

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061071.D
 Acq On : 14 Mar 2019 18:13
 Operator : VA/AP
 Sample : K1901-07
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(0.5-1.5)

Quant Time: Mar 15 02:13:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

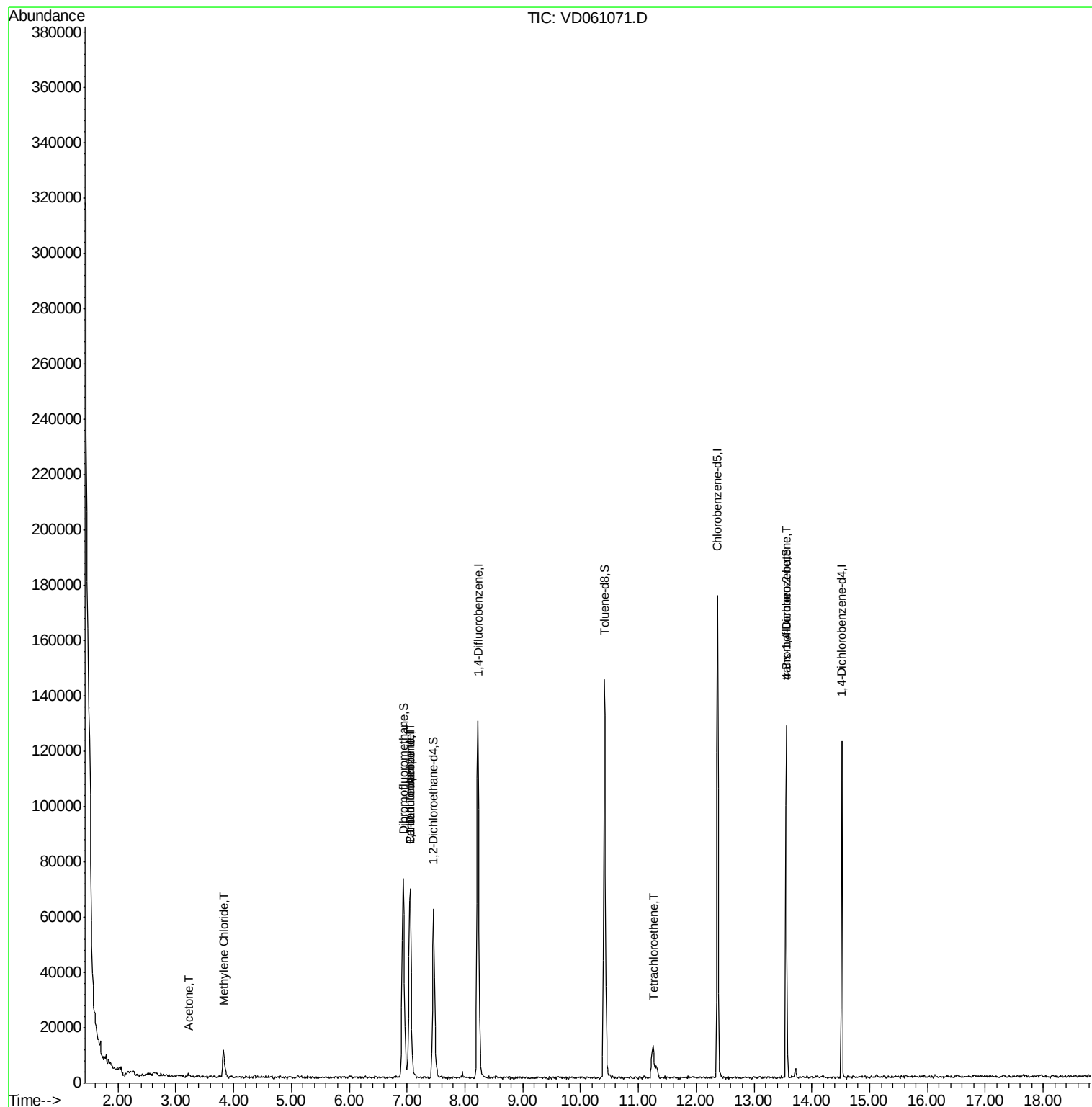
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	78479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	161023	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	111768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	31509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	59440	90.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.98%	
35) Dibromofluoromethane	6.93	113	73630	61.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.22%	
50) Toluene-d8	10.41	98	132471	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
62) 4-Bromofluorobenzene	13.56	95	42699	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.34%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	2037	10.905	ug/l #	48
20) Methylene Chloride	3.82	84	6844	3.718	ug/l #	87
36) 1,1-Dichloropropene	7.04	75	4832	3.481	ug/l #	39
38) Carbon Tetrachloride	7.04	117	6891	4.507	ug/l #	11
64) Tetrachloroethene	11.26	164	1371	1.817	ug/l #	62
81) trans-1,4-Dichloro-2-buten	13.55	75	14868	111.249	ug/l #	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

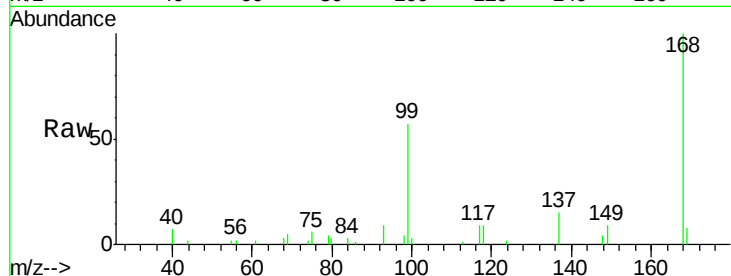
SB-6(0.5-1.5)

Tot Ion:168 Resp: 78479

Ion Ratio Lower Upper

168 100

99 57.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

25000

20000

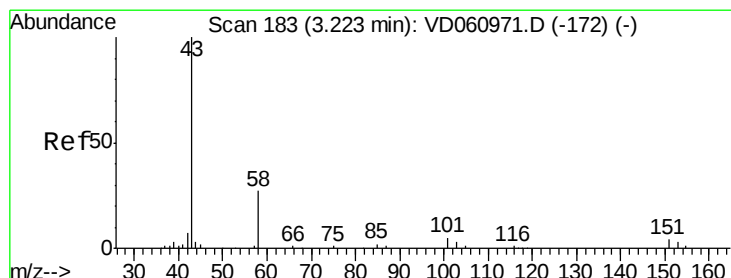
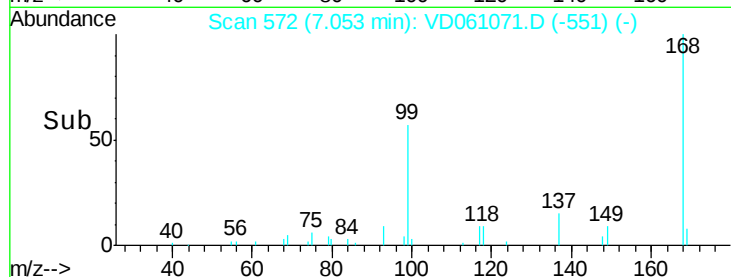
15000

10000

5000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 10.905 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061071.D

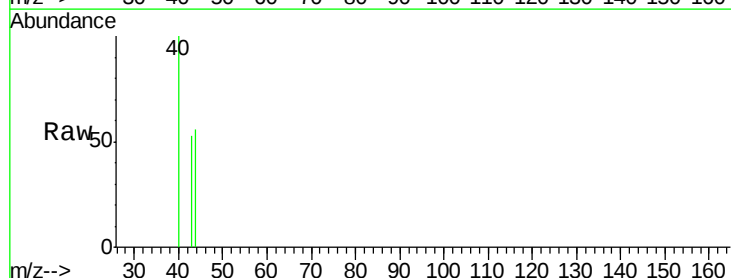
Acq: 14 Mar 2019 18:13

Tgt Ion: 43 Resp: 2037

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

800

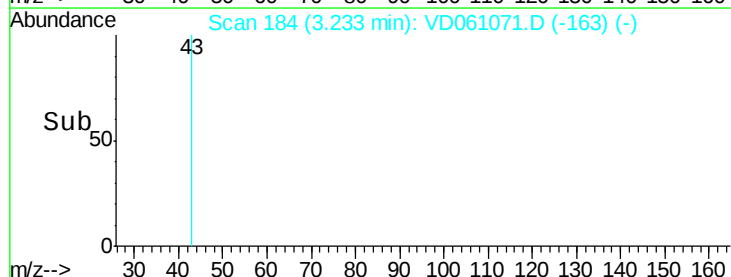
600

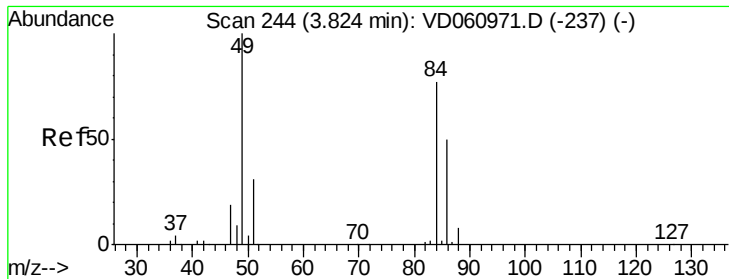
400

200

0

Time--> 3.15 3.20 3.25 3.30

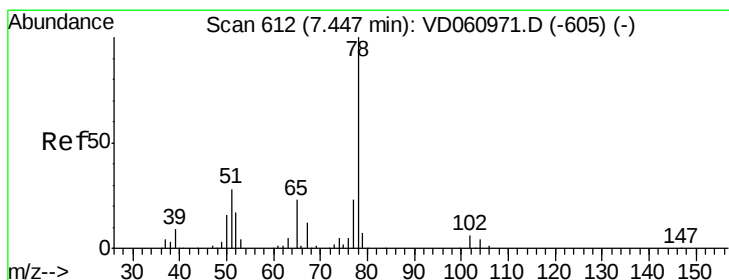
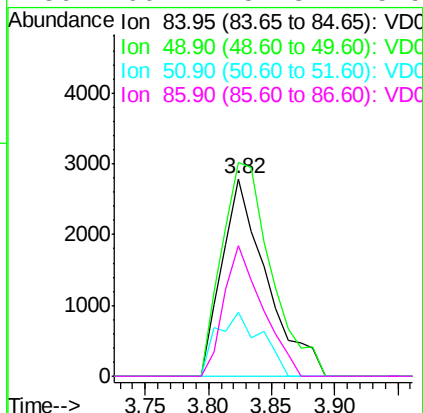
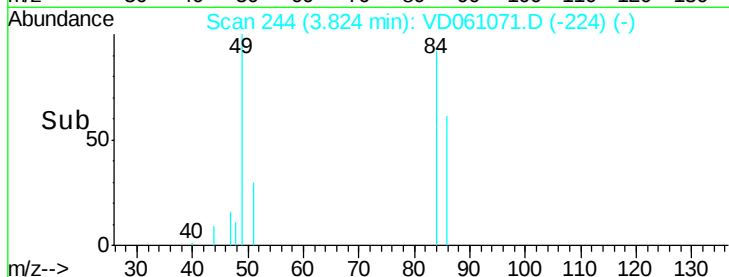
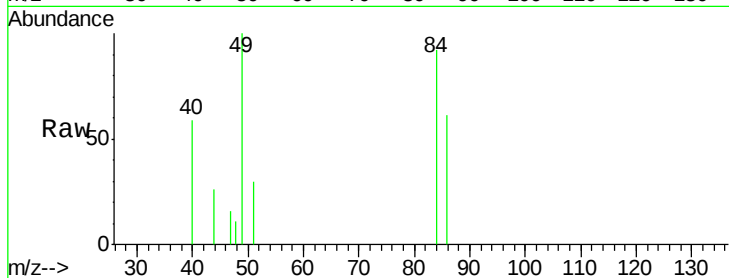




#20
Methylene Chloride
Concen: 3.718 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061071.D
Acq: 14 Mar 2019 18:13

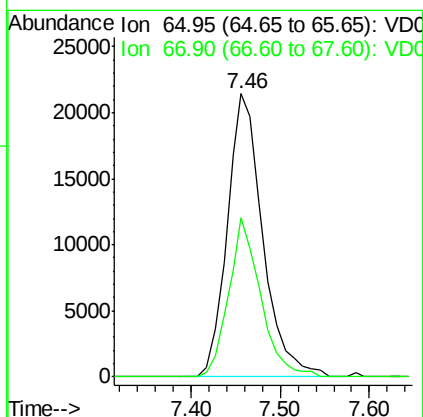
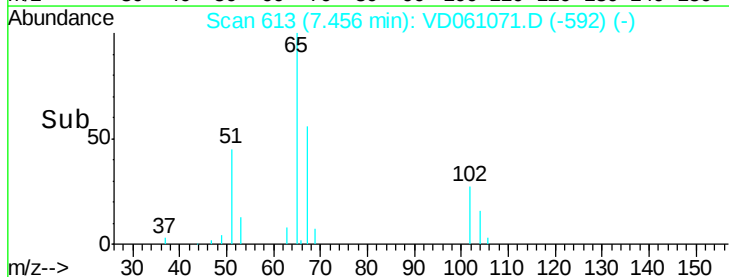
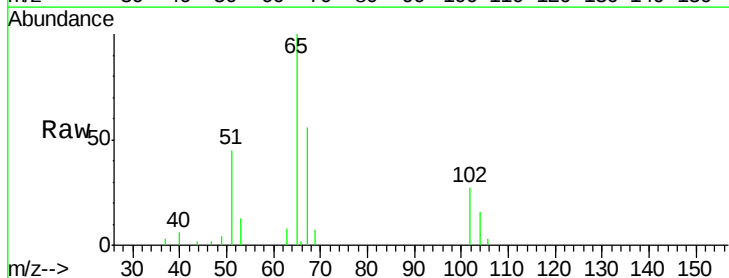
Instrument :
MSVOA_D
ClientSampleId :
SB-6(0.5-1.5)

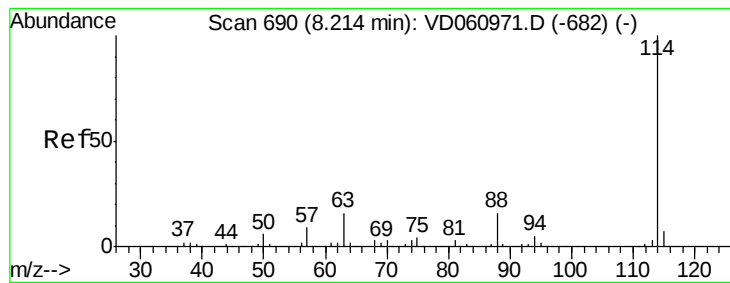
Tot Ion: 84 Resp: 6844
Ion Ratio Lower Upper
84 100
49 108.3 104.2 156.2
51 32.2 32.3 48.5#
86 66.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061071.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 65 Resp: 59440
Ion Ratio Lower Upper
65 100
67 56.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

SB-6(0.5-1.5)

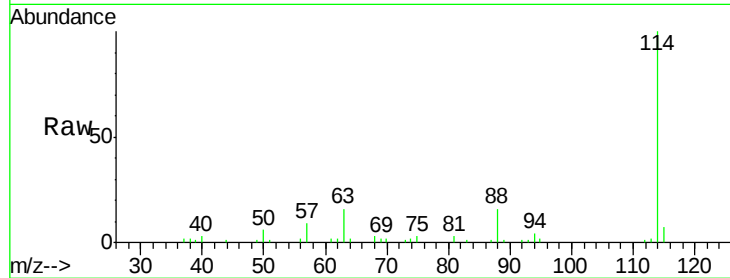
Tot Ion:114 Resp: 161023

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

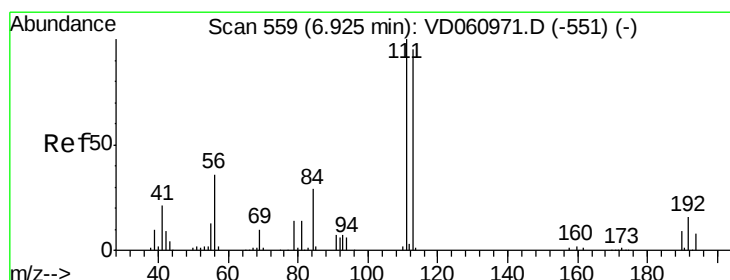
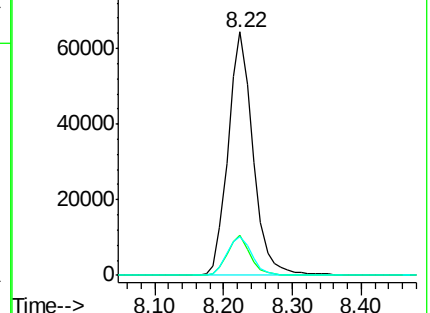
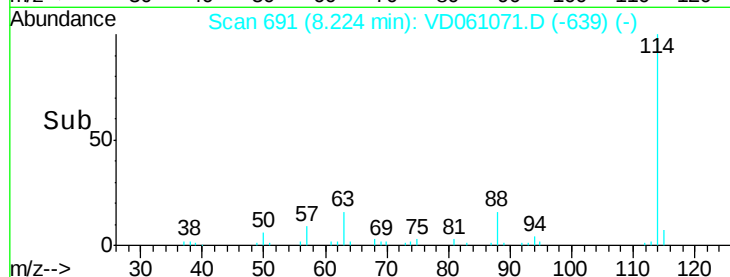
88 15.8 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

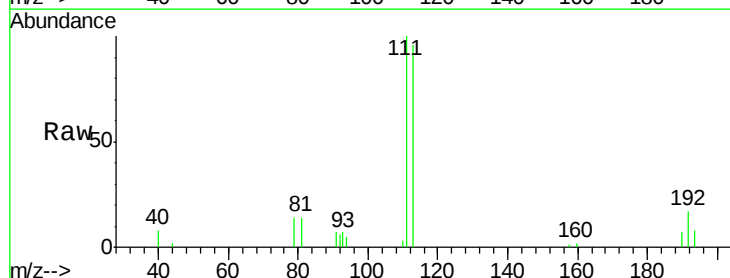
Tgt Ion:113 Resp: 73630

Ion Ratio Lower Upper

113 100

111 104.6 84.2 126.4

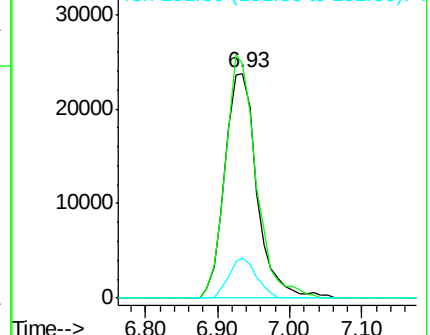
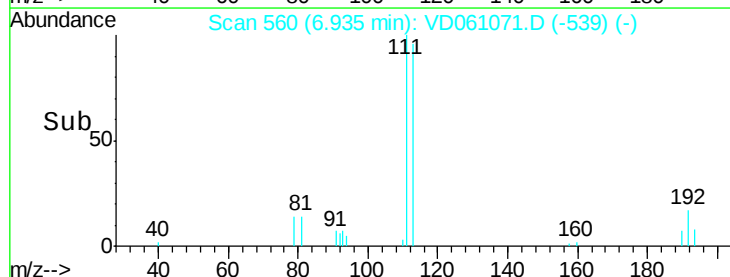
192 18.1 13.1 19.7

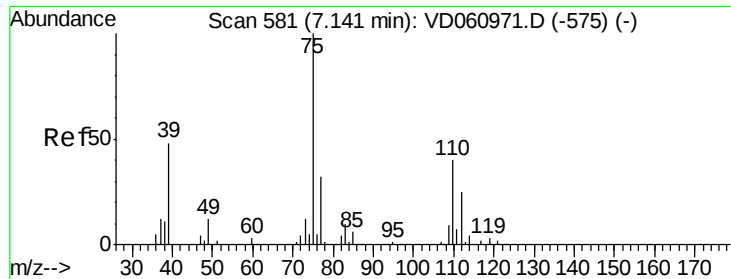


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 3.481 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.10 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

SB-6(0.5-1.5)

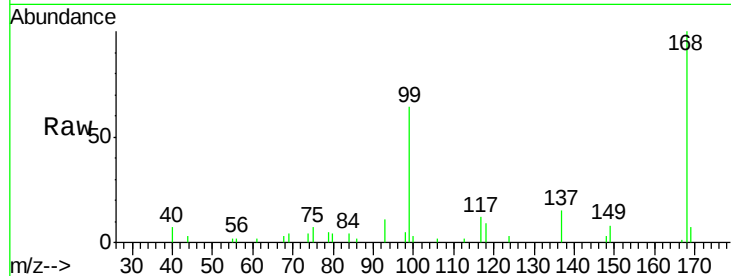
Tot Ion: 75 Resp: 4832

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.1#

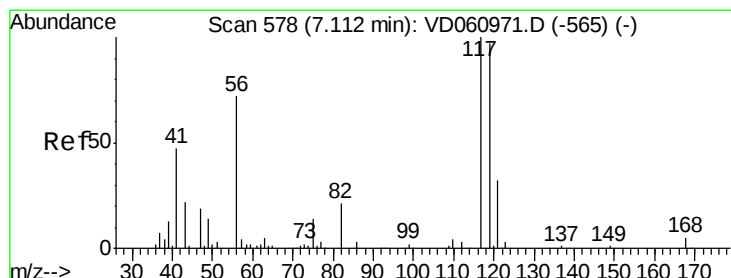
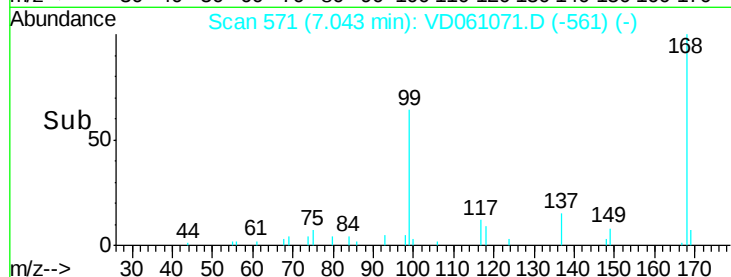
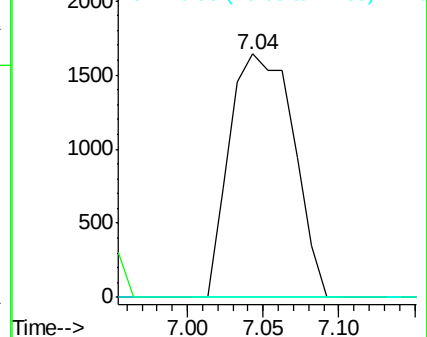
77 0.0 24.7 37.1#



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: 4.507 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

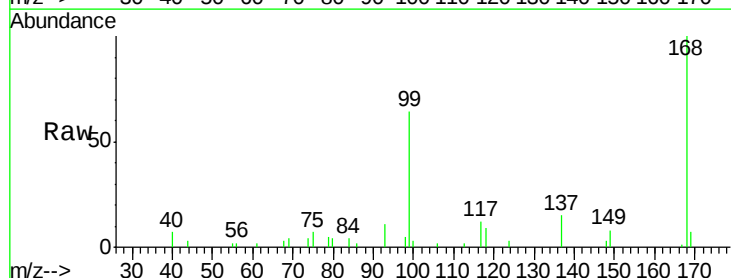
Tgt Ion: 117 Resp: 6891

Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.8#

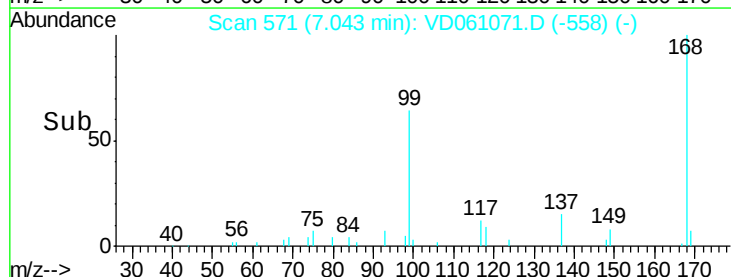
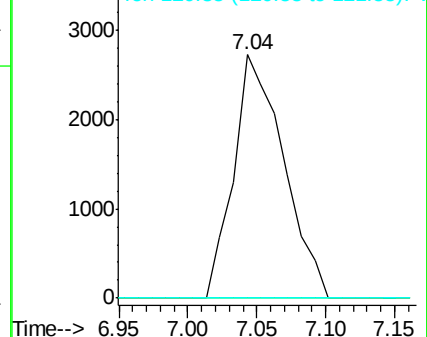
121 0.0 25.3 37.9#

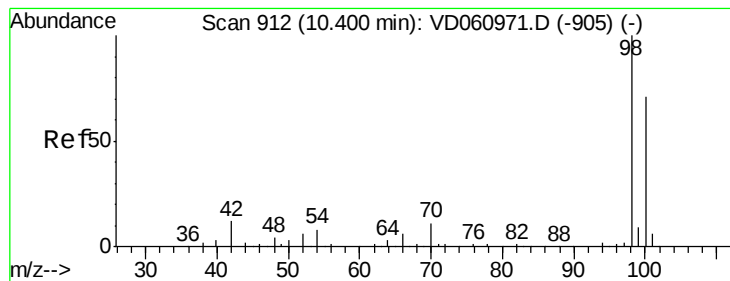


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

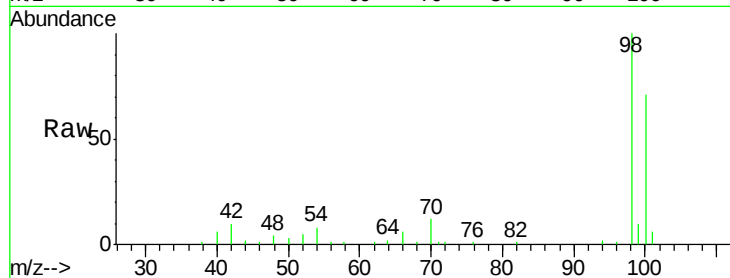
SB-6(0.5-1.5)

Tot Ion: 98 Resp: 132471

Ion Ratio Lower Upper

98 100

100 71.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.41

60000

50000

40000

30000

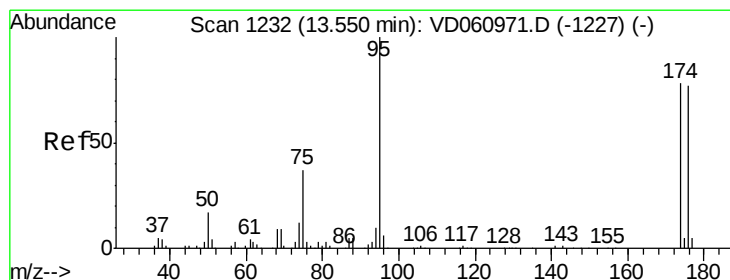
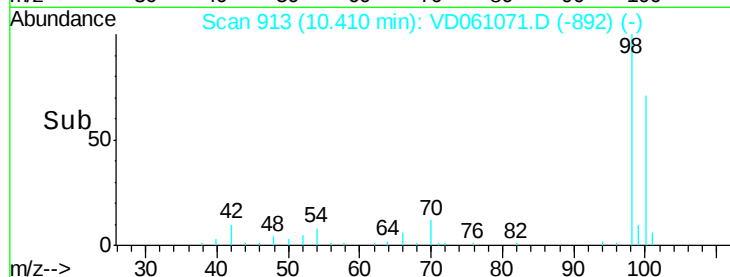
20000

10000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

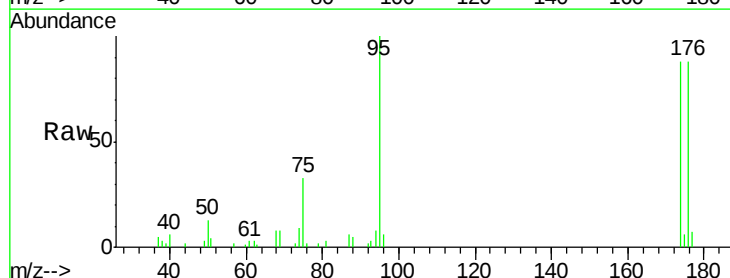
Tgt Ion: 95 Resp: 42699

Ion Ratio Lower Upper

95 100

174 87.7 0.0 155.6

176 87.5 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

40000

30000

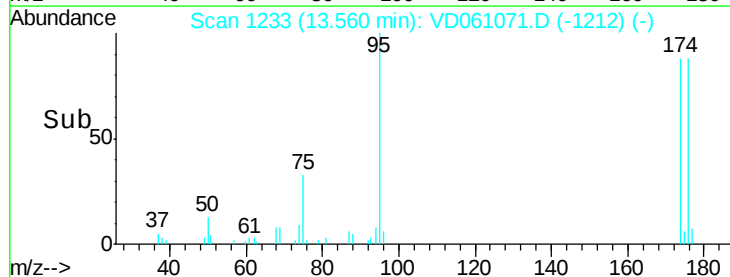
20000

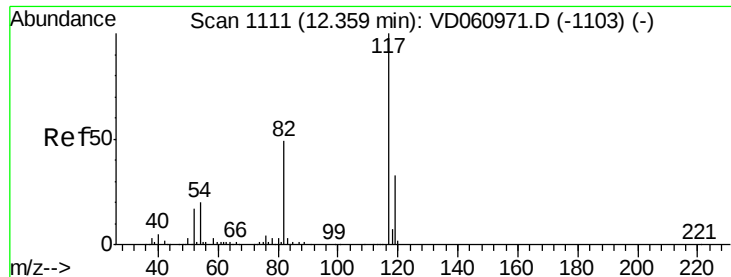
10000

0

Time-->

13.50 13.55 13.60

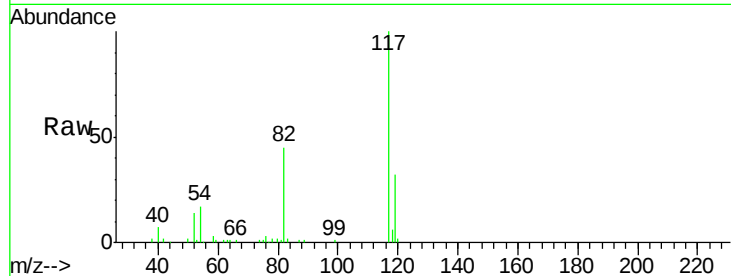




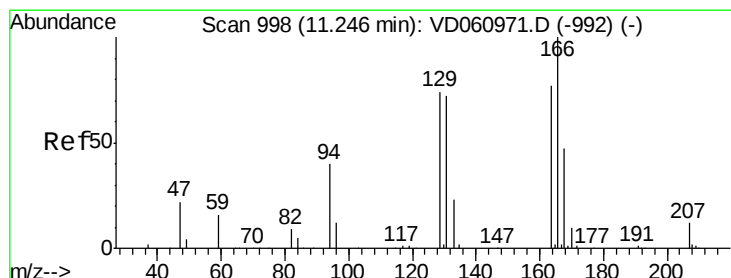
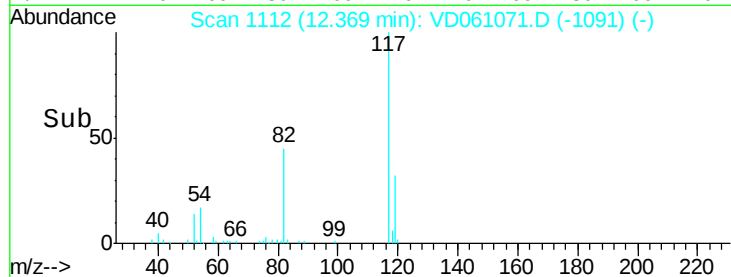
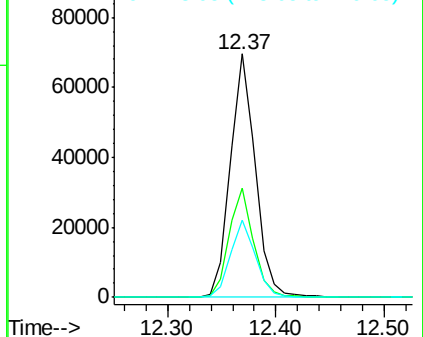
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061071.D
Acq: 14 Mar 2019 18:13

Instrument :
MSVOA_D
ClientSampleId :
SB-6(0.5-1.5)

Tot Ion:117 Resp: 111768
Ion Ratio Lower Upper
117 100
82 44.6 38.9 58.3
119 31.5 26.6 39.8

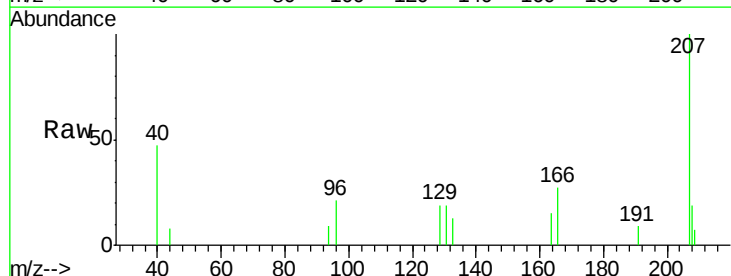


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

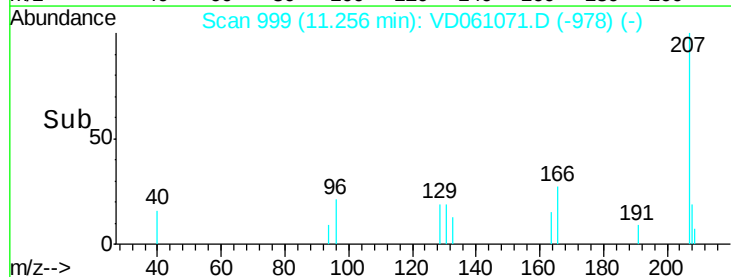
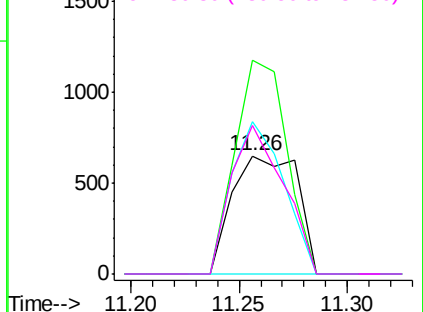


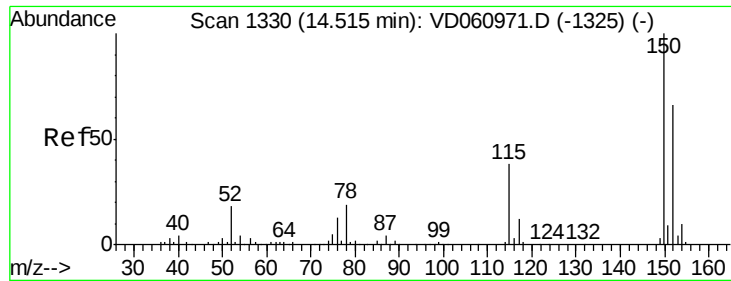
#64
Tetrachloroethene
Concen: 1.817 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061071.D
Acq: 14 Mar 2019 18:13

Tgt Ion:164 Resp: 1371
Ion Ratio Lower Upper
164 100
166 180.5 103.4 155.0#
129 128.4 76.9 115.3#
131 125.2 74.4 111.6#



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

SB-6(0.5-1.5)

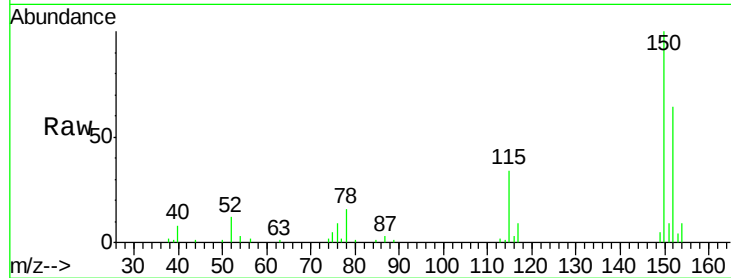
Tot Ion:152 Resp: 31509

Ion Ratio Lower Upper

152 100

115 53.0 28.6 85.9

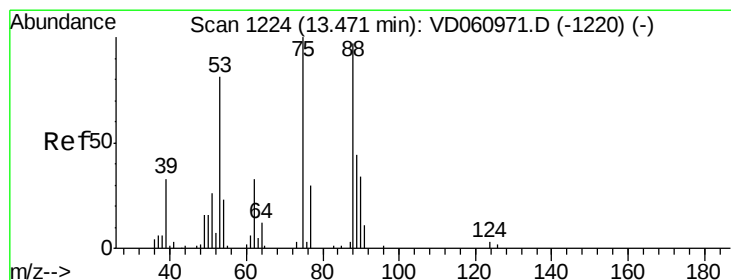
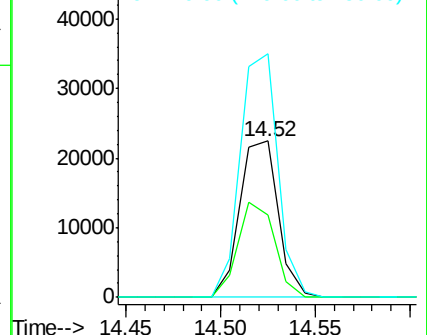
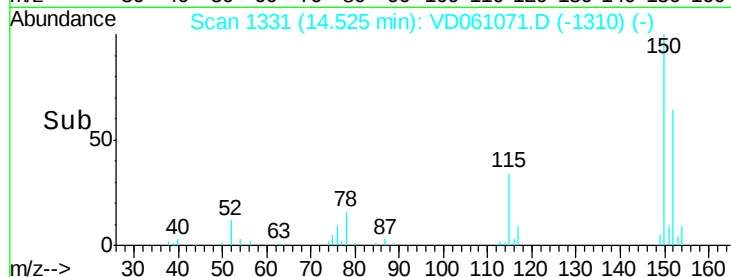
150 155.6 0.0 310.6



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: 111.249 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

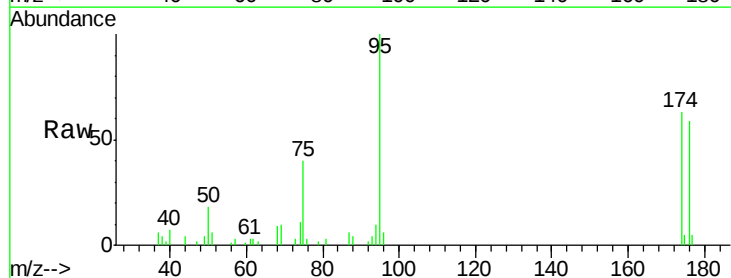
Tgt Ion: 75 Resp: 14868

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

