

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122018\
 Data File : VD060660.D
 Acq On : 20 Dec 2018 15:53
 Operator : VA/AP
 Sample : VD1220SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 03:38:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

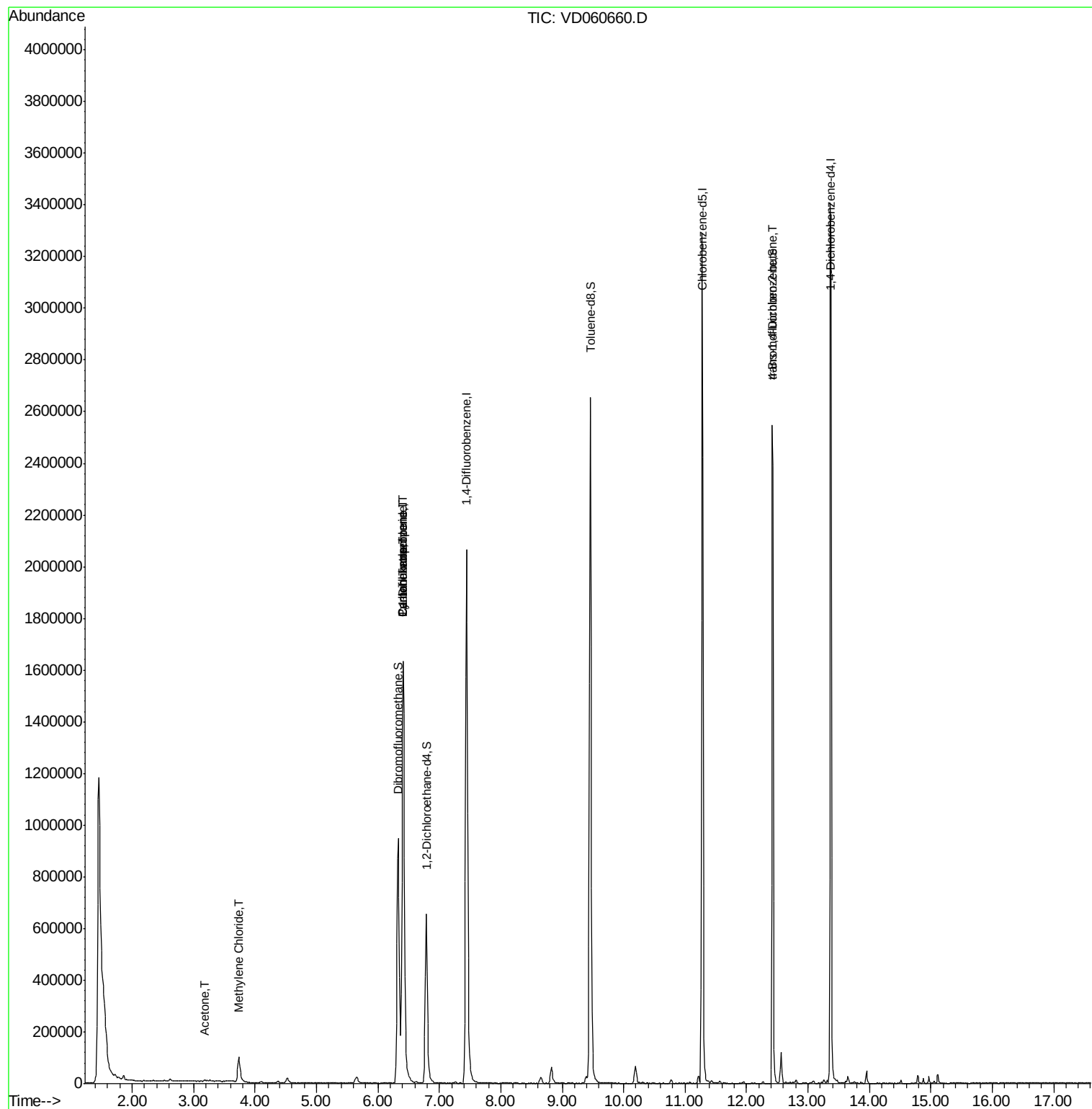
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1648227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	2247183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1773983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	886020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	545137	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	6.33	113	767876	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	9.46	98	2293397	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
62) 4-Bromofluorobenzene	12.42	95	799652	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
					Qvalue	
16) Acetone	3.16	43	7477	3.759	ug/l #	53
20) Methylene Chloride	3.73	84	61726	2.988	ug/l	96
31) Cyclohexane	6.41	56	31948	1.111	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	115229	4.980	ug/l #	45
38) Carbon Tetrachloride	6.41	117	129812	6.359	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.42	75	315020	113.018	ug/l #	13

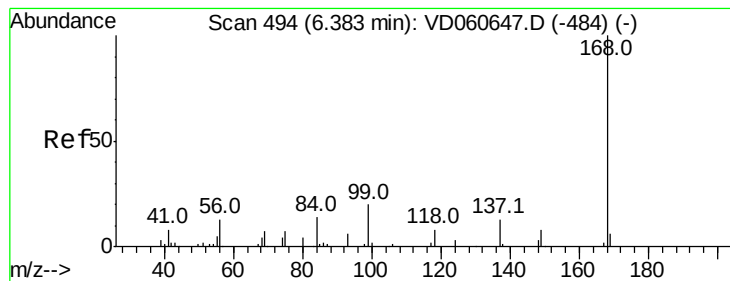
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122018\
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MSVOA_D
ClientSampleId :

Quant Time: Dec 21 03:38:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.00 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

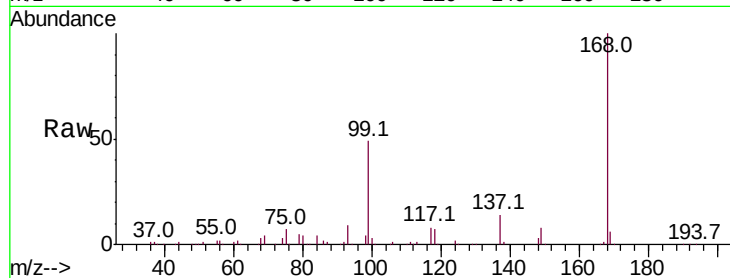
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1648227

Ion Ratio Lower Upper

168 100

99 49.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

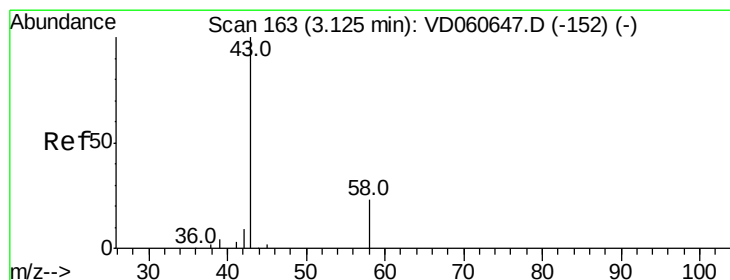
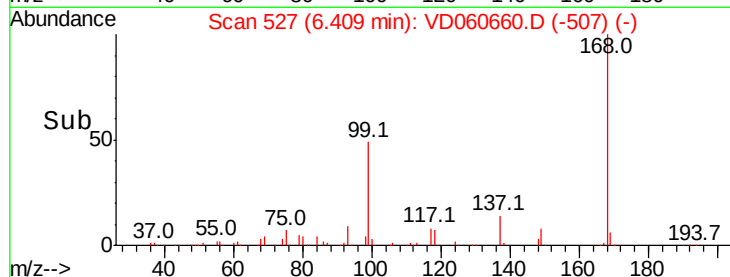
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 3.759 ug/l

RT: 3.16 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD060660.D

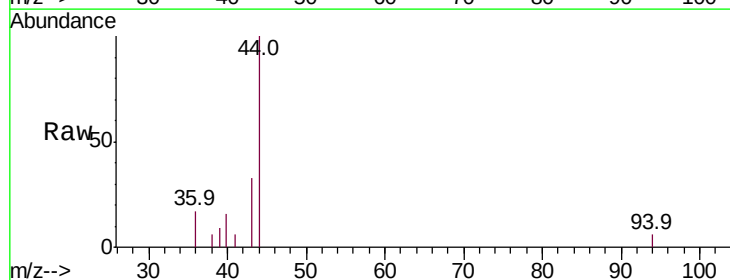
Acq: 20 Dec 2018 15:53

Tgt Ion: 43 Resp: 7477

Ion Ratio Lower Upper

43 100

58 0.0 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

2000

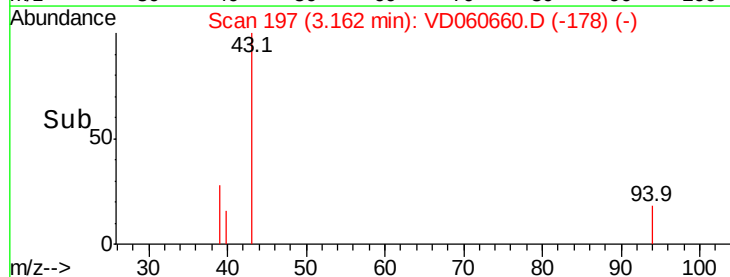
1500

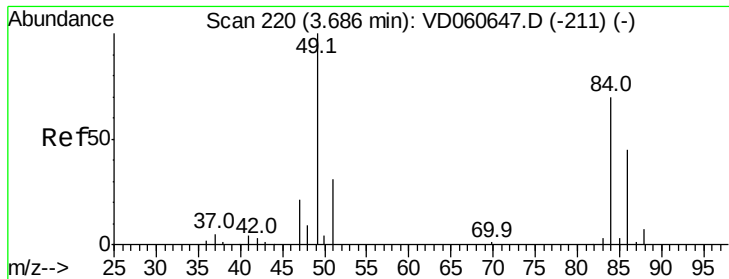
1000

500

0

Time-->





#20

Methvlene Chloride

Concen: 2.988 ug/l

RT: 3.73 min Scan# 255

Delta R.T. 0.00 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 61726

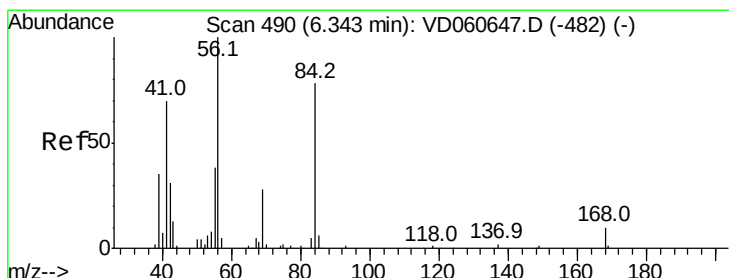
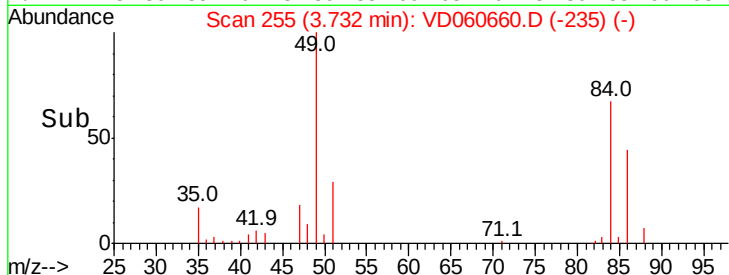
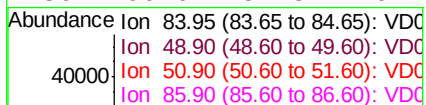
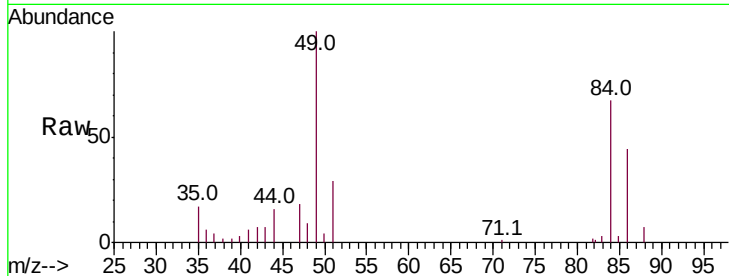
Ion Ratio Lower Upper

84 100

49 149.6 113.6 170.4

51 43.6 34.7 52.1

86 66.6 52.8 79.2



#31

Cyclohexane

Concen: 1.111 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.04 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

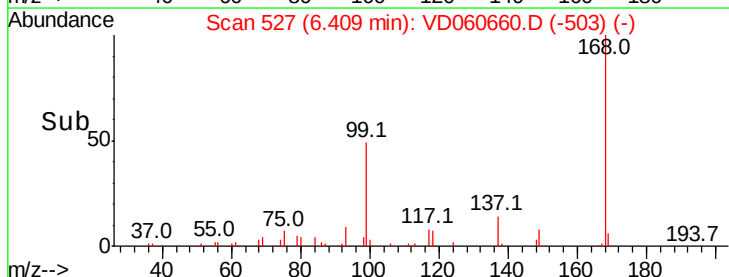
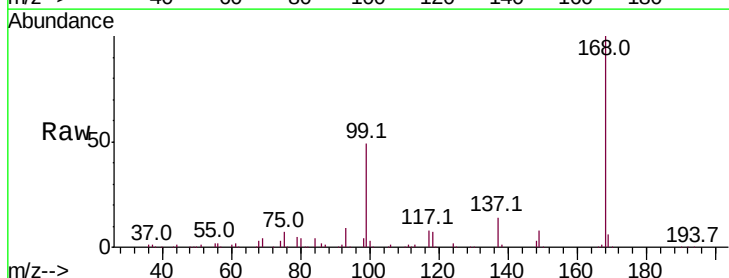
Tgt Ion: 56 Resp: 31948

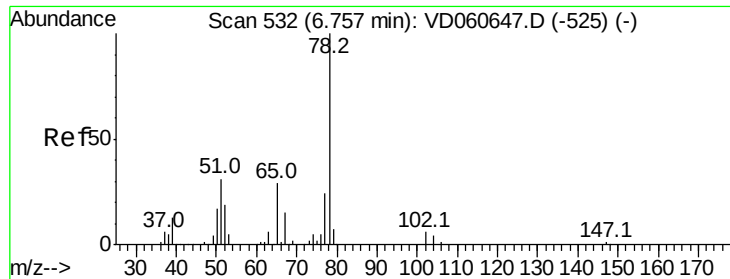
Ion Ratio Lower Upper

56 100

69 232.2 23.6 35.4#

84 203.7 65.8 98.6#

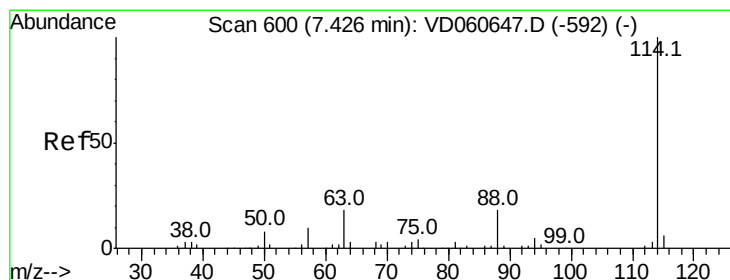
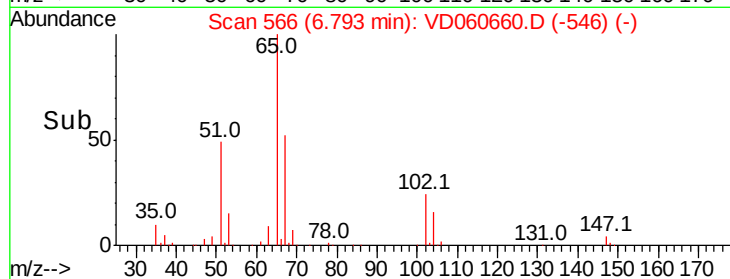
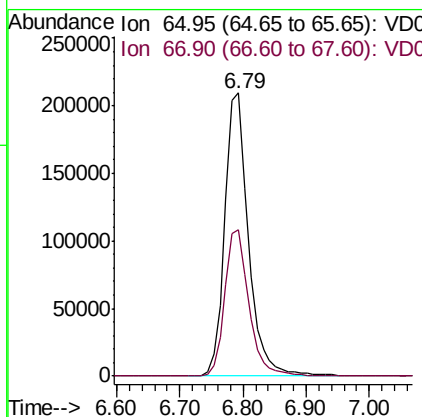
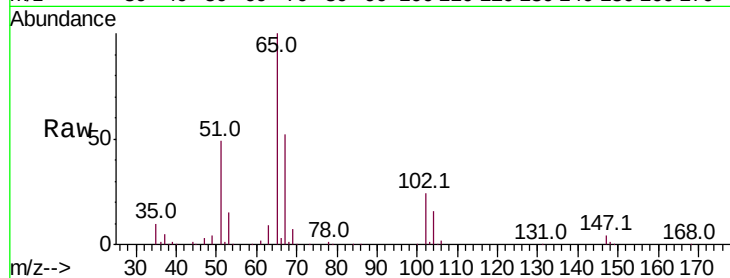




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VD060660.D
 Acq: 20 Dec 2018 15:53

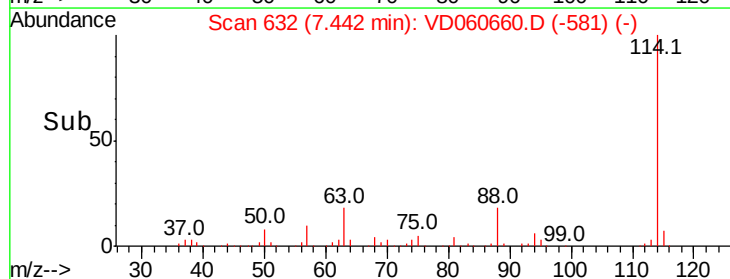
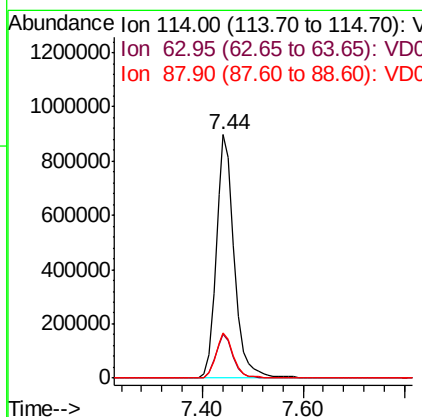
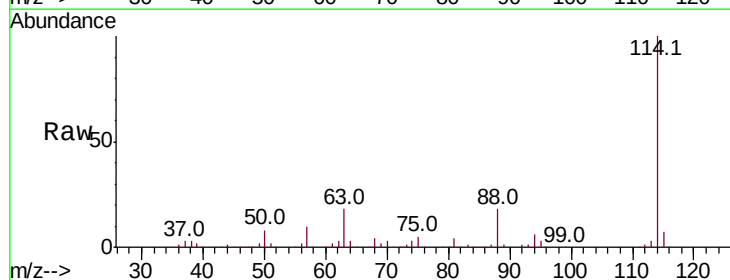
Instrument :
 MSVOA_D
 ClientSampled :

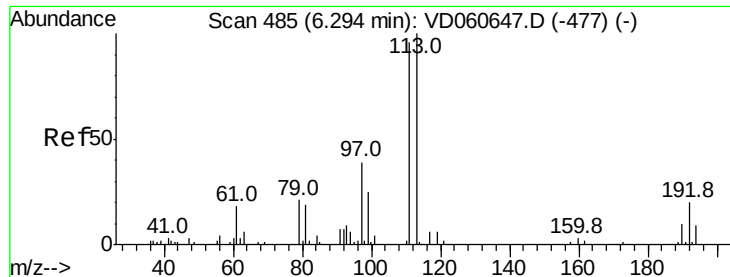
Tot Ion: 65 Resp: 545137
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VD060660.D
 Acq: 20 Dec 2018 15:53

Tgt Ion:114 Resp: 2247183
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 18.4 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 519

Delta R.T. 0.00 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

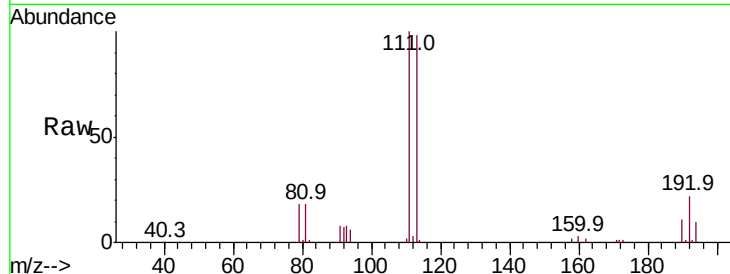
Tot Ion:113 Resp: 767876

Ion Ratio Lower Upper

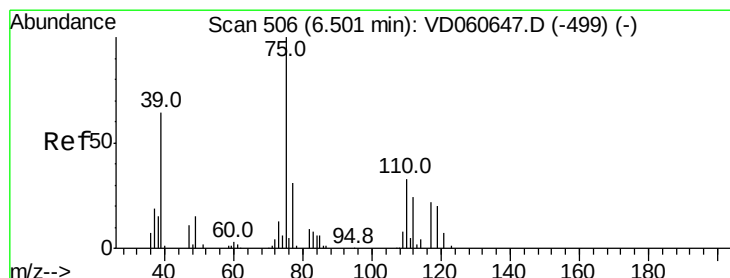
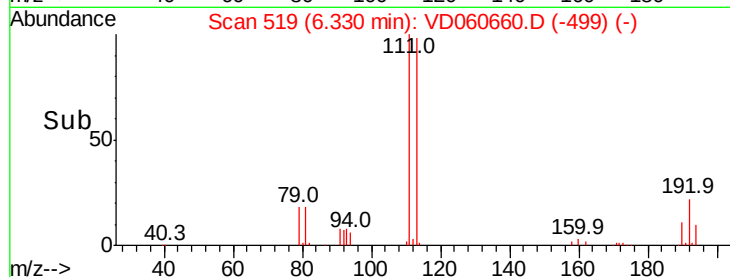
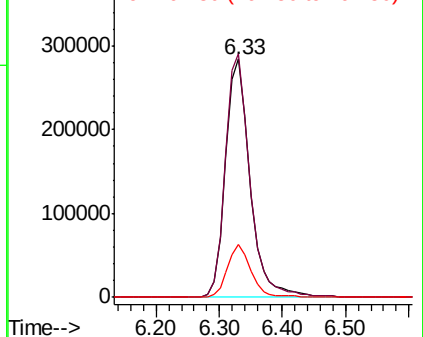
113 100

111 102.2 80.0 120.0

192 22.5 16.6 25.0



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: 4.980 ug/l

RT: 6.41 min Scan# 527

Delta R.T. -0.12 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

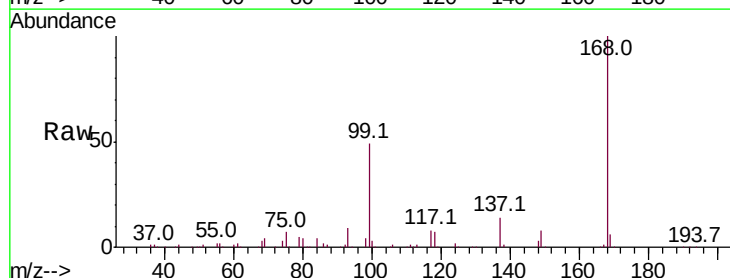
Tgt Ion: 75 Resp: 115229

Ion Ratio Lower Upper

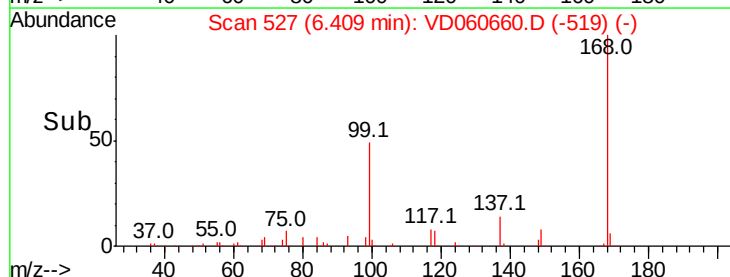
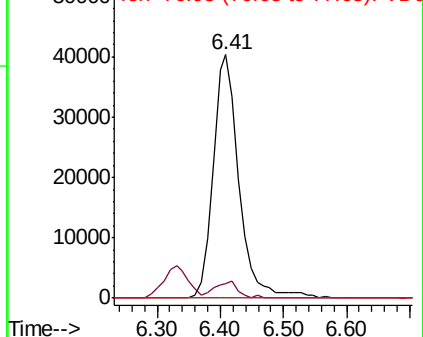
75 100

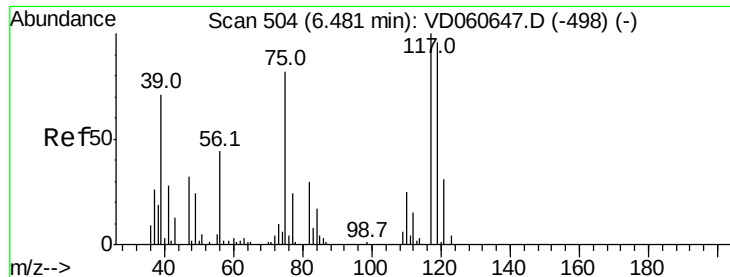
110 6.2 18.9 56.7#

77 0.0 25.4 38.0#



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: 6.359 ug/l

RT: 6.41 min Scan# 527

Delta R.T. -0.09 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

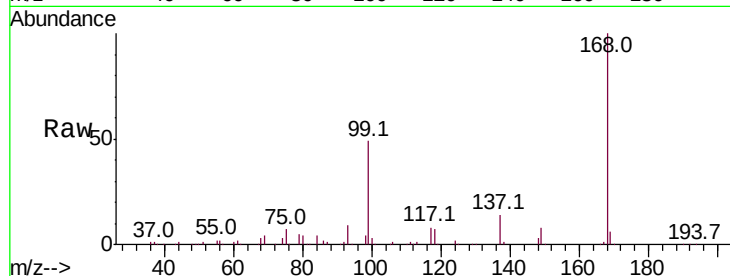
Tot Ion:117 Resp: 129812

Ion Ratio Lower Upper

117 100

119 4.2 77.0 115.4#

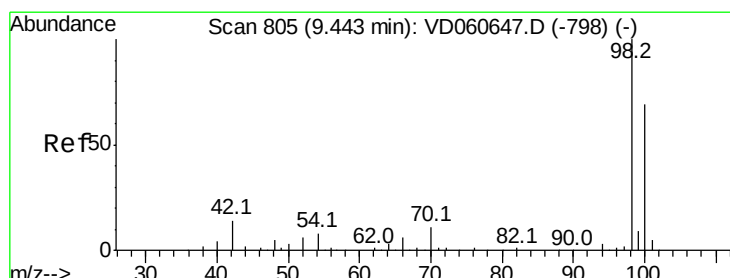
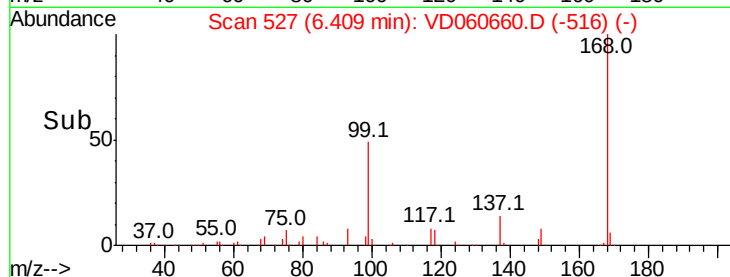
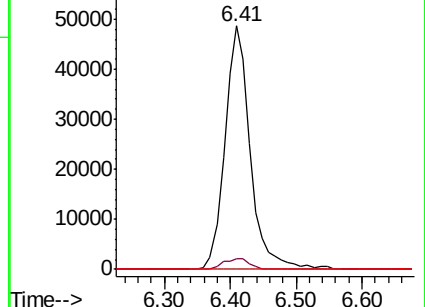
121 0.0 24.7 37.1#



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: 9.46 min Scan# 837

Delta R.T. 0.00 min

Lab File: VD060660.D

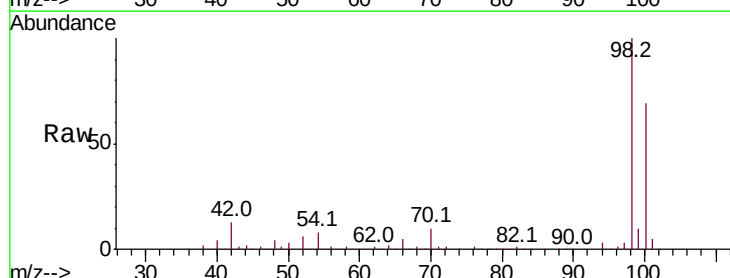
Acq: 20 Dec 2018 15:53

Tgt Ion: 98 Resp: 2293397

Ion Ratio Lower Upper

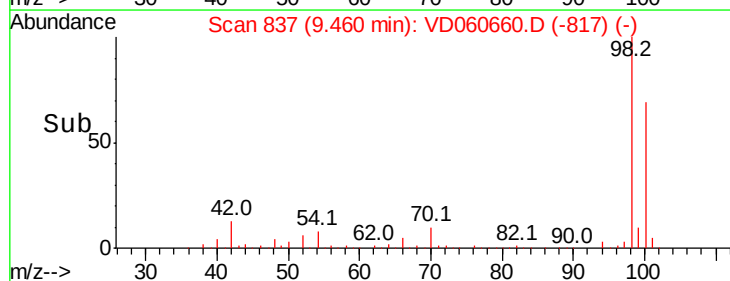
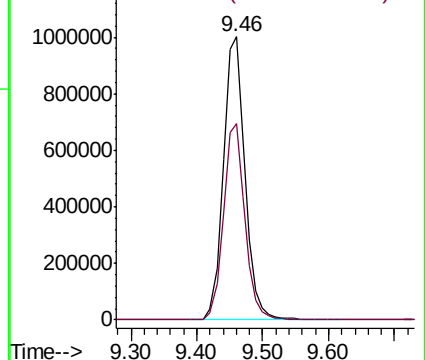
98 100

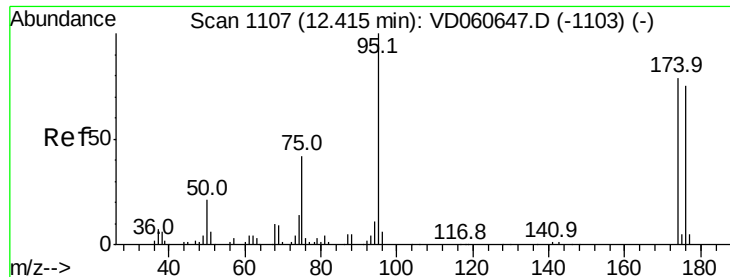
100 69.3 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

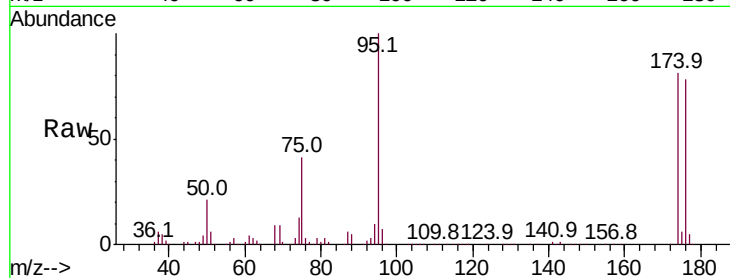
Tot Ion: 95 Resp: 799652

Ion Ratio Lower Upper

95 100

174 80.6 0.0 158.2

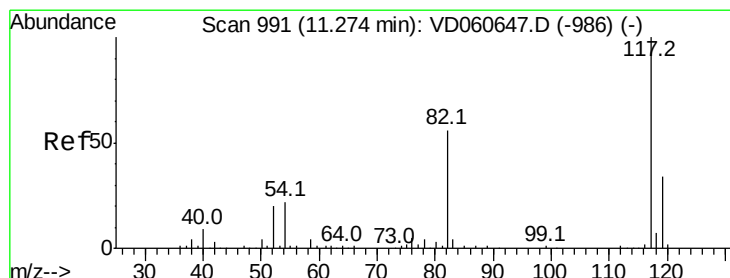
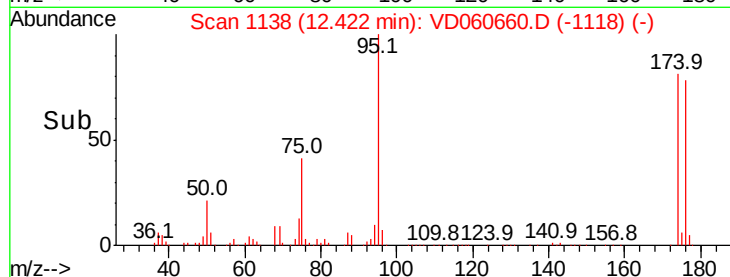
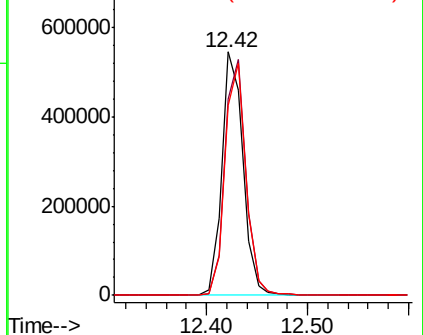
176 78.2 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 1022

Delta R.T. 0.00 min

Lab File: VD060660.D

Acq: 20 Dec 2018 15:53

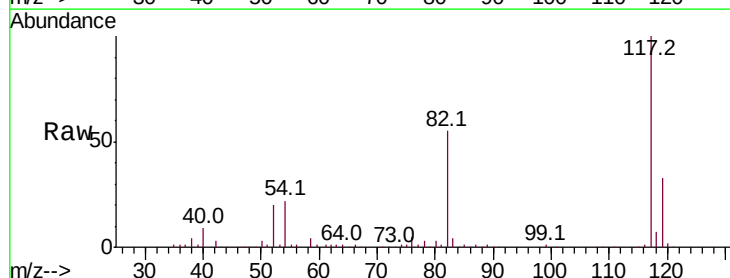
Tgt Ion: 117 Resp: 1773983

Ion Ratio Lower Upper

117 100

82 54.6 44.5 66.7

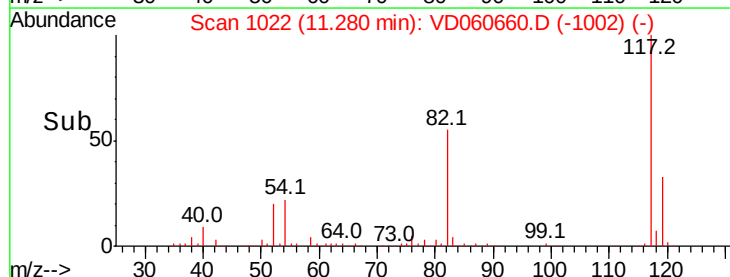
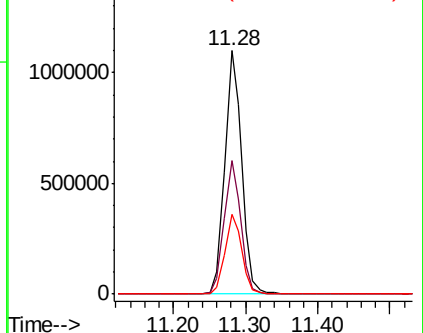
119 32.9 26.3 39.5

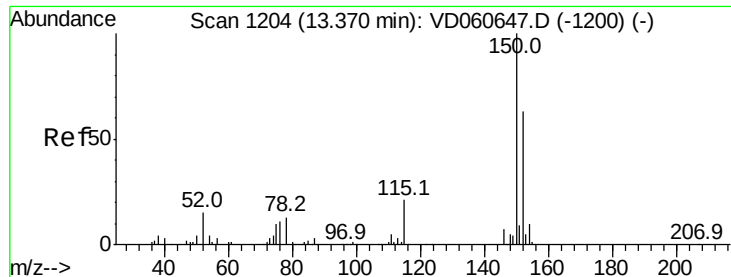


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



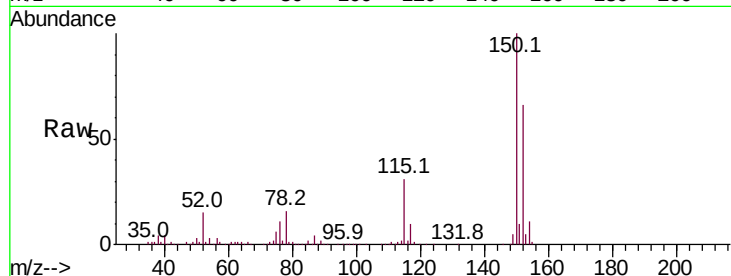


#72

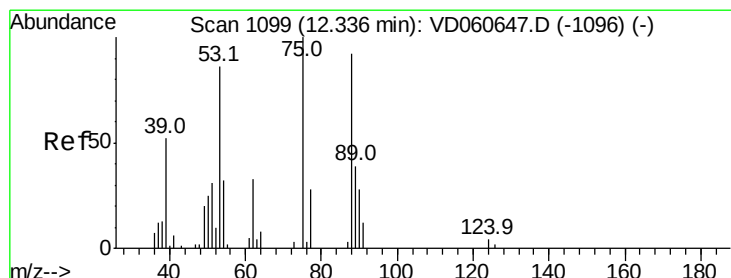
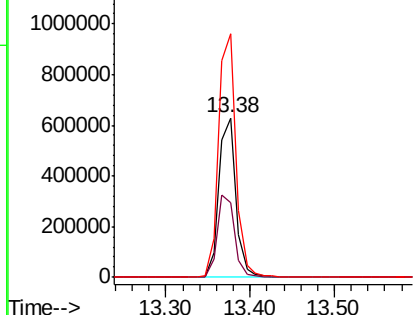
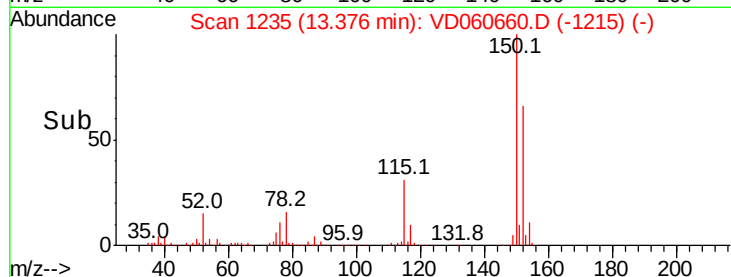
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VD060660.D
Acq: 20 Dec 2018 15:53

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:152 Resp: 886020
Ion Ratio Lower Upper
152 100
115 47.1 24.1 72.3
150 152.6 0.0 315.0



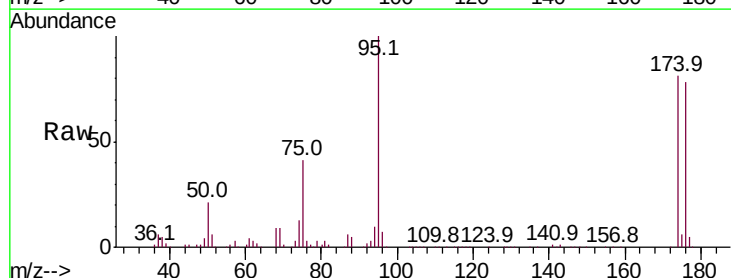
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 113.018 ug/l
RT: 12.42 min Scan# 1138
Delta R.T. 0.08 min
Lab File: VD060660.D
Acq: 20 Dec 2018 15:53

Tgt Ion: 75 Resp: 315020
Ion Ratio Lower Upper
75 100
53 0.0 72.1 108.1#
89 0.0 35.1 52.7#



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

