

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007277.D
 Acq On : 06 Dec 2018 13:01
 Operator : SY/AP
 Sample : J6214-15
 Misc : 5.88G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 14:35:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

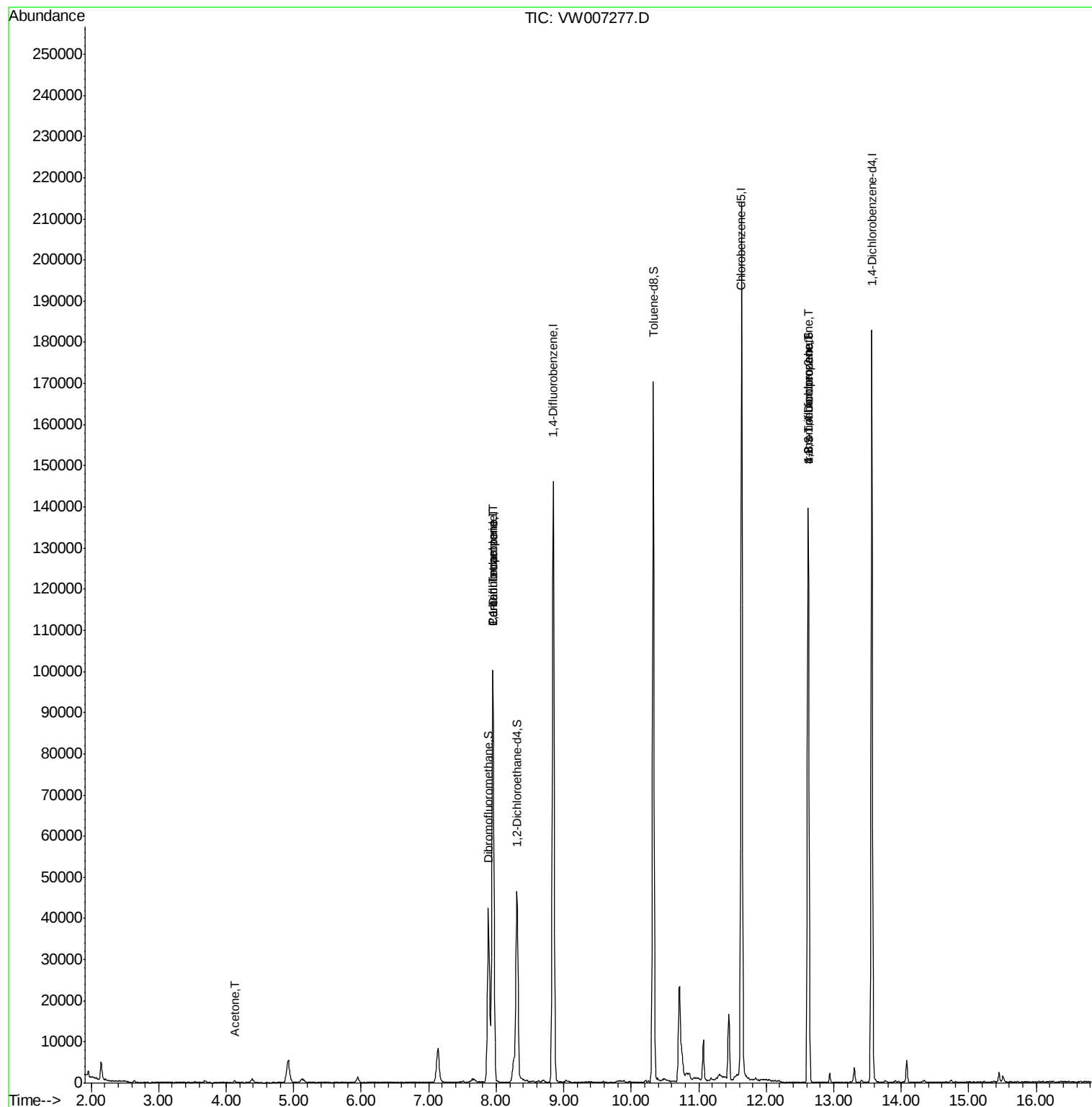
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	131514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	50058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37180	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.88	113	31787	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
50) Toluene-d8	10.32	98	116795	35.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.42%	
62) 4-Bromofluorobenzene	12.62	95	42127	33.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.30%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	1158	Below Cal	#	75
16) Acetone	4.13	43	973	5.908	ug/l #	81
36) 1,1-Dichloropropene	7.95	75	5765	4.505	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7774	5.952	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	21050	54.308	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21050	117.053	ug/l #	13

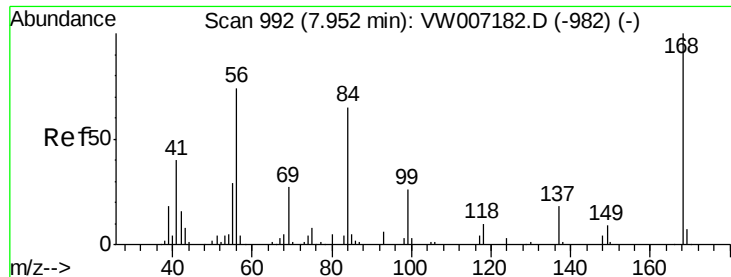
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007277.D

Acq: 06 Dec 2018 13:01

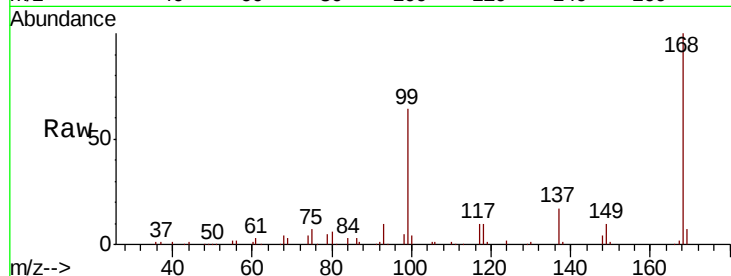
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 74721

Ion Ratio Lower Upper

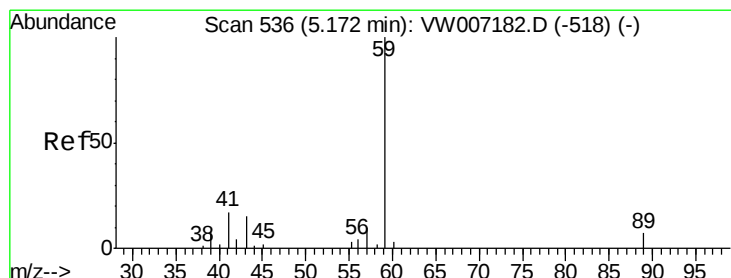
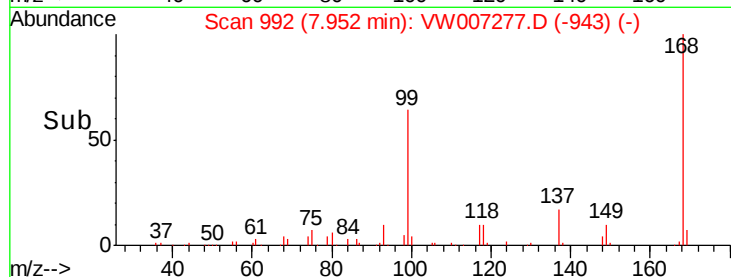
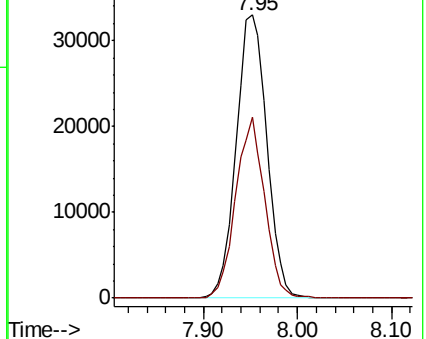
168 100

99 63.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW007182.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VW007182.D (-982) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW007277.D

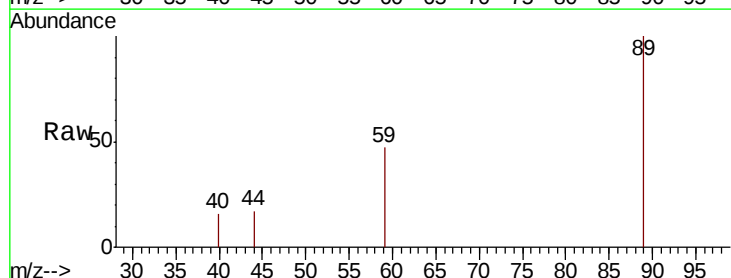
Acq: 06 Dec 2018 13:01

Tgt Ion: 59 Resp: 1158

Ion Ratio Lower Upper

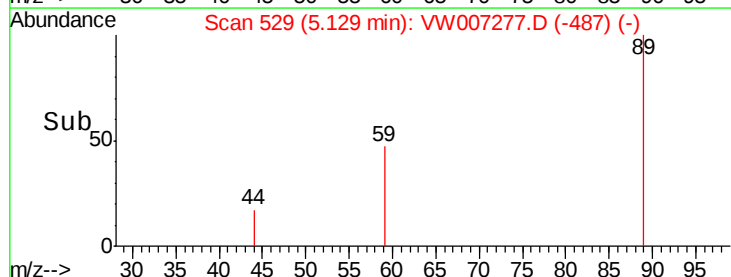
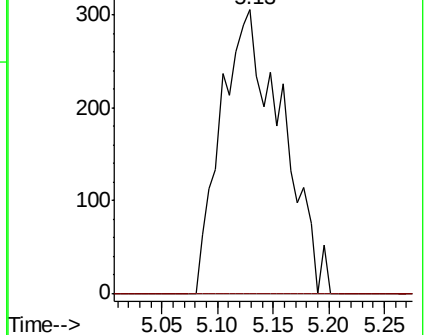
59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW007182.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VW007182.D (-518) (-)





#16

Acetone

Concen: 5.908 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007277.D

Acq: 06 Dec 2018 13:01

Instrument :

MSVOA_W

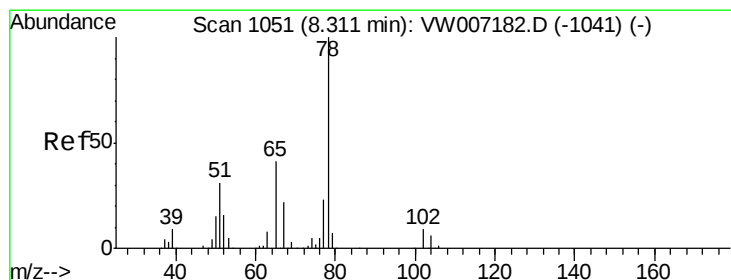
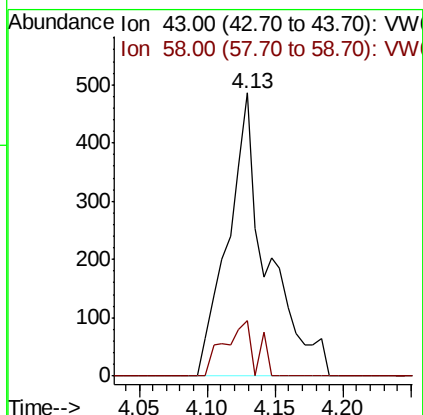
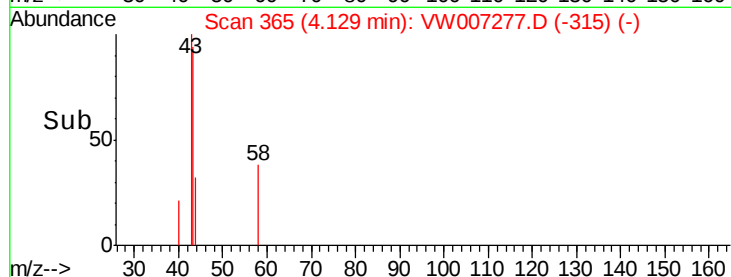
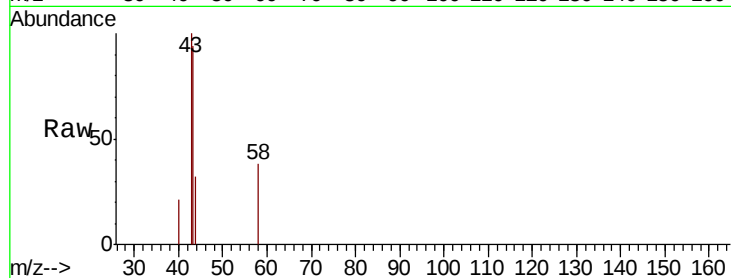
ClientSampled :

Tot Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 19.5 23.8 35.8#



#33

1,2-Dichloroethane-d4

Concen: 53.444 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007277.D

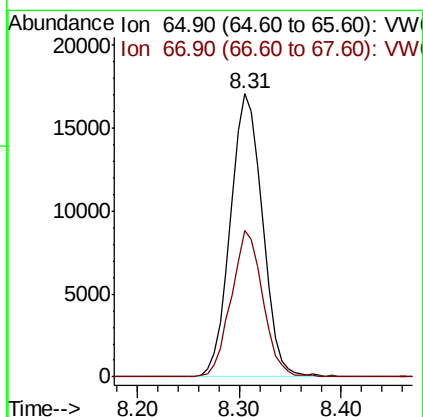
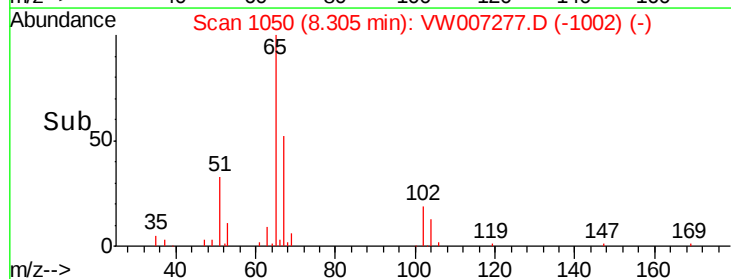
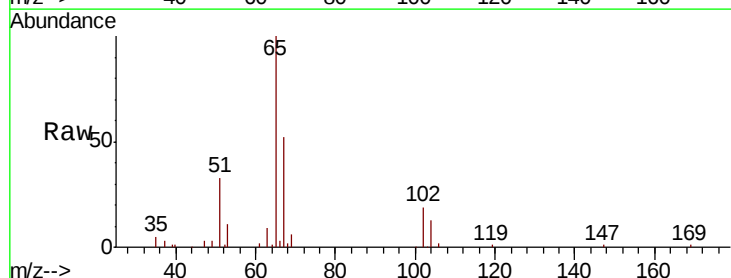
Acq: 06 Dec 2018 13:01

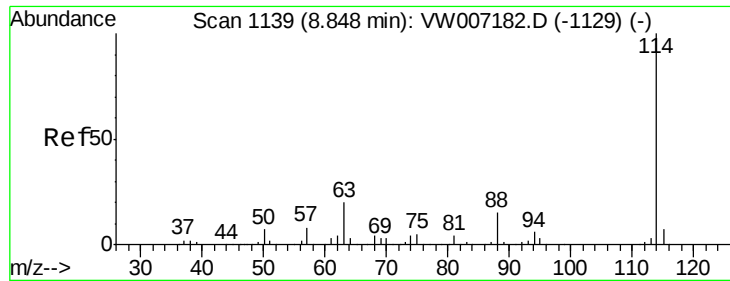
Tgt Ion: 65 Resp: 37180

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.4

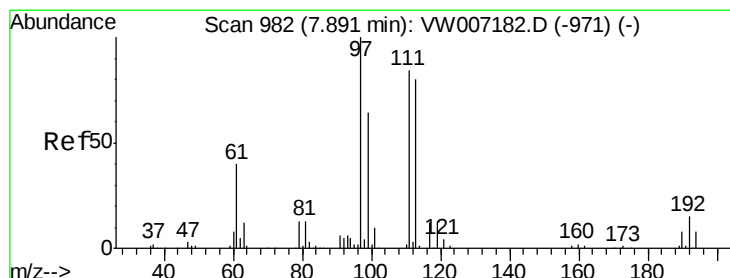
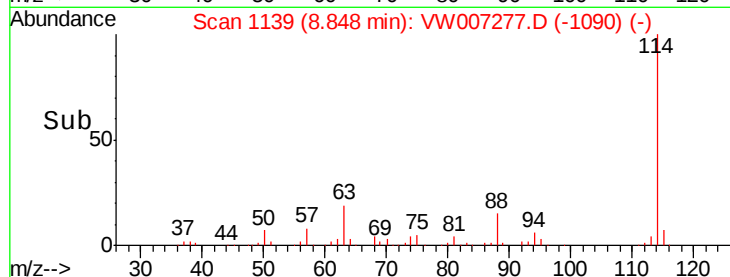
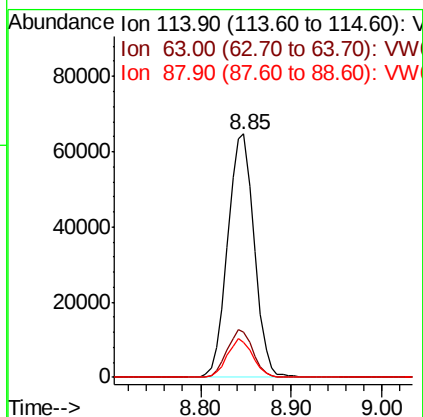
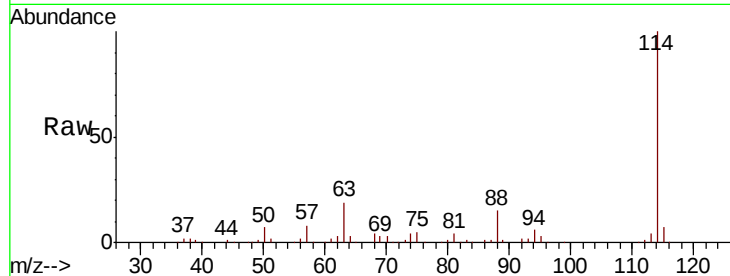




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007277.D
 Acq: 06 Dec 2018 13:01

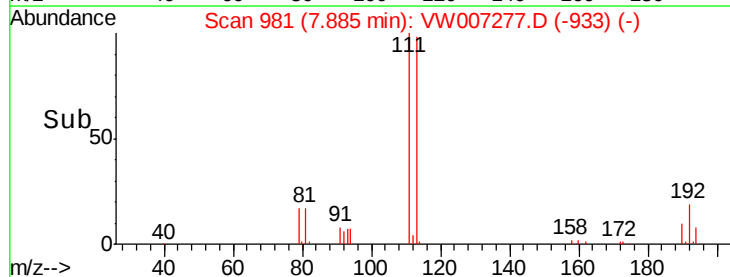
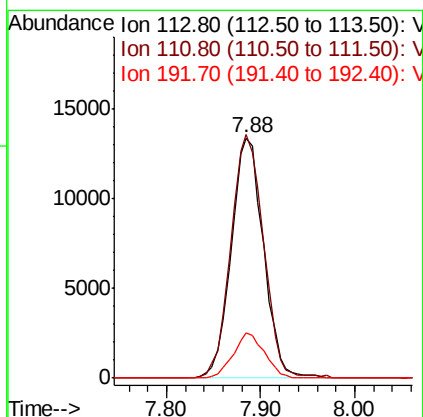
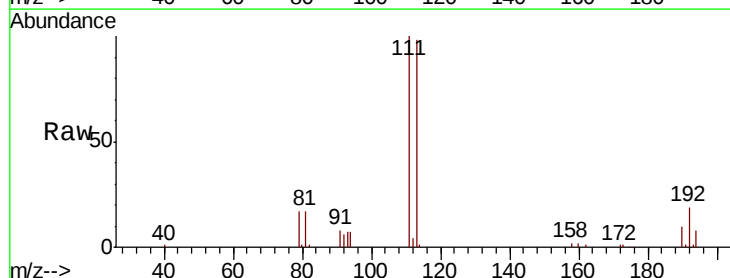
Instrument :
 MSVOA_W
 ClientSampleId :

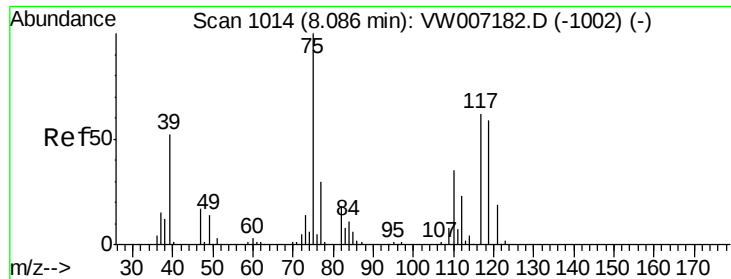
Tot Ion:114 Resp: 131514
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.2
 88 14.6 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 42.211 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007277.D
 Acq: 06 Dec 2018 13:01

Tgt Ion:113 Resp: 31787
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 18.3 14.4 21.6

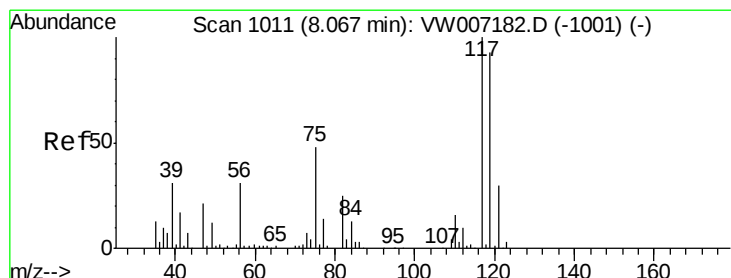
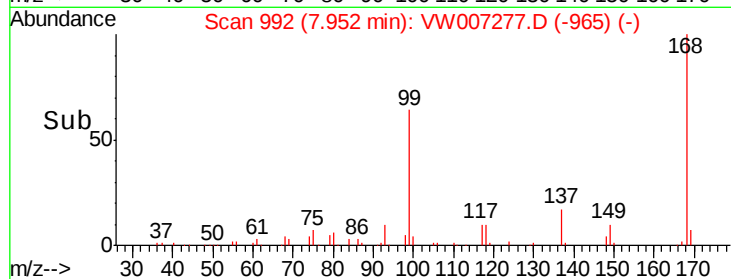
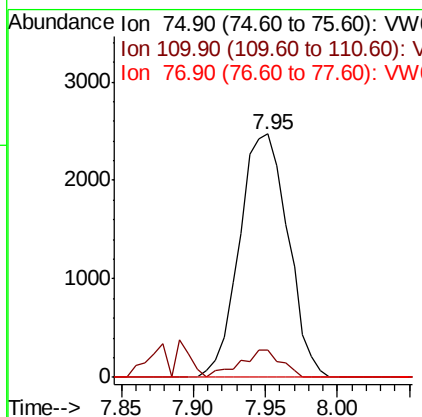
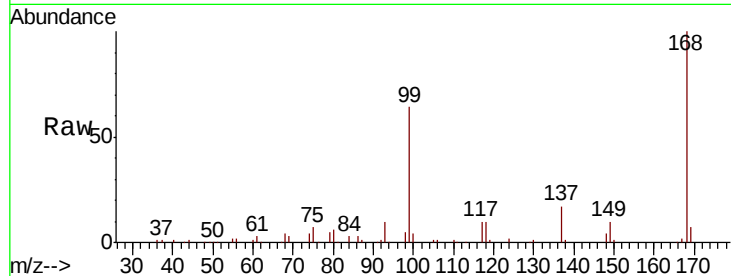




#36
 1,1-Dichloropropene
 Concen: 4.505 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007277.D
 Acq: 06 Dec 2018 13:01

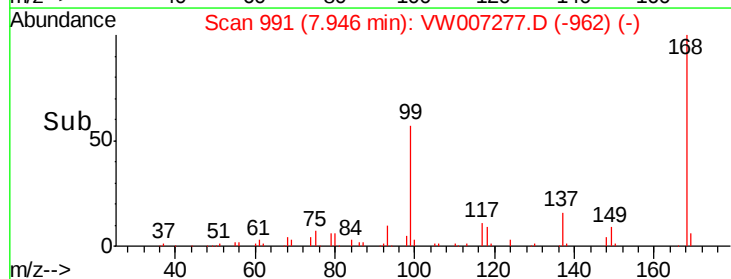
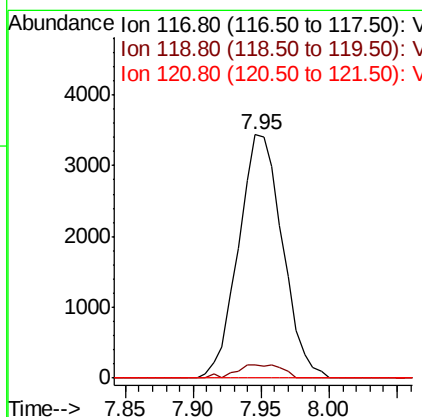
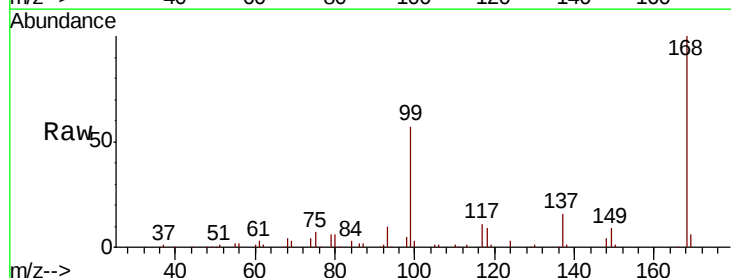
Instrument :
 MSVOA_W
 ClientSampleId :

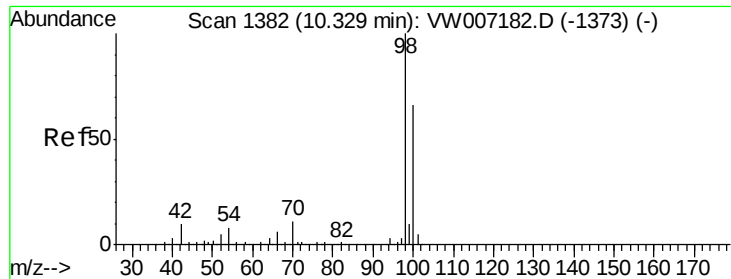
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.952 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007277.D
 Acq: 06 Dec 2018 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 35.209 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007277.D

Acq: 06 Dec 2018 13:01

Instrument :

MSVOA_W

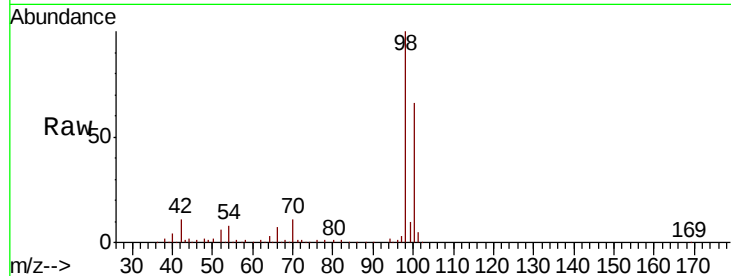
ClientSampleId :

Tot Ion: 98 Resp: 116795

Ion Ratio Lower Upper

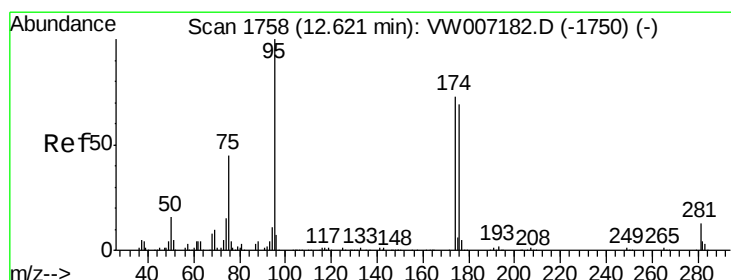
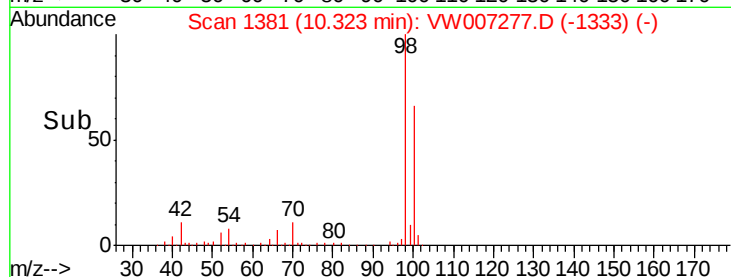
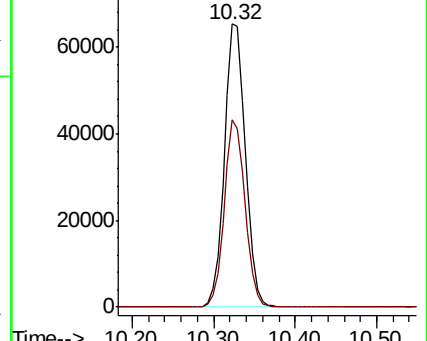
98 100

100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 33.647 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007277.D

Acq: 06 Dec 2018 13:01

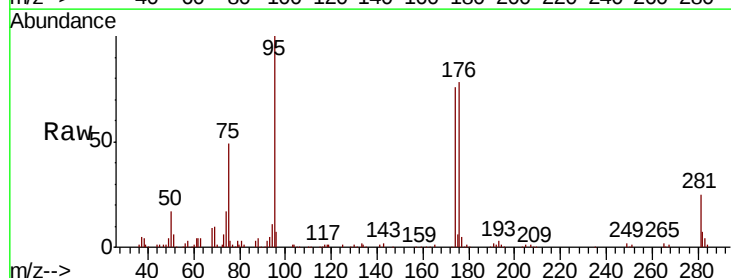
Tgt Ion: 95 Resp: 42127

Ion Ratio Lower Upper

95 100

174 78.0 0.0 148.0

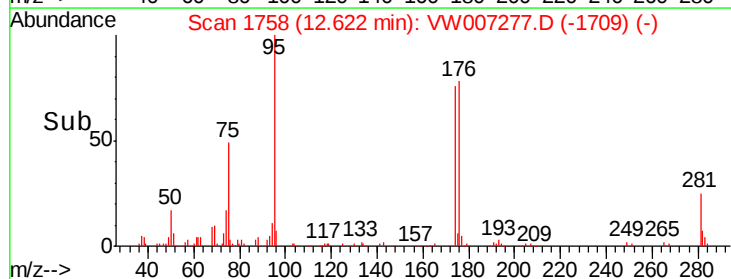
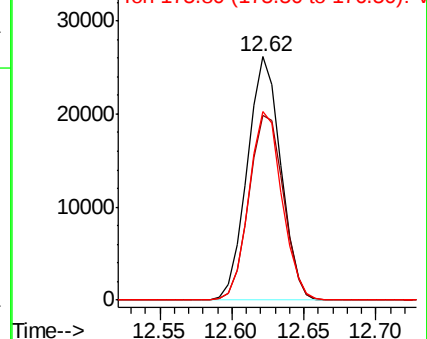
176 76.5 0.0 139.4

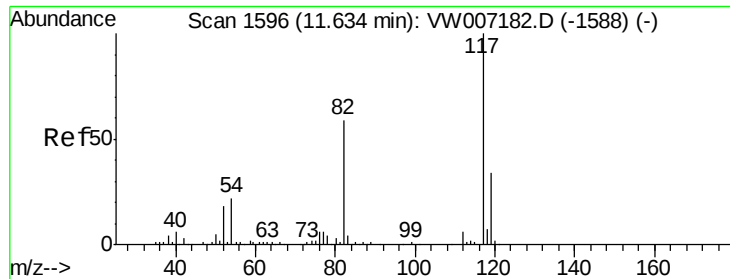


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

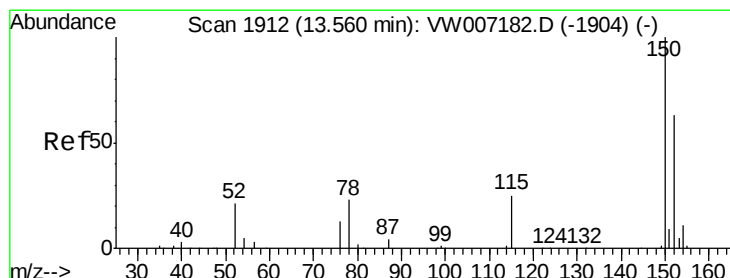
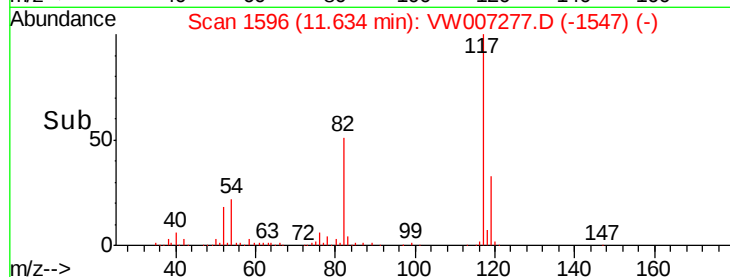
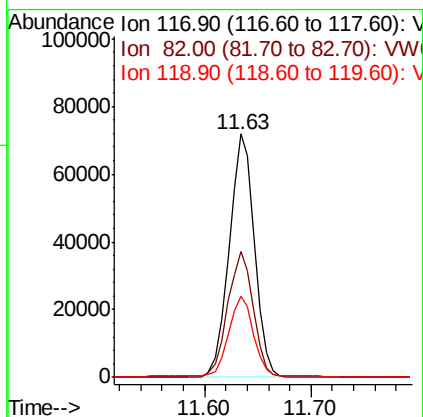
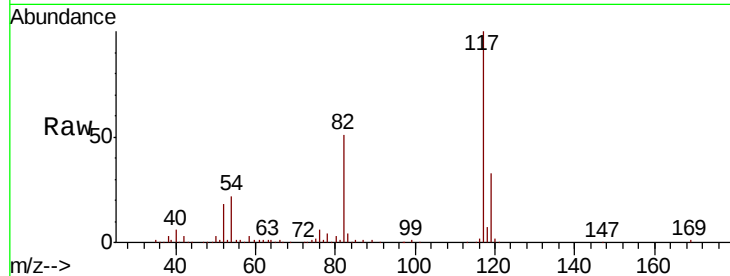




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007277.D
Acq: 06 Dec 2018 13:01

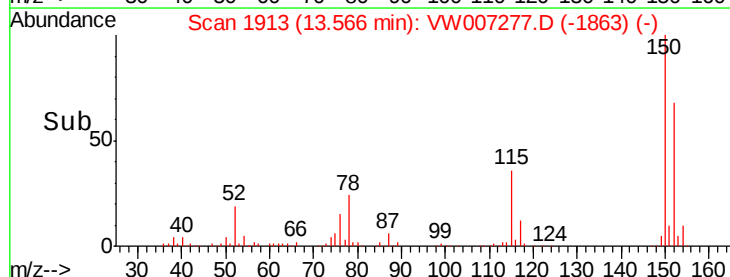
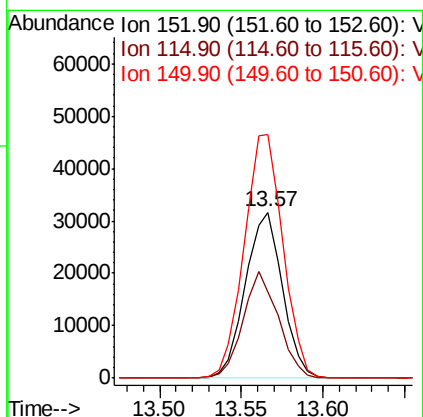
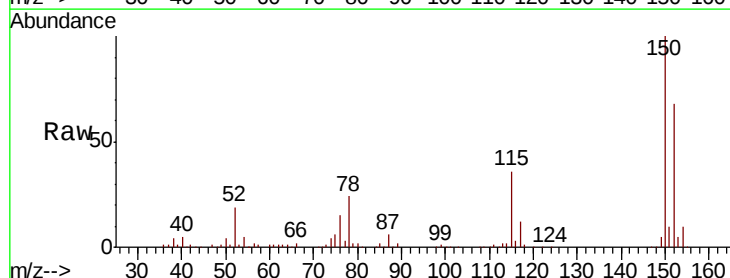
Instrument :
MSVOA_W
ClientSampleId :

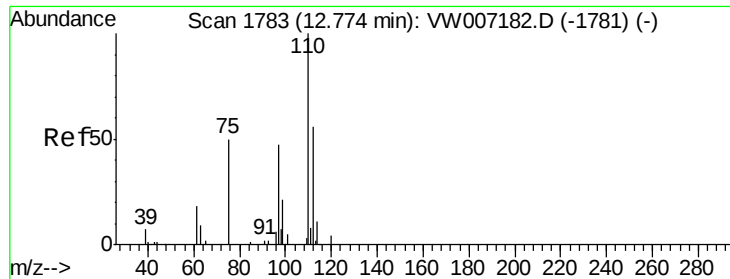
Tot Ion:117 Resp: 118941
Ion Ratio Lower Upper
117 100
82 51.5 47.4 71.2
119 33.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007277.D
Acq: 06 Dec 2018 13:01

Tgt Ion:152 Resp: 50058
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 153.9 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 54.308 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007277.D

Acq: 06 Dec 2018 13:01

Instrument :

MSVOA_W

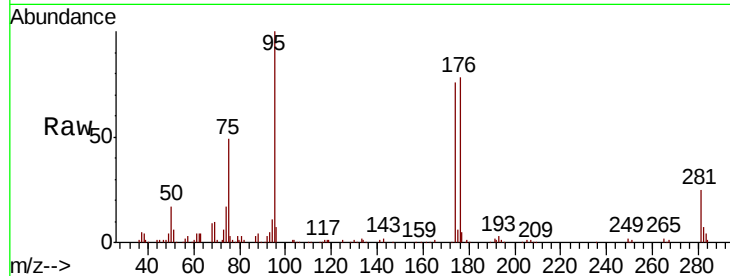
ClientSampleId :

Tot Ion: 75 Resp: 21050

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

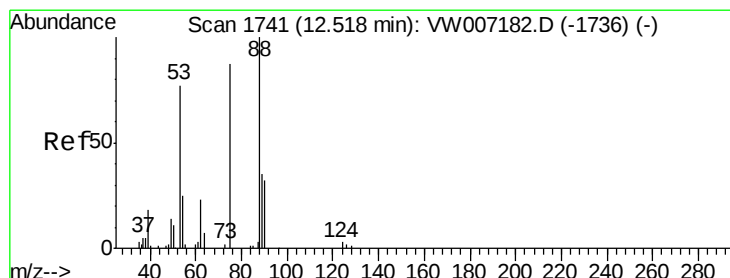
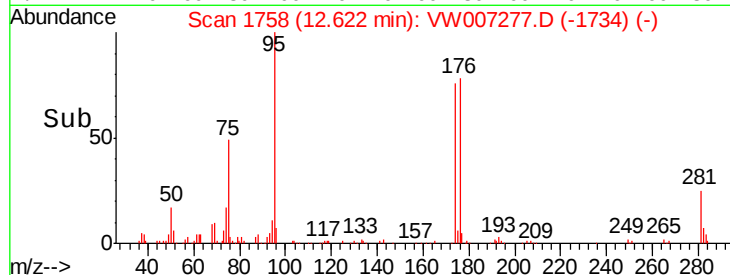
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 117.053 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007277.D

Acq: 06 Dec 2018 13:01

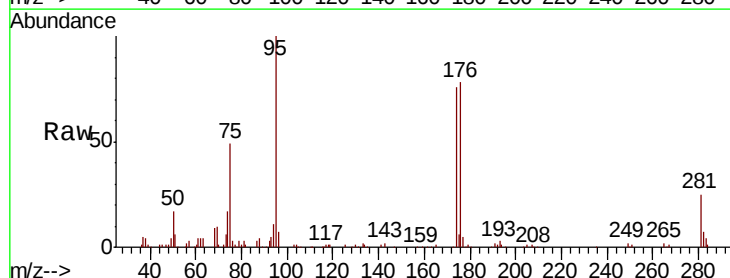
Tgt Ion: 75 Resp: 21050

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.4 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

12.62

15000

10000

5000

0

Time-->

