

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065399.D
 Acq On : 03 Mar 2020 17:29
 Operator : VA/SY
 Sample : L1775-13
 Misc : 8.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 04:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

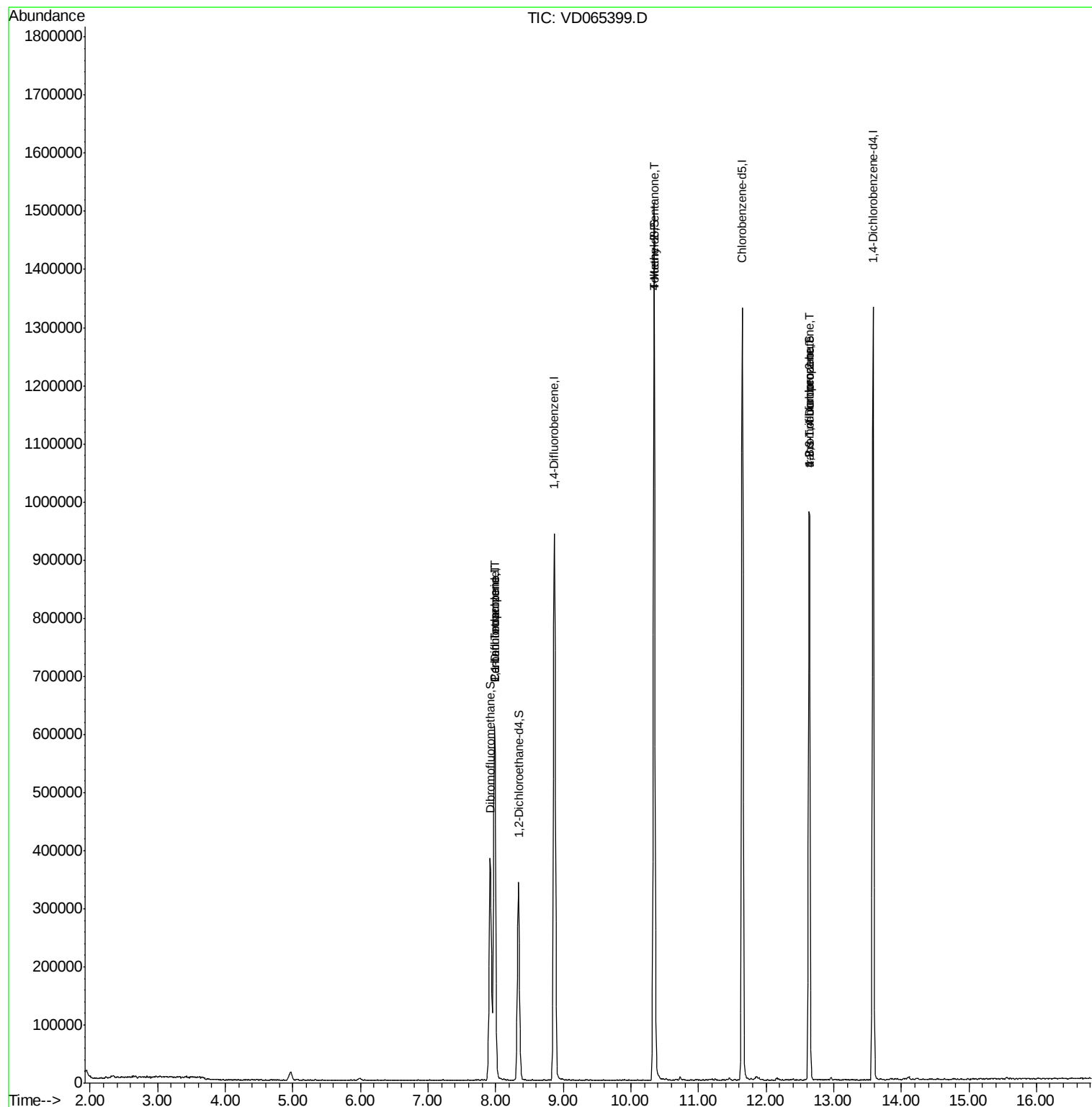
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	484097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	845607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	798427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	366714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268412	61.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.26%	
35) Dibromofluoromethane	7.92	113	279800	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
50) Toluene-d8	10.34	98	1023443	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.64	95	322581	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
Target Compounds						
20) Methylene Chloride	4.96	84	10909	Below Cal	#	79
36) 1,1-Dichloropropene	7.98	75	34348	4.175	ug/l #	48
38) Carbon Tetrachloride	7.98	117	45363	5.416	ug/l #	16
51) 4-Methyl-2-Pentanone	10.35	43	3791	1.193	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	155090	49.707	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	155090	107.325	ug/l #	11

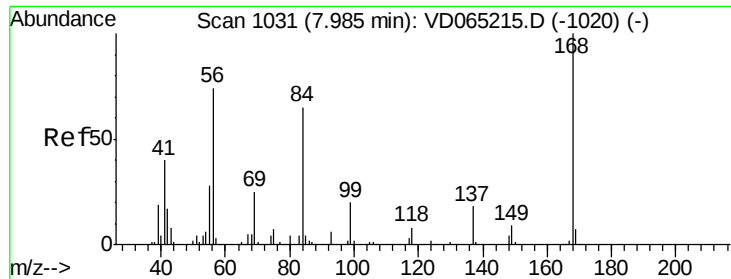
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

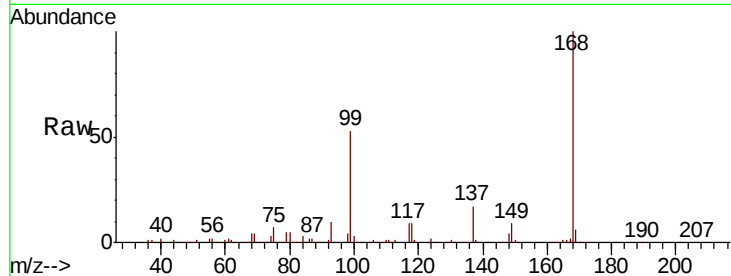
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 484097

Ion Ratio Lower Upper

168 100

99 52.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

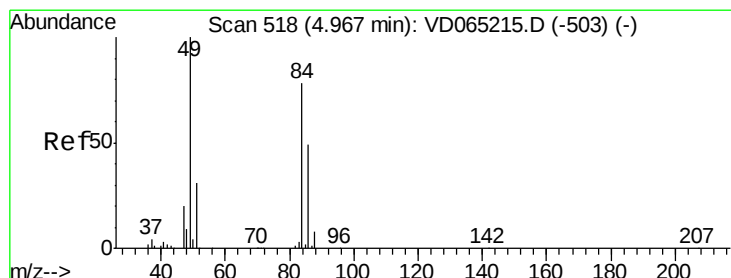
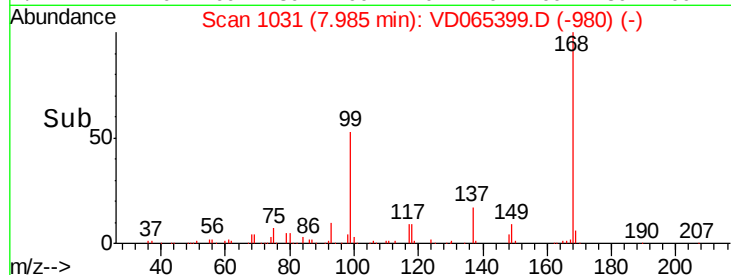
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

Tgt Ion: 84 Resp: 10909

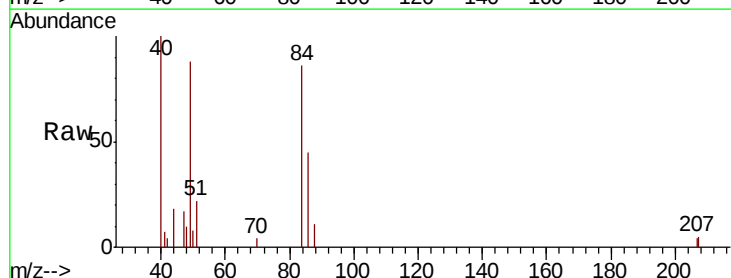
Ion Ratio Lower Upper

84 100

49 101.8 103.1 154.7#

51 25.1 31.7 47.5#

86 52.4 50.9 76.3



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

6000

5000

4000

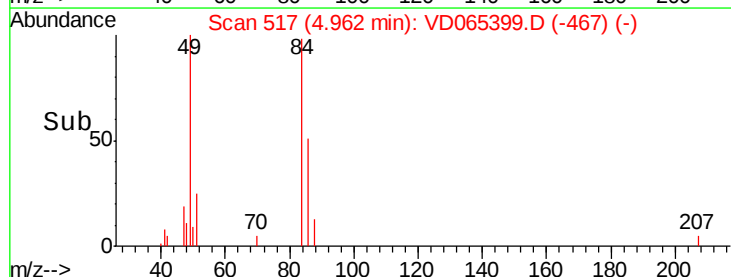
3000

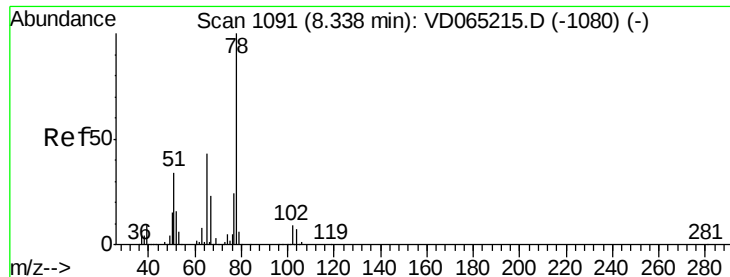
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 61.633 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

Instrument :

MSVOA_D

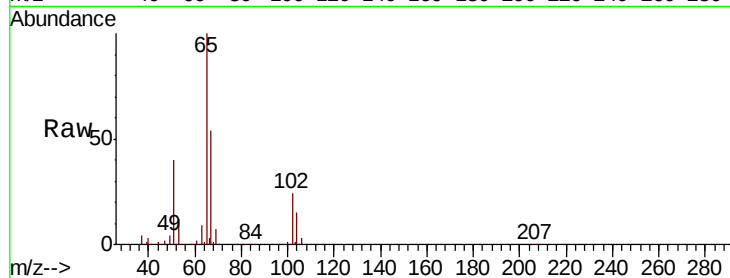
ClientSampleId :

Tot Ion: 65 Resp: 268412

Ion Ratio Lower Upper

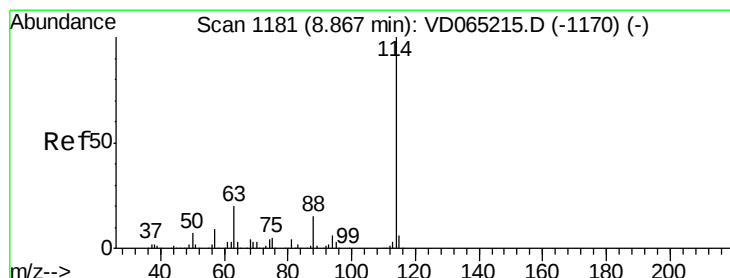
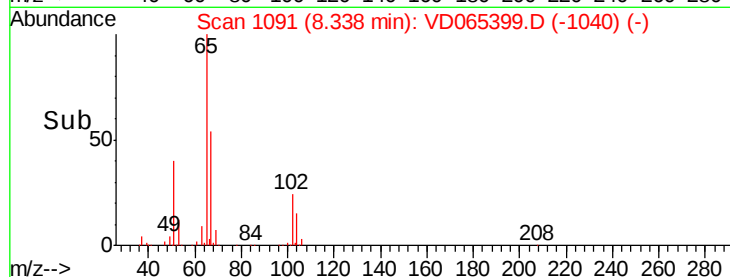
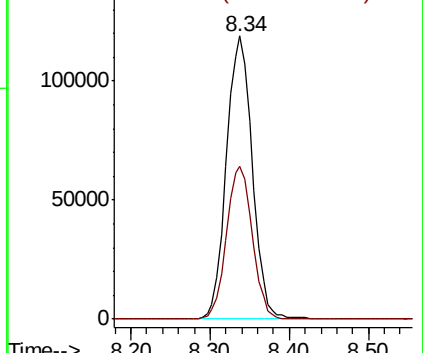
65 100

67 53.9 0.0 106.8



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: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

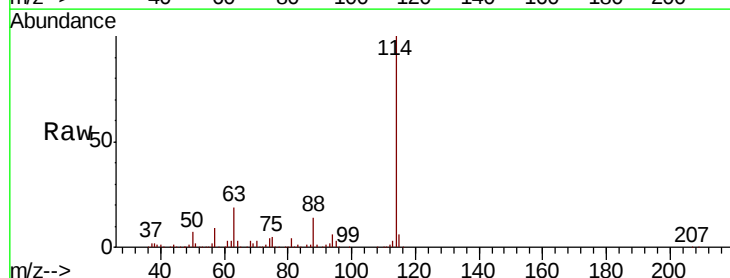
Tgt Ion: 114 Resp: 845607

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

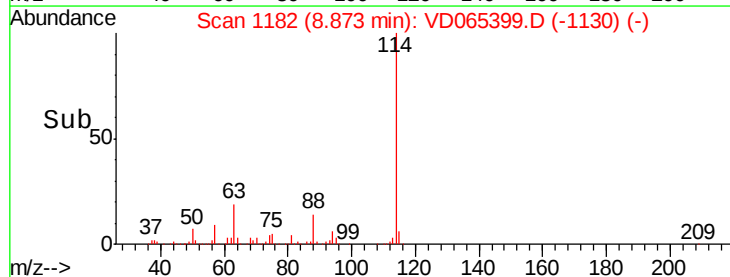
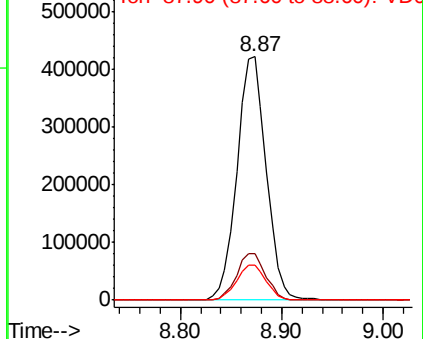
88 14.4 0.0 30.4

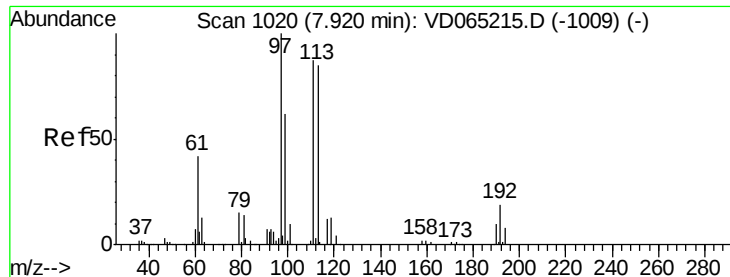


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

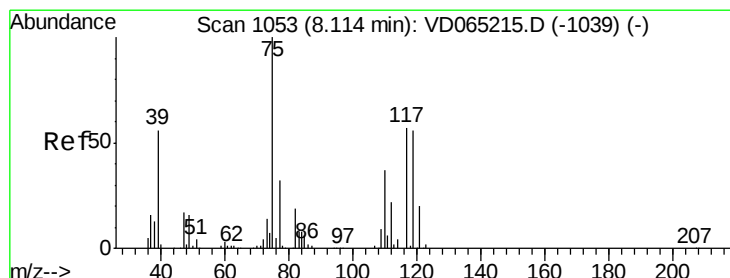
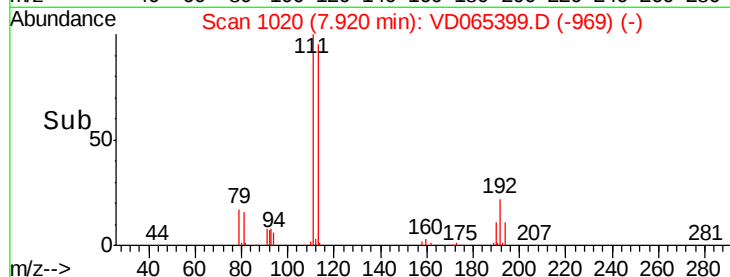
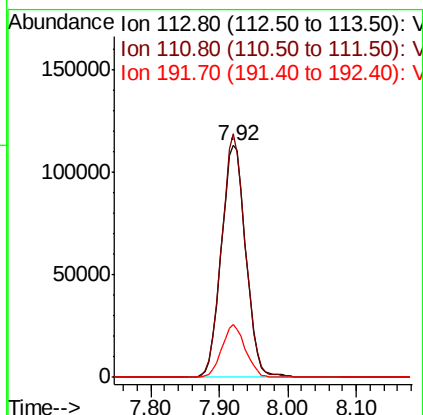
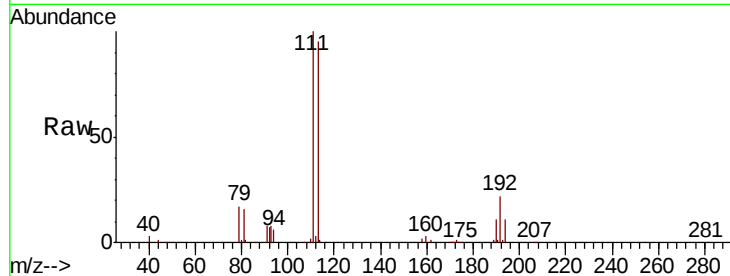




#35
 Dibromofluoromethane
 Concen: 54.267 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065399.D
 Acq: 03 Mar 2020 17:29

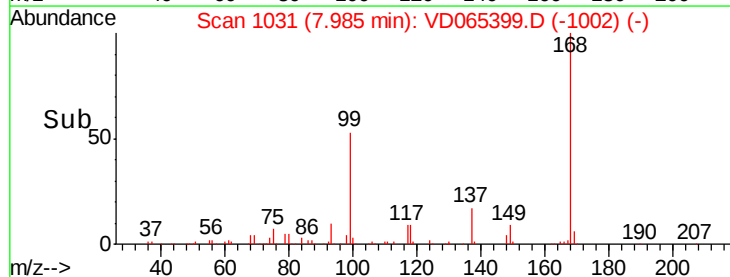
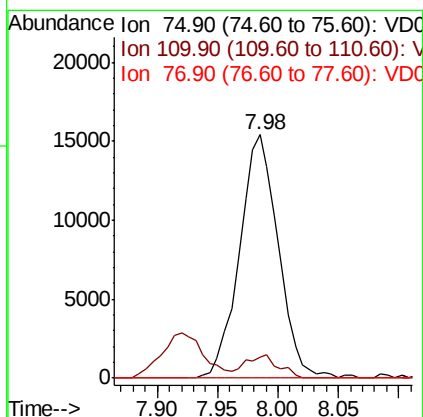
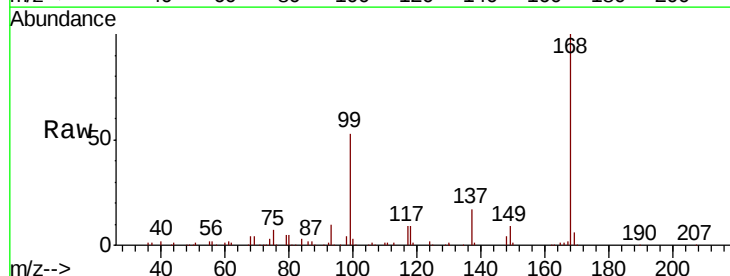
Instrument :
 MSVOA_D
 ClientSampleId :

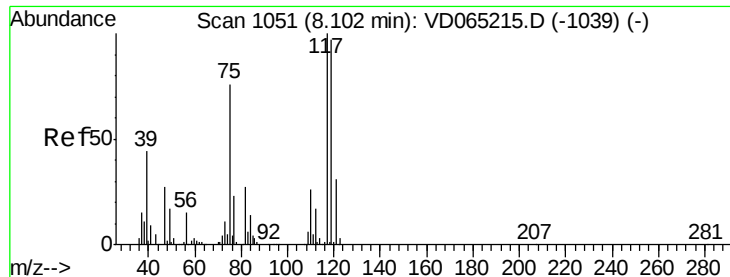
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.9	124.3
192	22.0	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.175 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065399.D
 Acq: 03 Mar 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.9	53.7#
77	0.0	25.1	37.7#

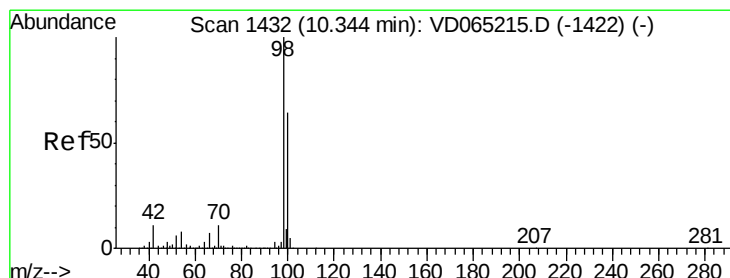
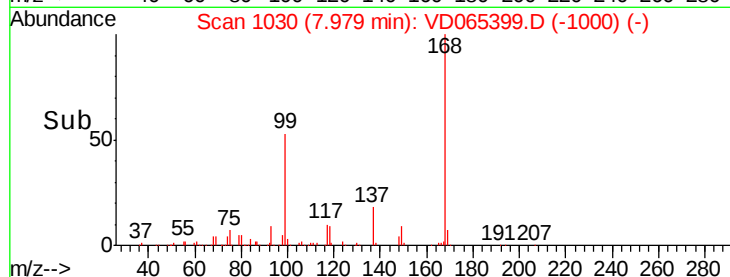
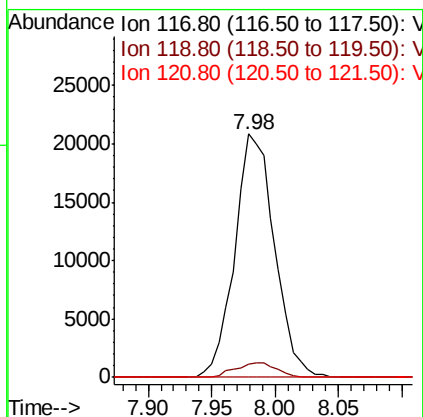
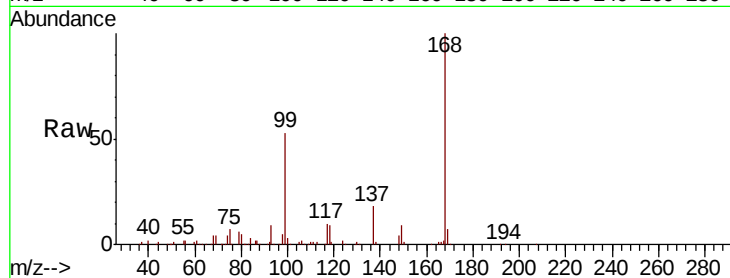




#38
Carbon Tetrachloride
Concen: 5.416 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

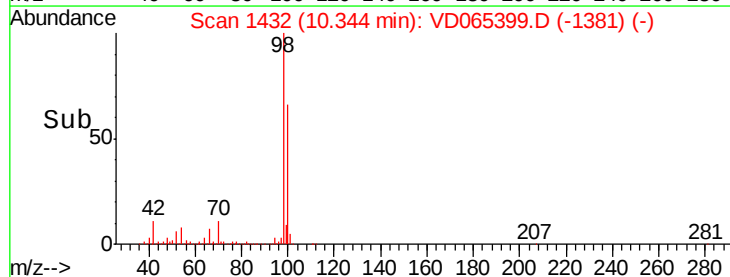
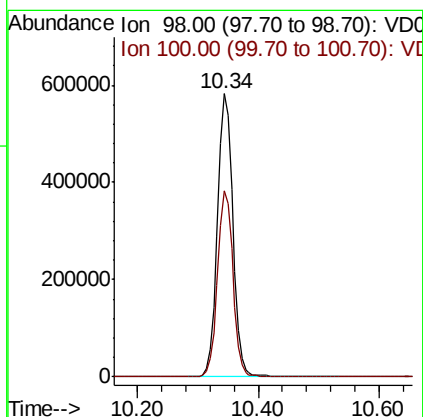
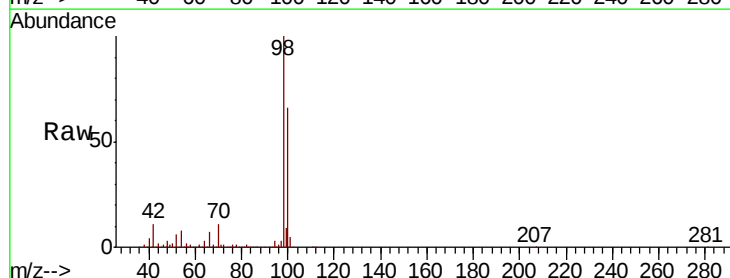
Instrument :
MSVOA_D
ClientSampled :

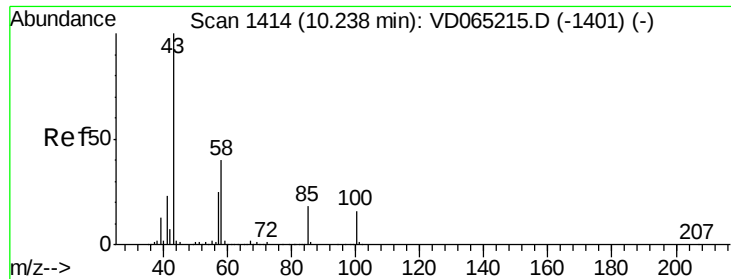
Tot Ion:117 Resp: 45363
Ion Ratio Lower Upper
117 100
119 5.6 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.923 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

Tgt Ion: 98 Resp: 1023443
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.193 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.11 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

Instrument :

MSVOA_D

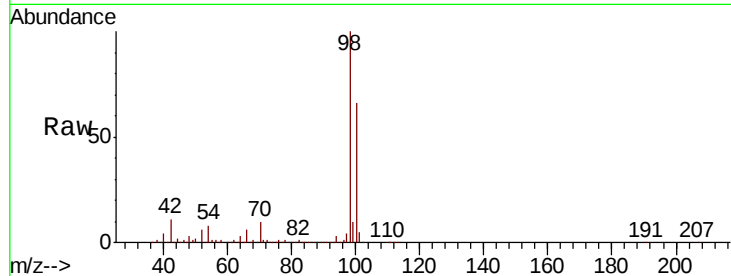
Client Sampled :

Tot Ion: 43 Resp: 3791

Ion Ratio Lower Upper

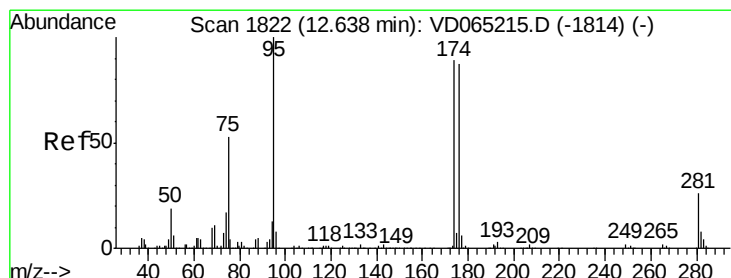
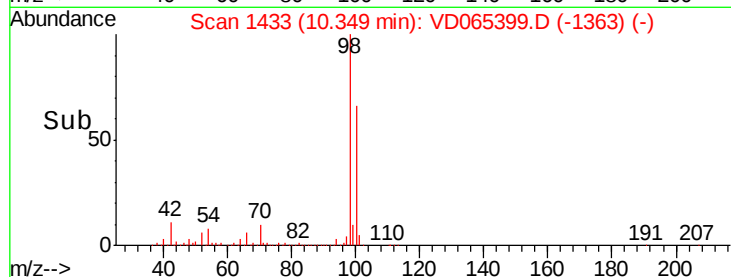
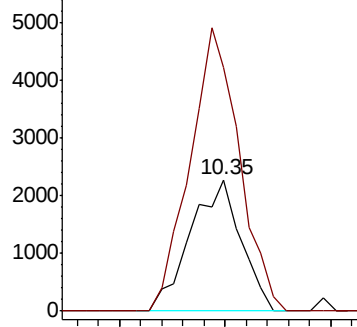
43 100

58 210.3 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.660 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

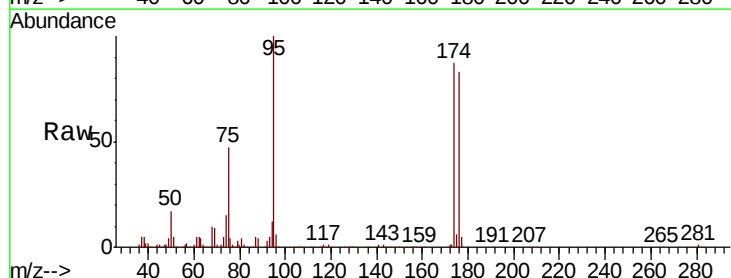
Tgt Ion: 95 Resp: 322581

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.0

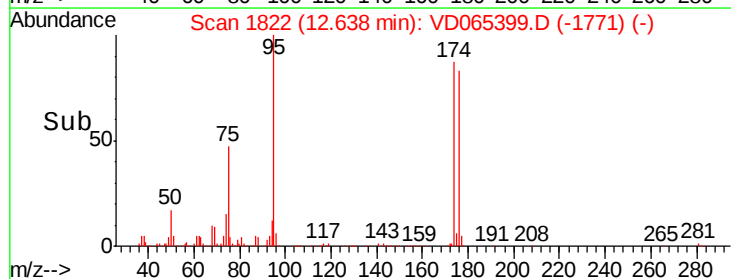
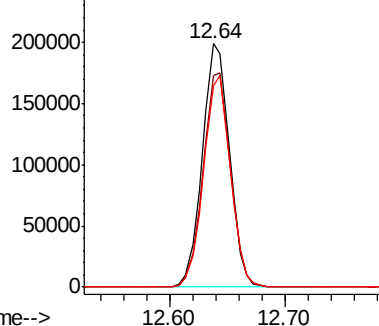
176 86.4 0.0 174.4

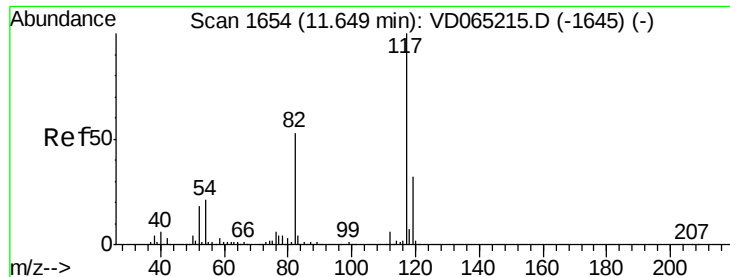


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

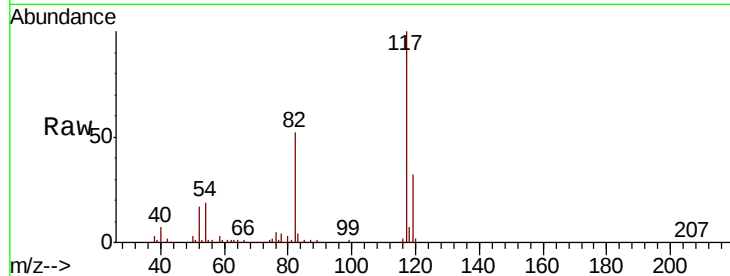




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.7	64.1
119	31.6	25.5	38.3

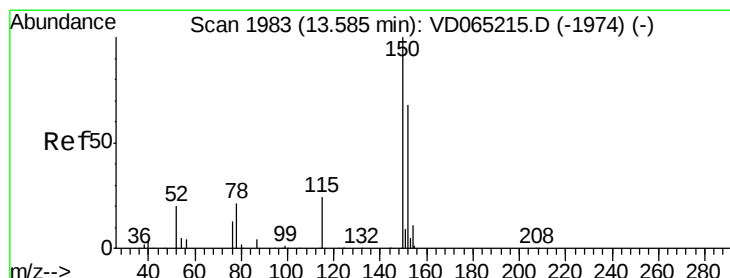
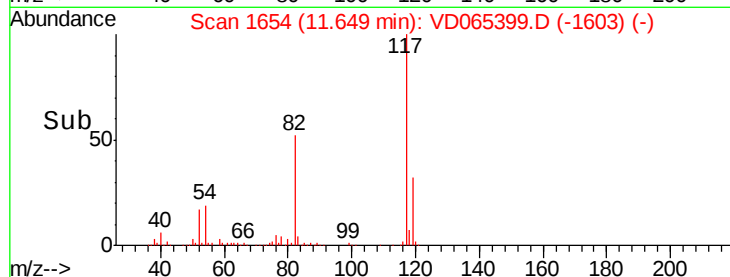
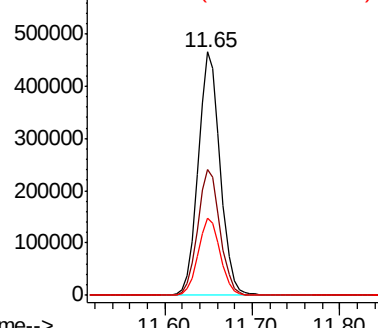


Abundance

Ion 116.90 (116.60 to 117.60): V

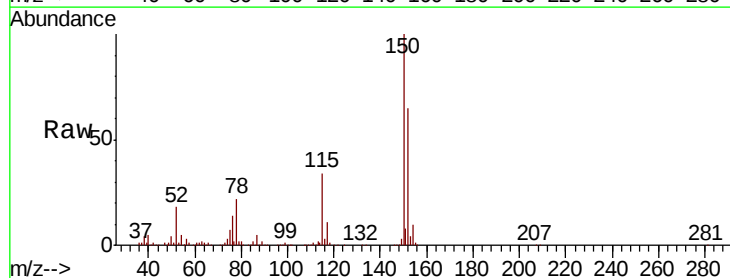
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065399.D
Acq: 03 Mar 2020 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.6	82.8
150	154.9	0.0	347.4

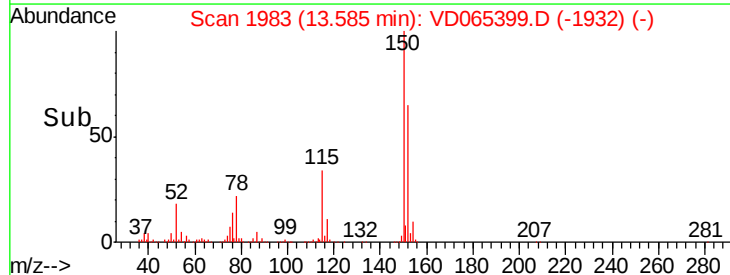
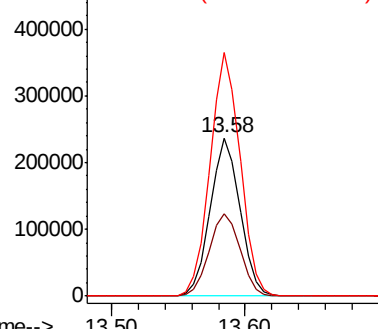


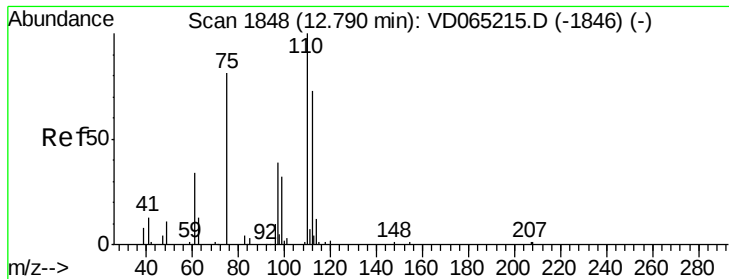
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.707 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

Instrument :

MSVOA_D

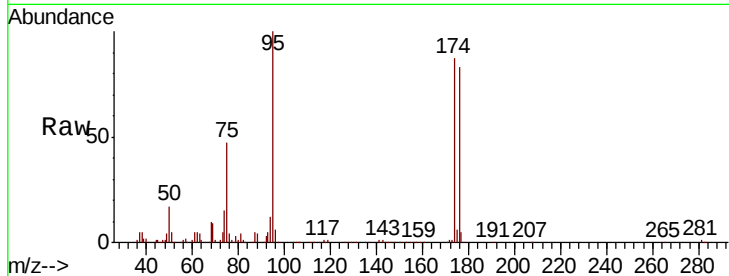
ClientSampleId :

Tot Ion: 75 Resp: 155090

Ion Ratio Lower Upper

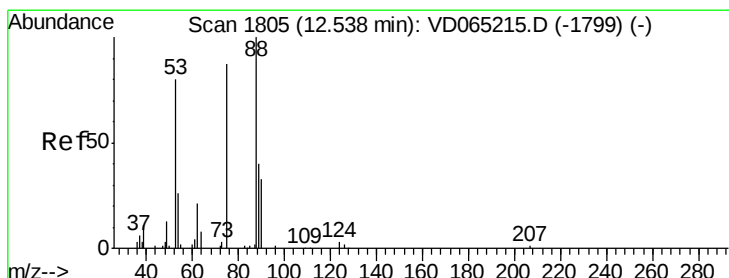
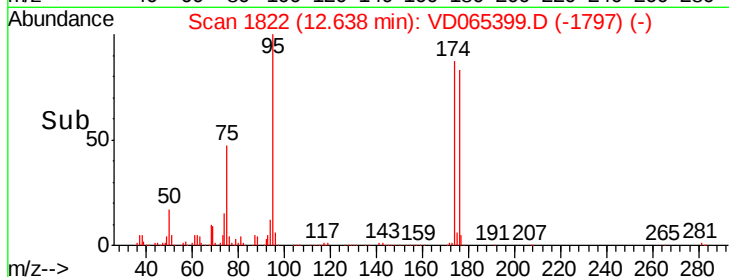
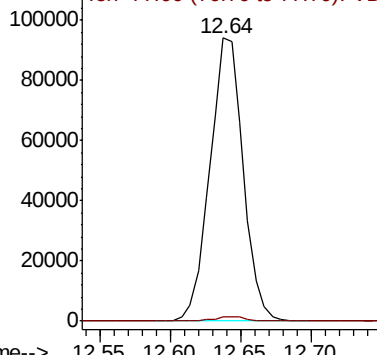
75 100

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: 107.325 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065399.D

Acq: 03 Mar 2020 17:29

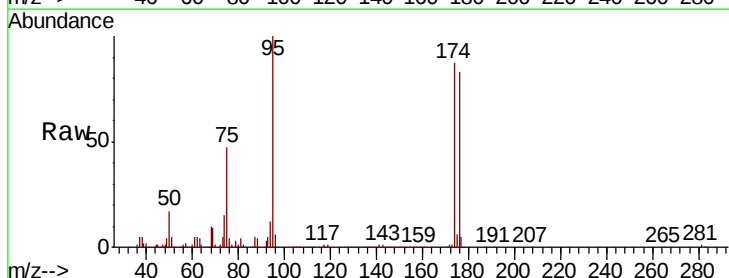
Tgt Ion: 75 Resp: 155090

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 37.2 55.8#



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

