						
16) Acetone	3.23	43	1458	1.103	ug/l #	50
31) Cyclohexane	7.06	56	15126	2.288	ug/l #	9
36) 1,1-Dichloropropene	7.06	75	58090	7.584	ug/l #	47
38) Carbon Tetrachloride	7.06	117	70272	6.628	ug/l #	16
76) 1,2,3-Trichloropropane	13.57	75	86616	37.895	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.57	75	86806	134.528	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

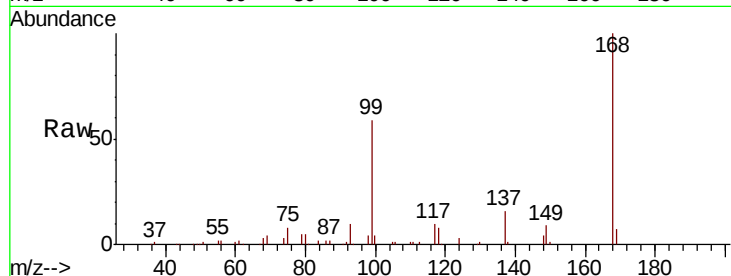
P021-SS001-0206-01RE

Tot Ion:168 Resp: 678007

Ion Ratio Lower Upper

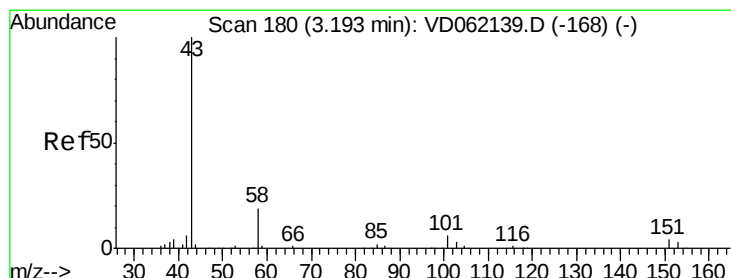
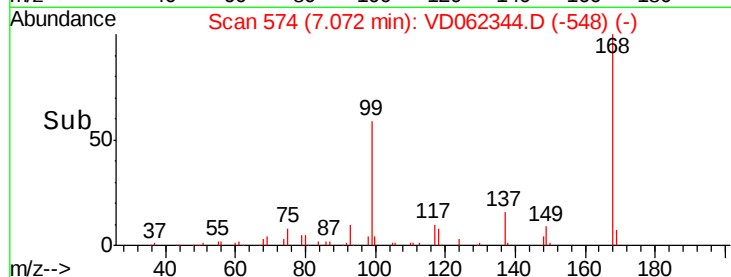
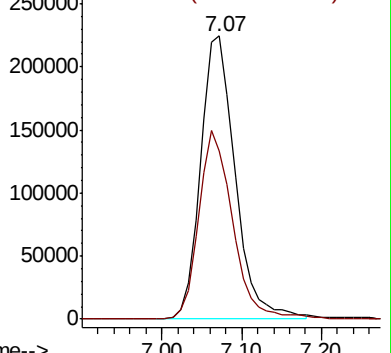
168 100

99 59.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1.103 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062344.D

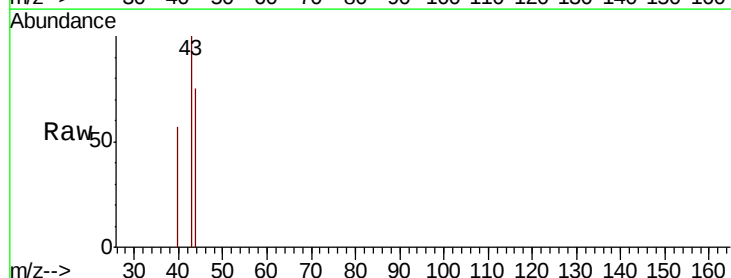
Acq: 14 May 2019 14:12

Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

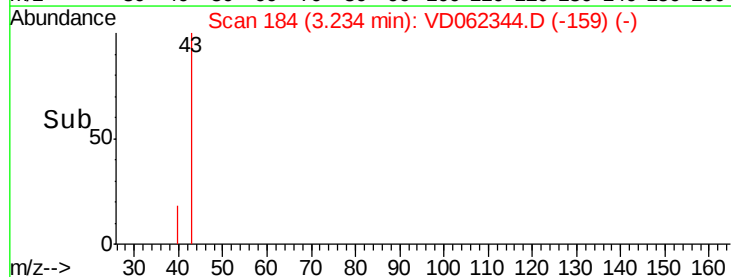
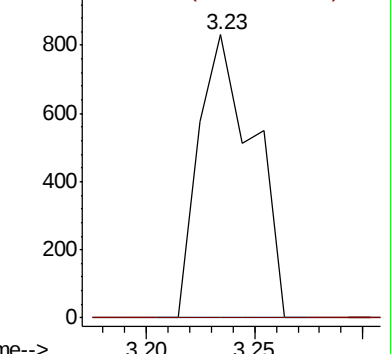
43 100

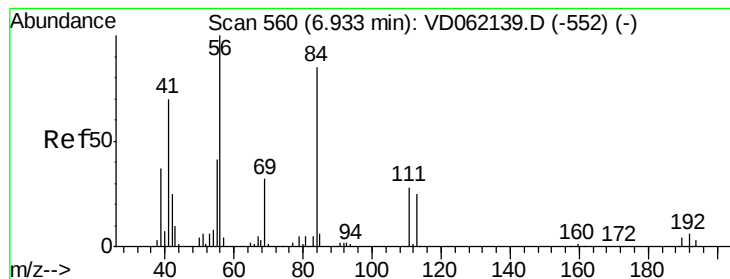
58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#31

Cvclohexane

Concen: 2.288 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.13 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0206-01RE

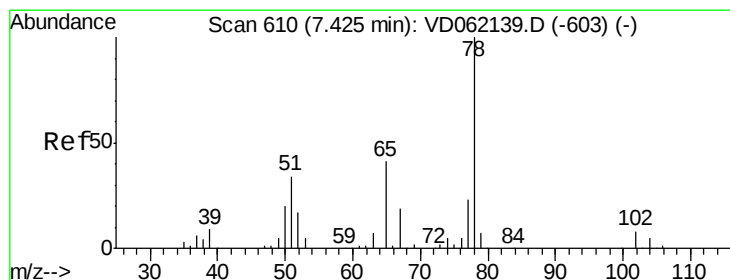
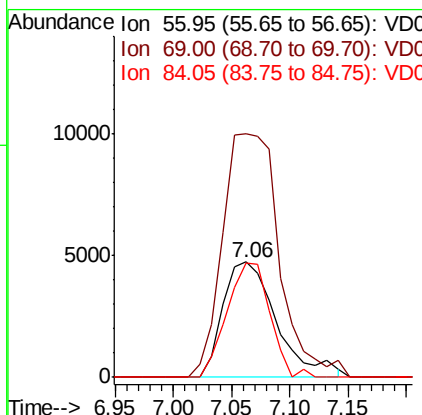
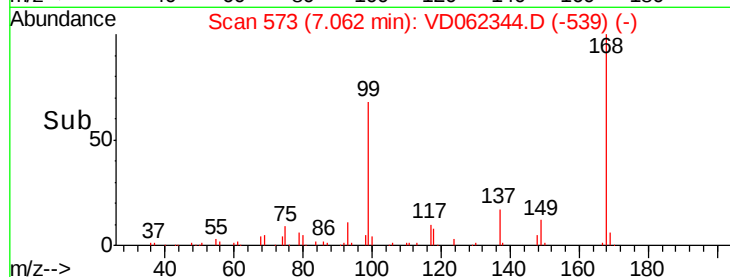
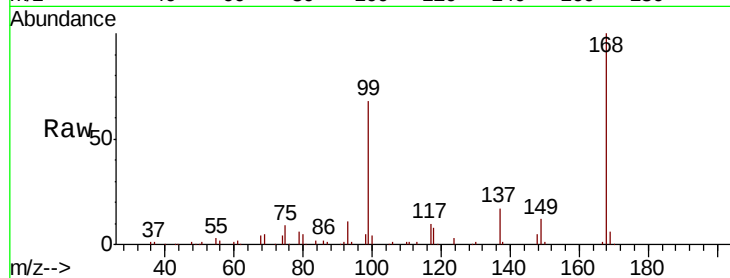
Tot Ion: 56 Resp: 15126

Ion Ratio Lower Upper

56 100

69 211.2 25.8 38.6#

84 99.4 72.2 108.4



#33

1,2-Dichloroethane-d4

Concen: 50.014 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062344.D

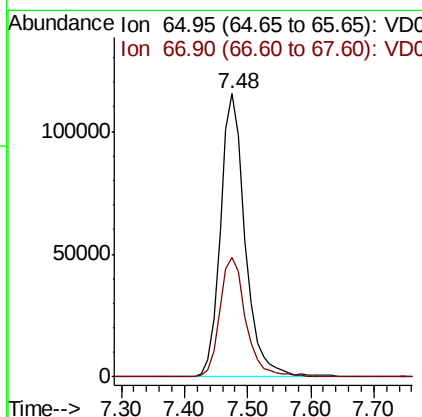
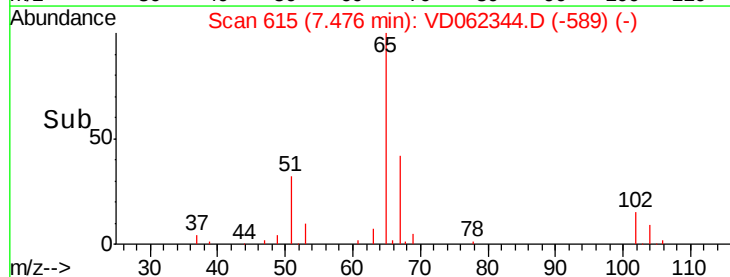
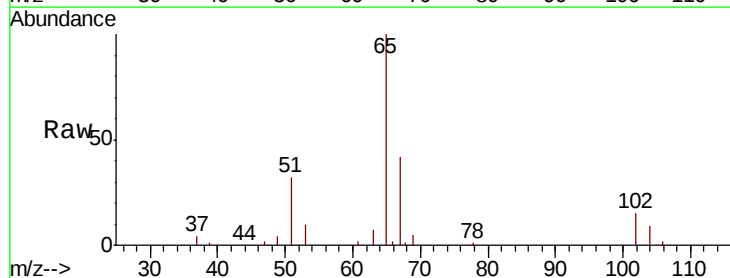
Acq: 14 May 2019 14:12

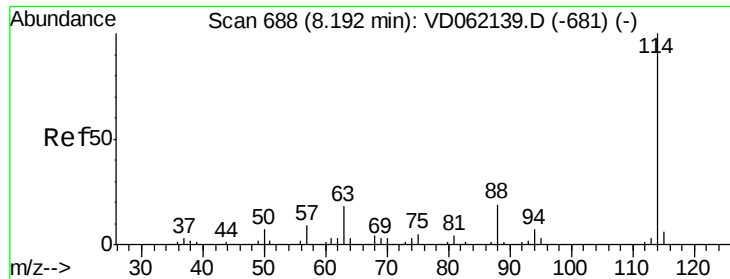
Tgt Ion: 65 Resp: 315131

Ion Ratio Lower Upper

65 100

67 42.2 0.0 98.0

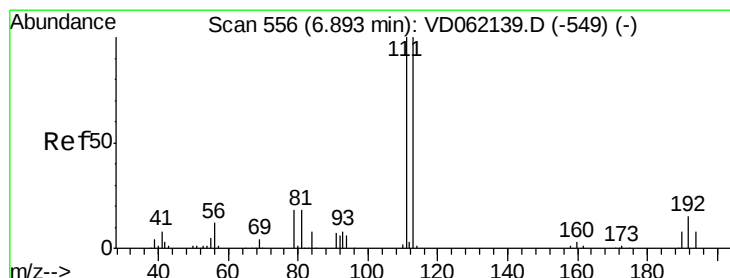
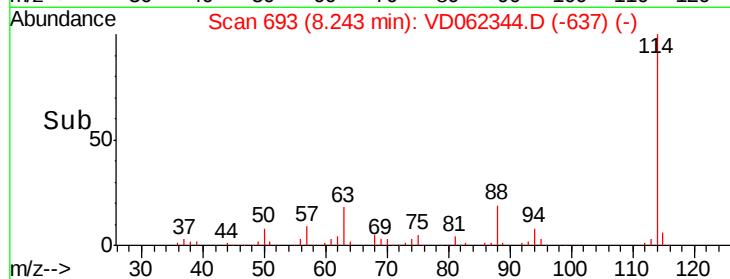
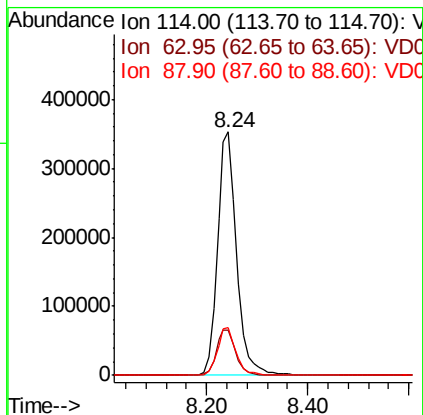
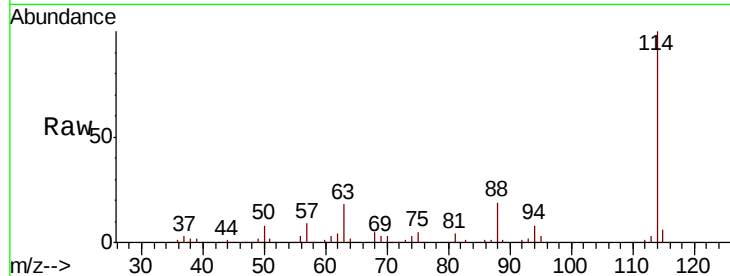




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062344.D
 Acq: 14 May 2019 14:12

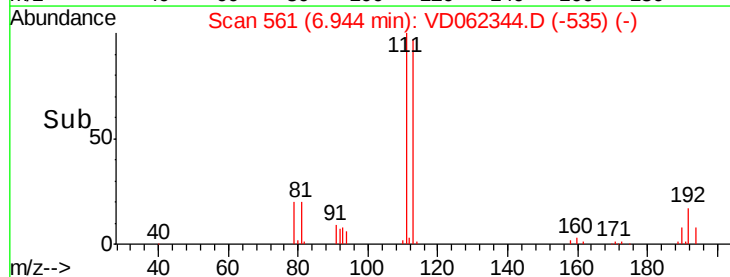
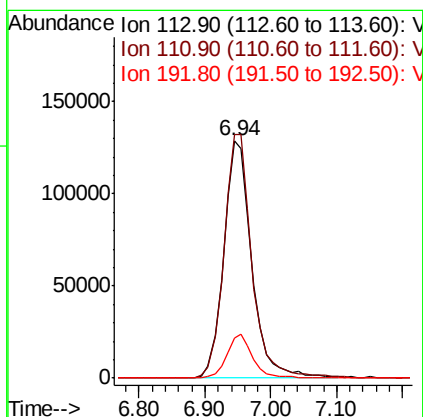
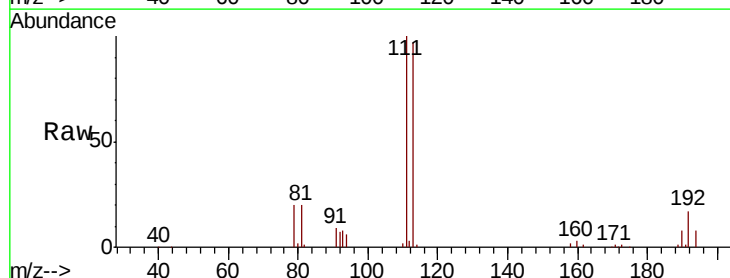
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0206-01RE

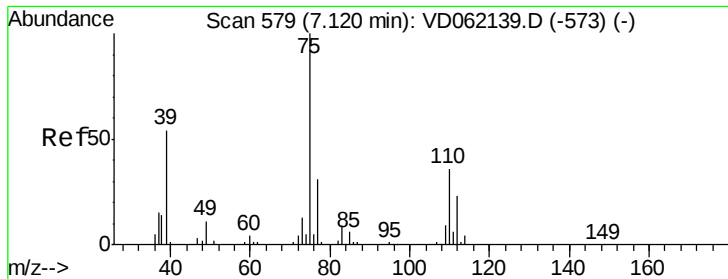
Tot Ion:114 Resp: 934200
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 32.4
 88 19.4 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 49.277 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062344.D
 Acq: 14 May 2019 14:12

Tgt Ion:113 Resp: 381957
 Ion Ratio Lower Upper
 113 100
 111 102.6 78.5 117.7
 192 17.0 13.0 19.4





#36

1,1-Dichloropropene

Concen: 7.584 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.06 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0206-01RE

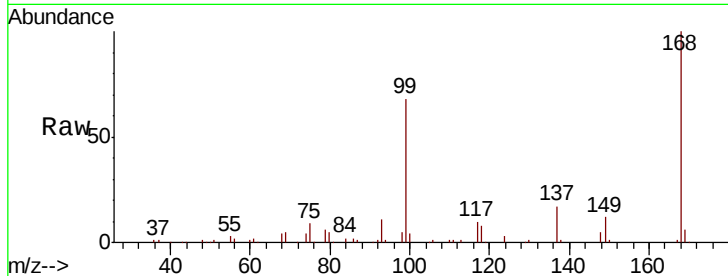
Tot Ion: 75 Resp: 58090

Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.1#

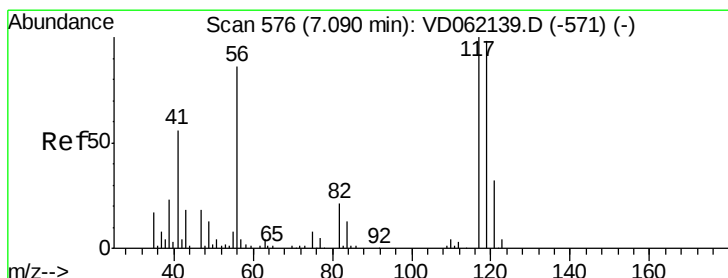
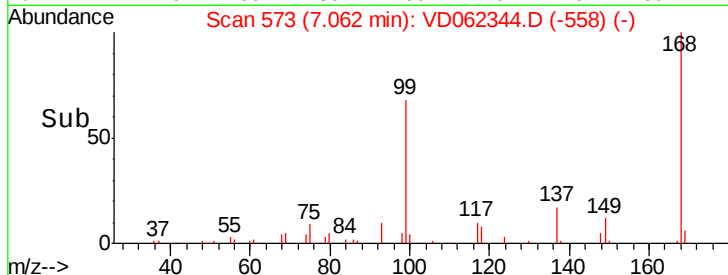
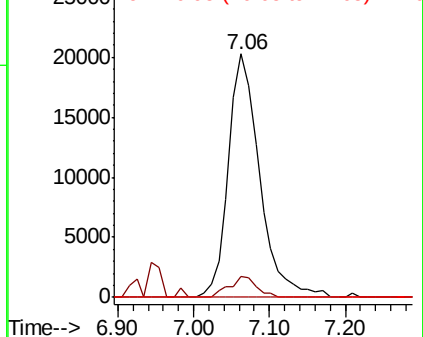
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.628 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

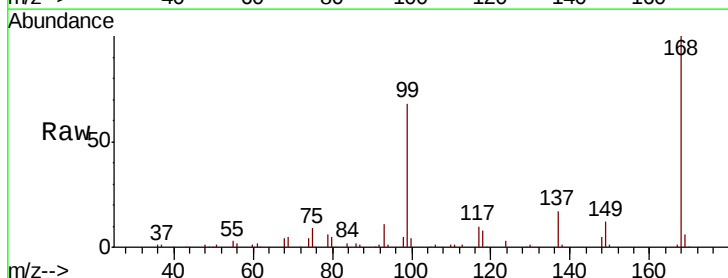
Tgt Ion: 117 Resp: 70272

Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

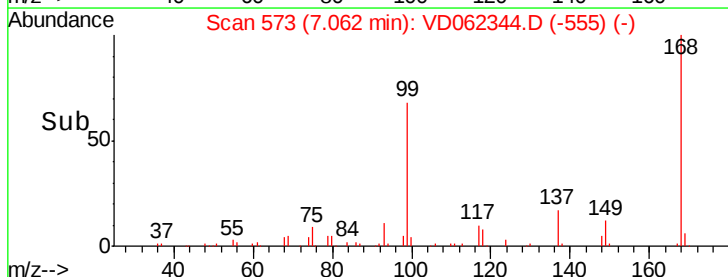
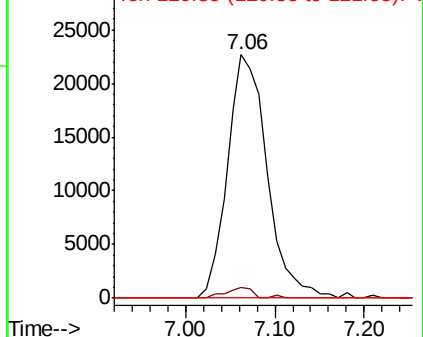
121 0.0 25.9 38.9#

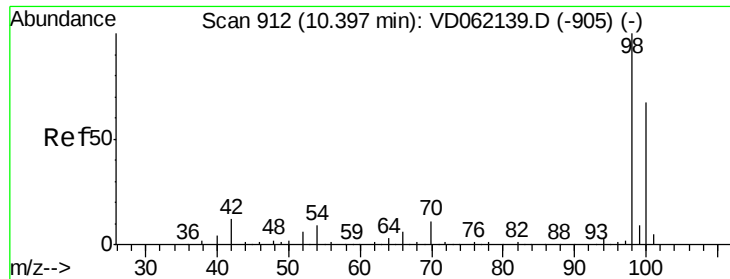


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: 36.447 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

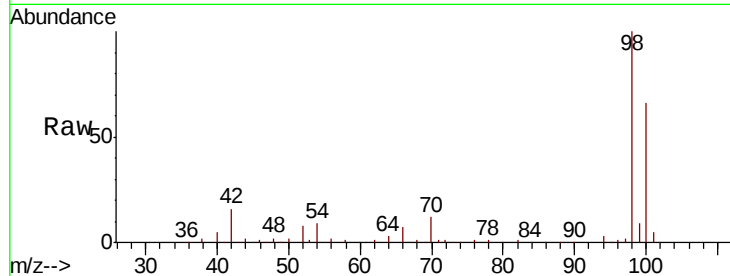
P021-SS001-0206-01RE

Tot Ion: 98 Resp: 681137

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.43

300000

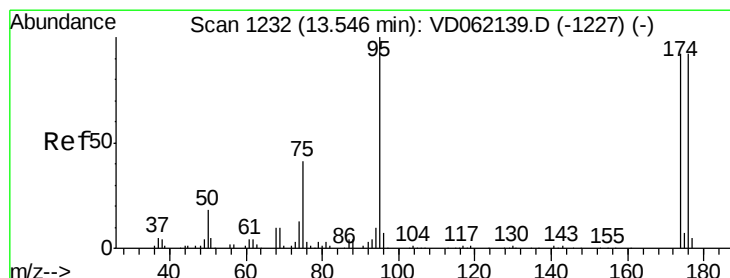
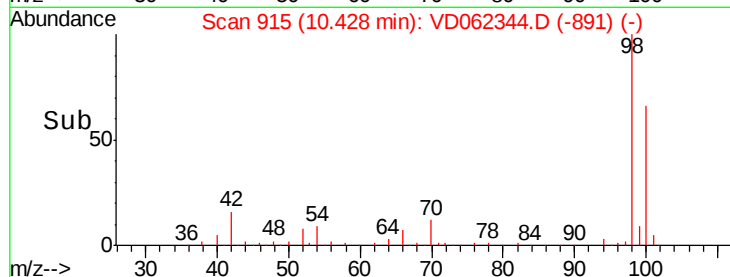
200000

100000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 26.064 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

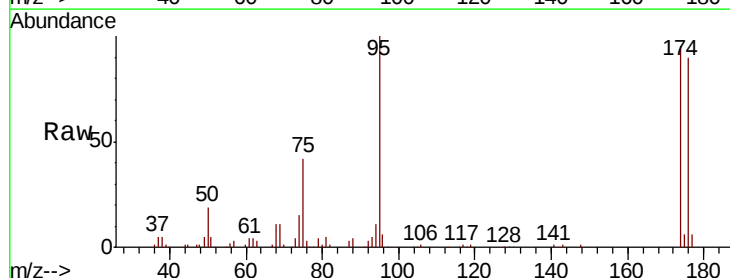
Tgt Ion: 95 Resp: 195603

Ion Ratio Lower Upper

95 100

174 94.9 0.0 181.8

176 89.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.57

150000

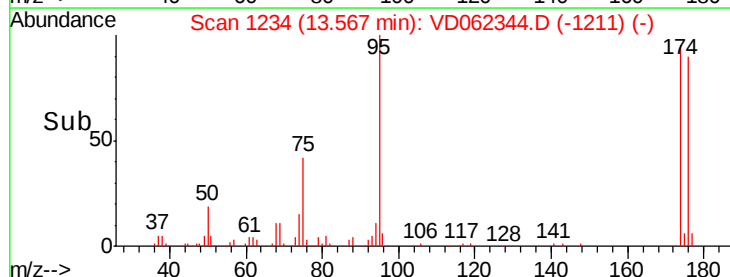
100000

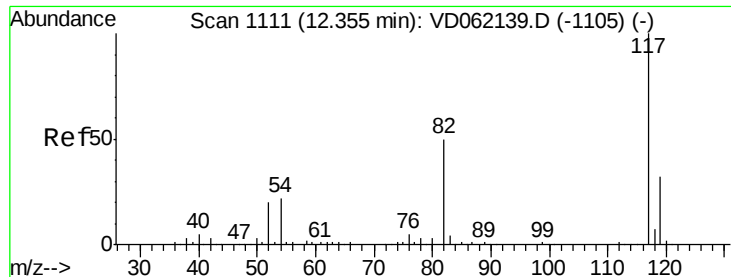
50000

0

13.50 13.60

Time-->

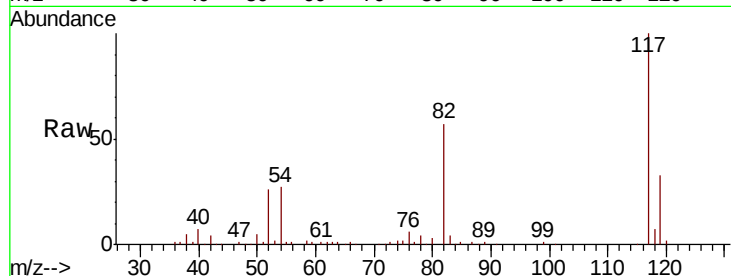




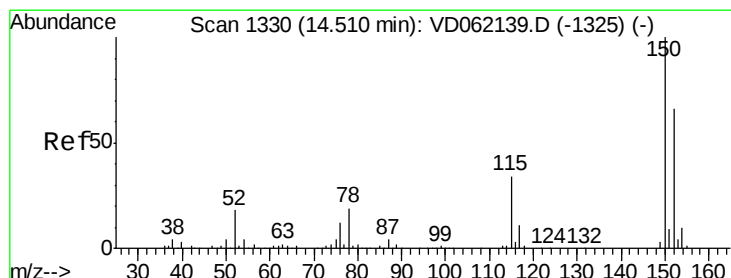
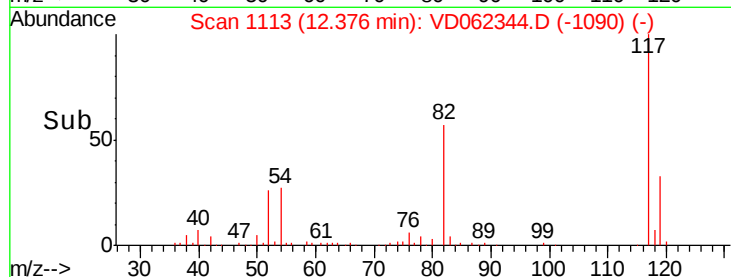
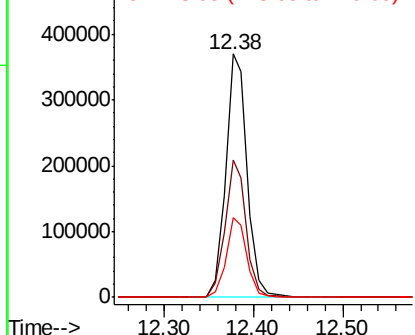
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062344.D
Acq: 14 May 2019 14:12

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0206-01RE

Tot Ion:117 Resp: 625347
Ion Ratio Lower Upper
117 100
82 56.7 36.2 54.2#
119 32.8 26.2 39.4

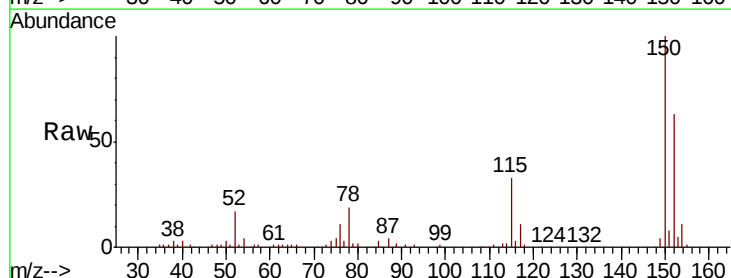


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

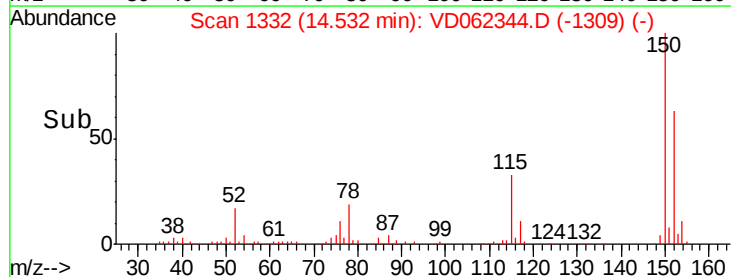
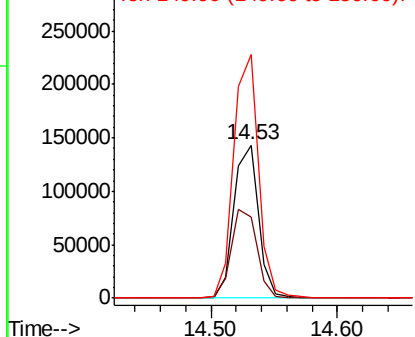


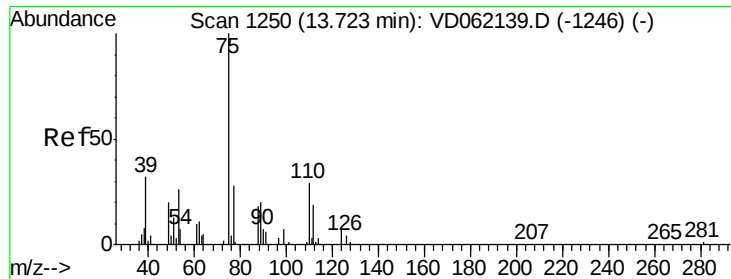
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062344.D
Acq: 14 May 2019 14:12

Tgt Ion:152 Resp: 192331
Ion Ratio Lower Upper
152 100
115 52.9 30.9 92.7
150 159.0 0.0 314.8



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





#76

1,2,3-Trichloropropane

Concen: 37.895 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.16 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

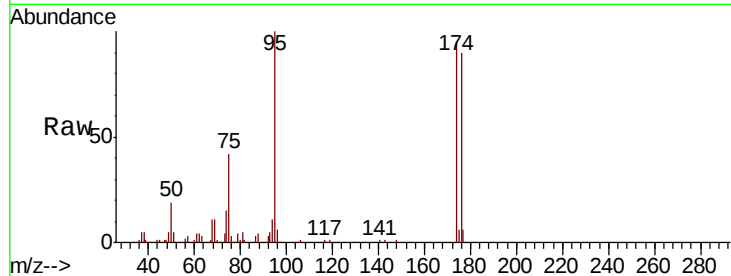
P021-SS001-0206-01RE

Tot Ion: 75 Resp: 86616

Ion Ratio Lower Upper

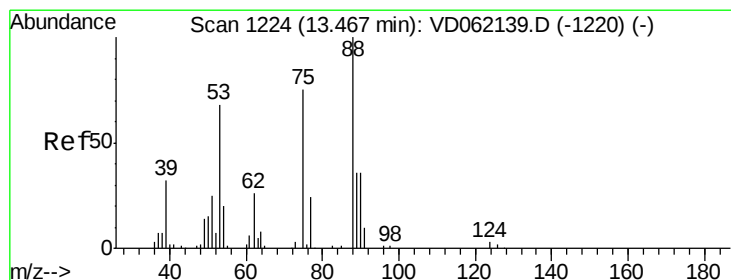
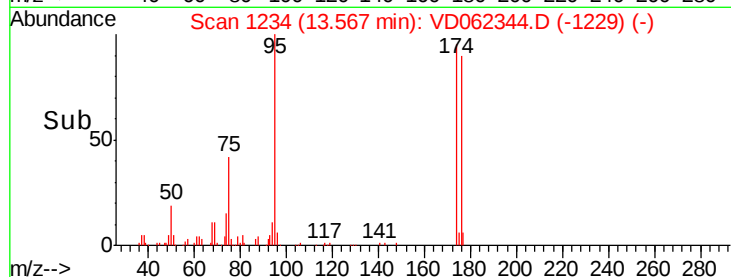
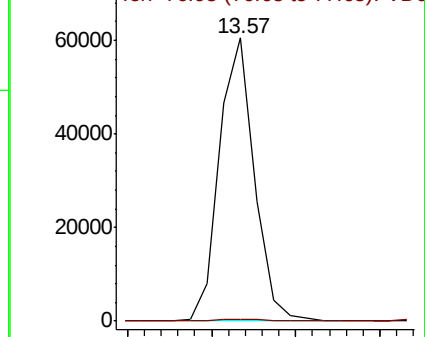
75 100

77 0.8 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 134.528 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.10 min

Lab File: VD062344.D

Acq: 14 May 2019 14:12

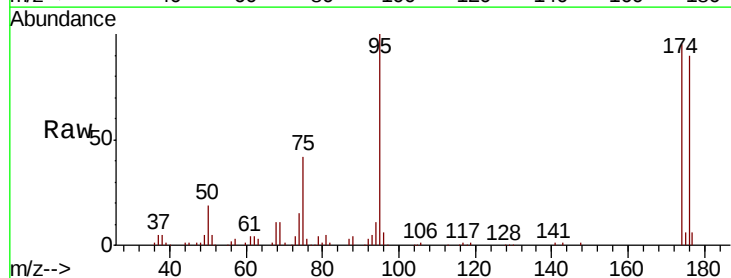
Tgt Ion: 75 Resp: 86806

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

