

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013714.D
 Acq On : 24 Oct 2019 16:44
 Operator : SY/VA
 Sample : K5501-02RE
 Misc : 8.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

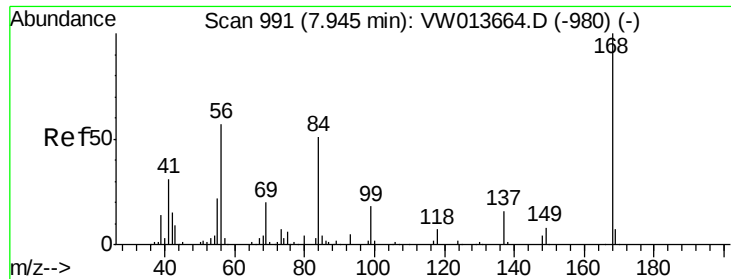
Quant Time: Oct 25 07:59:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	273493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	110203	53.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.42%	
35) Dibromofluoromethane	7.88	113	118637	50.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.98%	
50) Toluene-d8	10.32	98	474940	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.62	95	136822	42.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1186	2.726	ug/l #	84
20) Methylene Chloride	4.92	84	4702	Below Cal		92
28) Bromochloromethane	7.68	49	19	1.352	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17237	4.420	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23837	6.788	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1842	1.297	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	64311	65.645	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64311	124.060	ug/l #	14

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

Instrument :

MSVOA_W

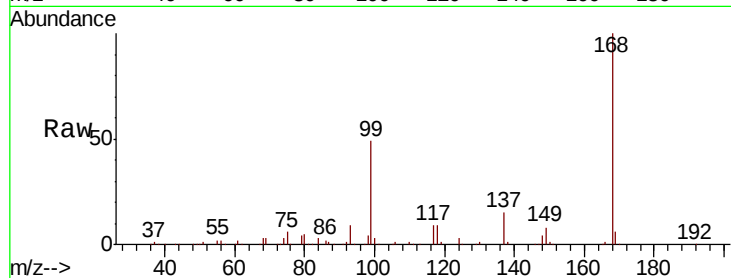
ClientSampled :

Tot Ion:168 Resp: 273493

Ion Ratio Lower Upper

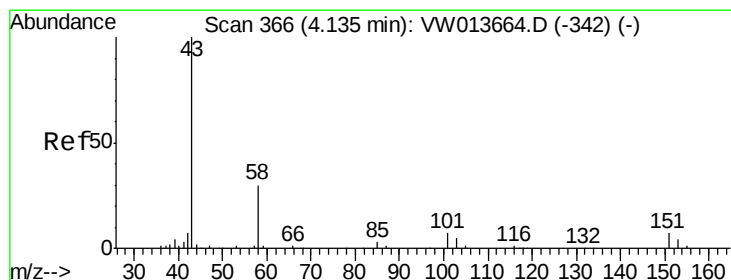
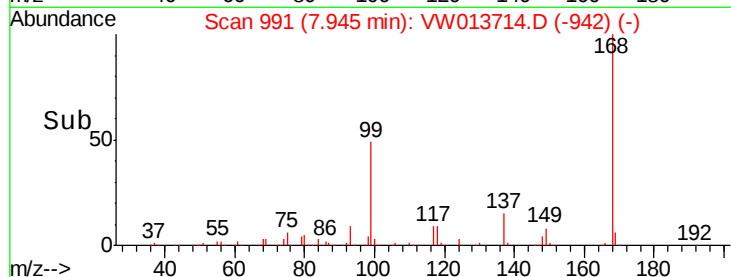
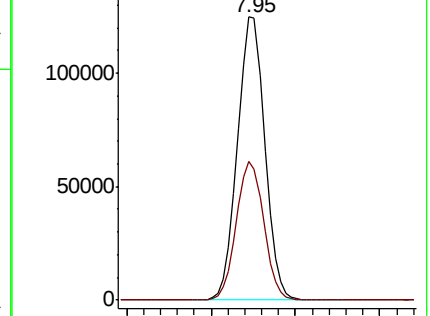
168 100

99 48.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.726 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013714.D

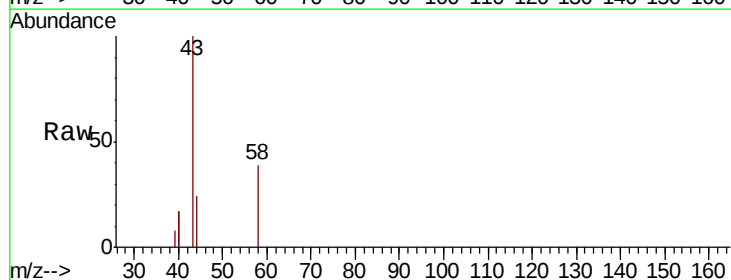
Acq: 24 Oct 2019 16:44

Tgt Ion: 43 Resp: 1186

Ion Ratio Lower Upper

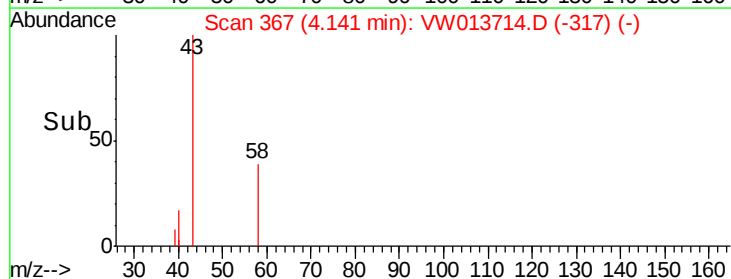
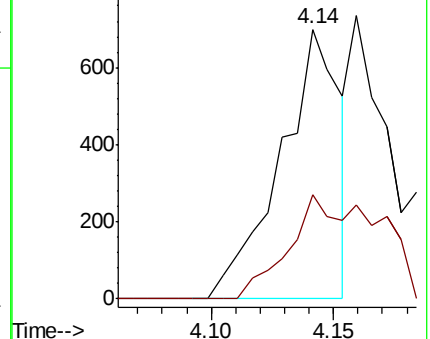
43 100

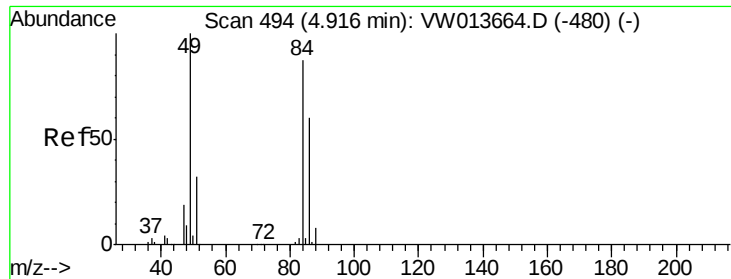
58 38.7 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

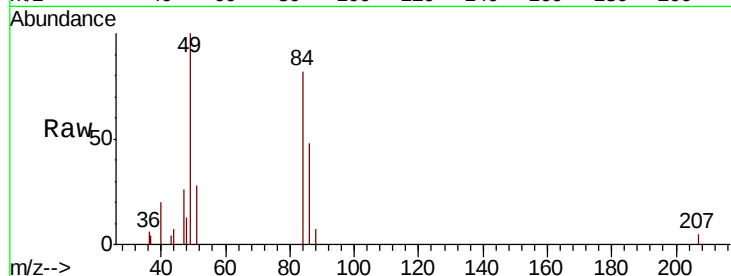




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013714.D
Acq: 24 Oct 2019 16:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	4702
Ion	Ratio	Lower	Upper
84	100		
49	122.1	91.8	137.6
51	34.1	29.8	44.6
86	58.5	55.2	82.8



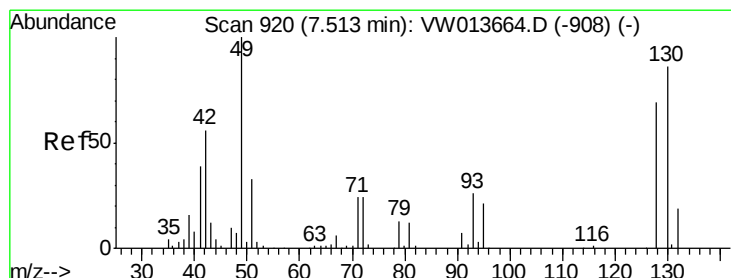
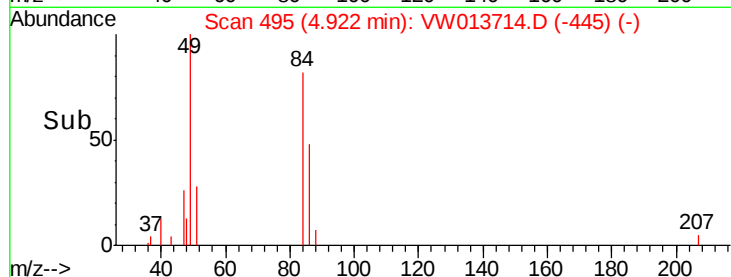
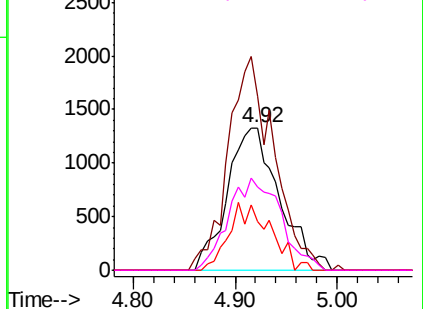
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

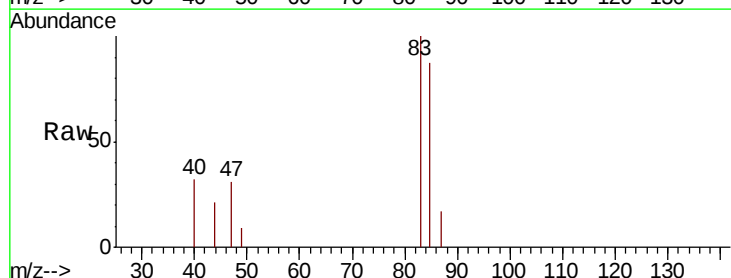
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#28
Bromochloromethane
Concen: 1.352 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.17 min
Lab File: VW013714.D
Acq: 24 Oct 2019 16:44

Tgt Ion:	49	Resp:	19
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.6
130	0.0	67.5	101.3#

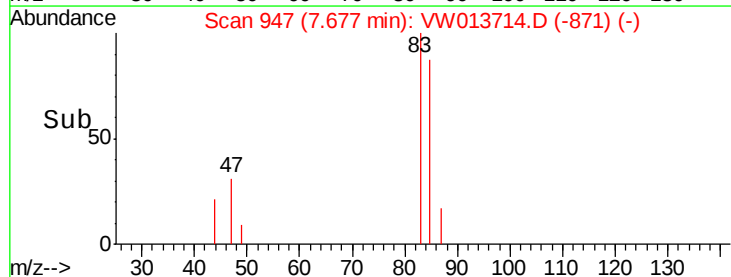
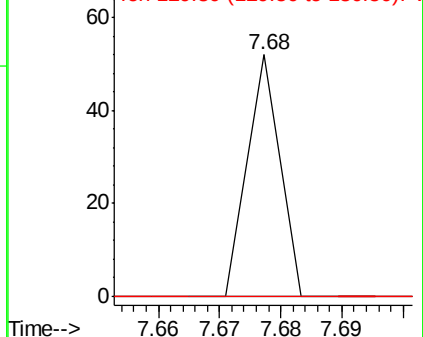


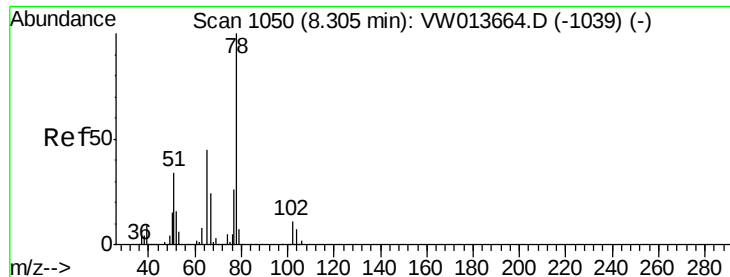
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

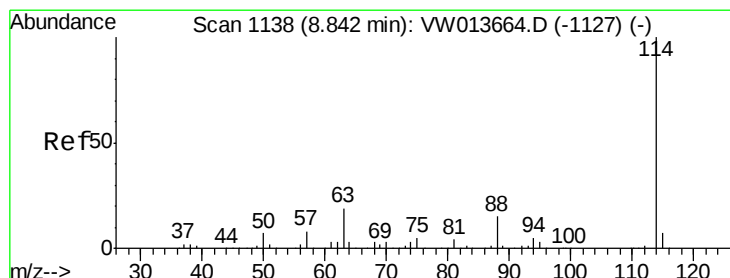
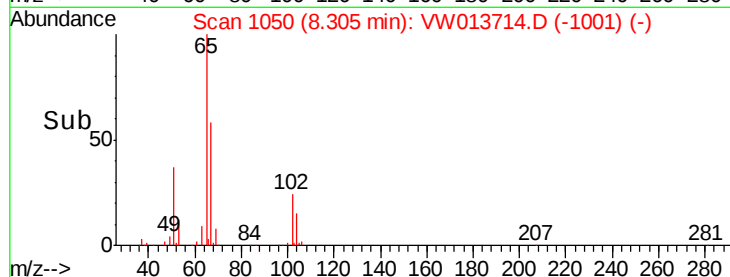
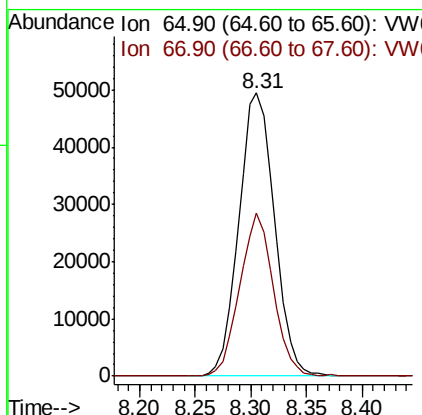
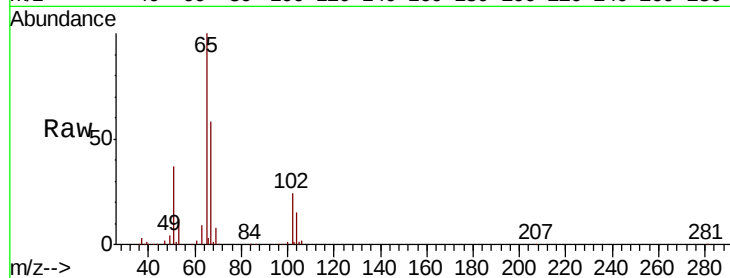




#33
 1,2-Dichloroethane-d4
 Concen: 53.714 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013714.D
 Acq: 24 Oct 2019 16:44

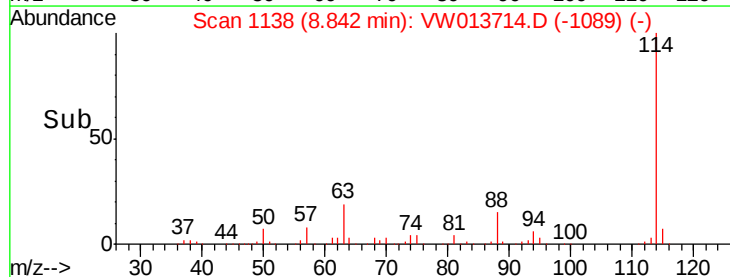
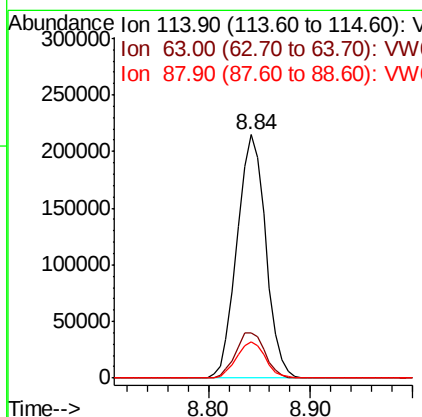
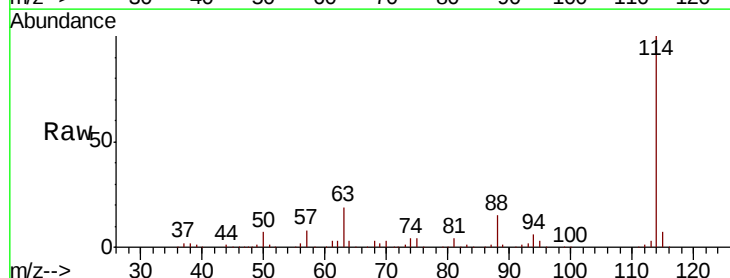
Instrument :
 MSVOA_W
 ClientSampled :

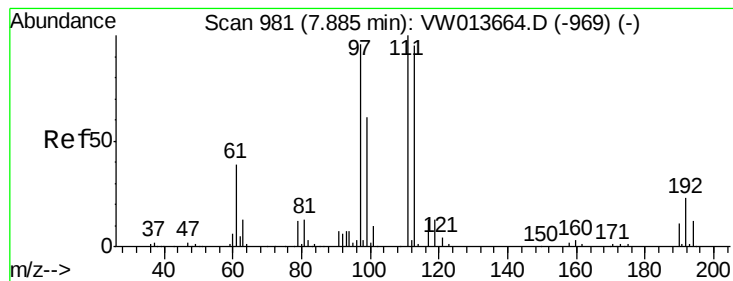
Tot Ion: 65 Resp: 110203
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013714.D
 Acq: 24 Oct 2019 16:44

Tgt Ion: 114 Resp: 418702
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.993 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

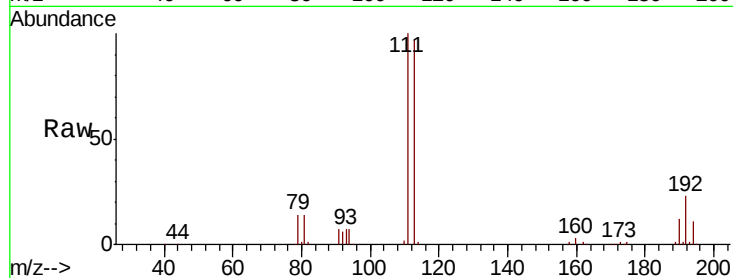
Tot Ion:113 Resp: 118637

Ion Ratio Lower Upper

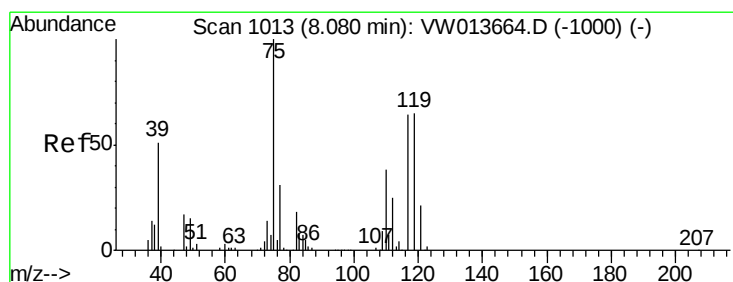
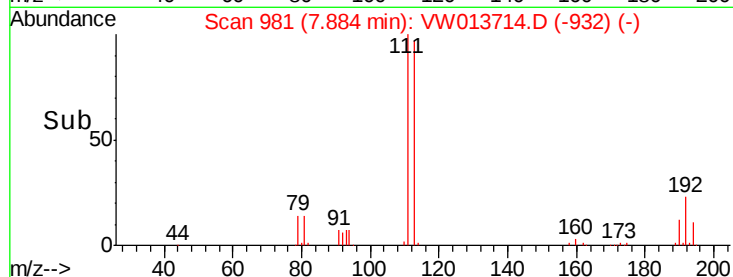
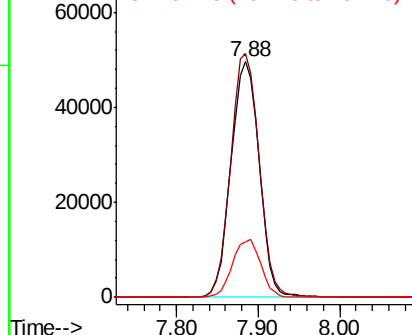
113 100

111 103.8 83.0 124.6

192 24.6 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

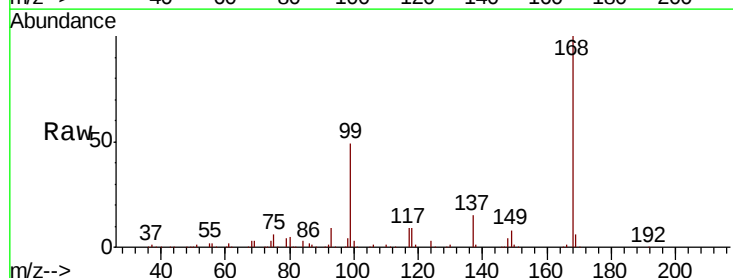
Tgt Ion: 75 Resp: 17237

Ion Ratio Lower Upper

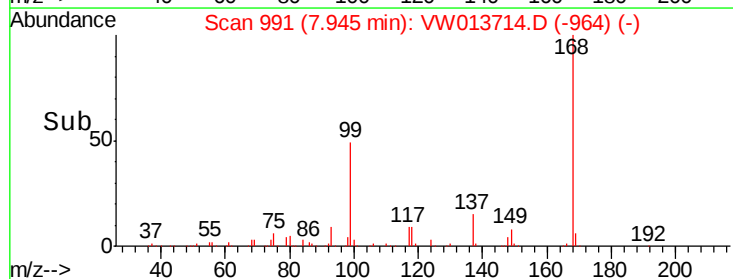
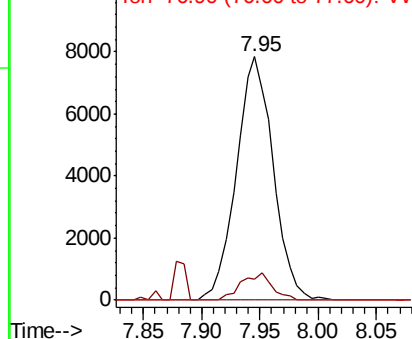
75 100

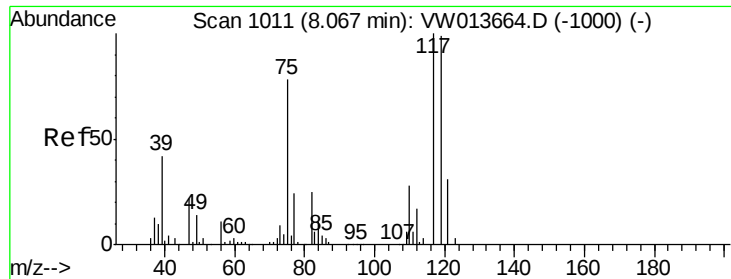
110 9.4 18.7 56.1#

77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

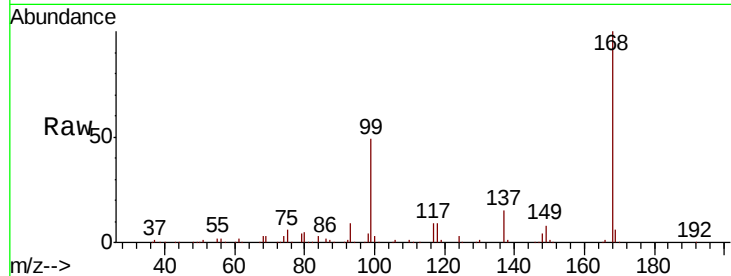




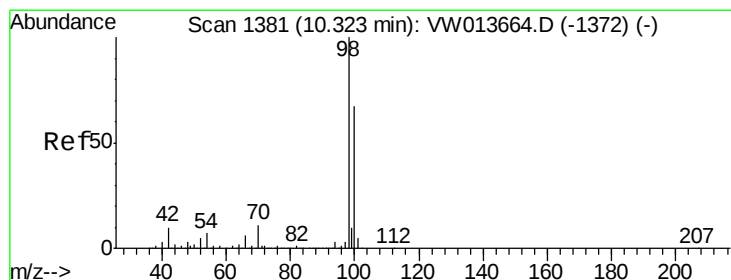
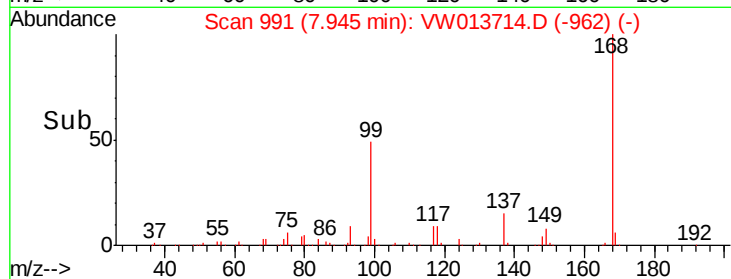
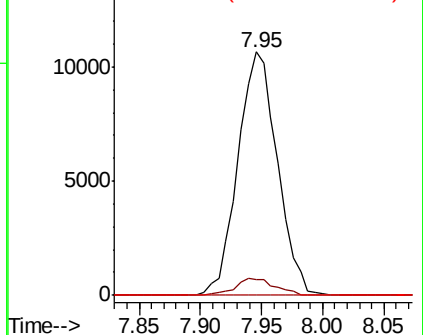
#38
Carbon Tetrachloride
Concen: 6.788 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013714.D
Acq: 24 Oct 2019 16:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 23837
Ion Ratio Lower Upper
117 100
119 6.4 79.0 118.4#
121 0.0 24.5 36.7#

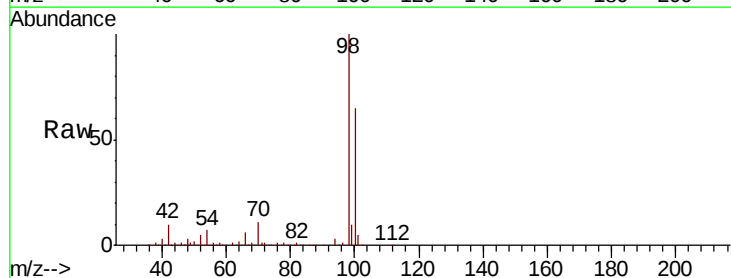


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

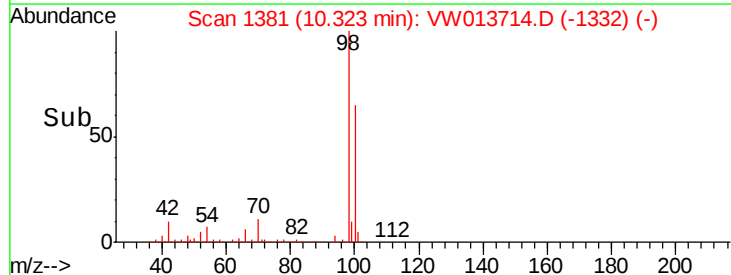
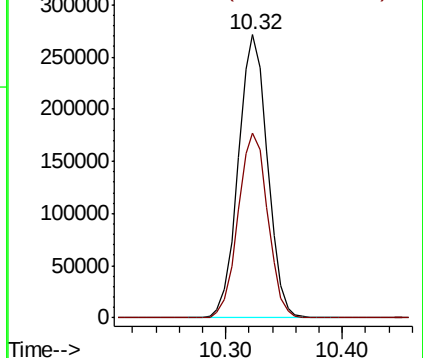


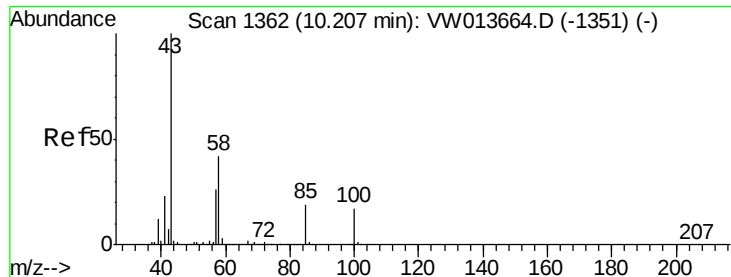
#50
Toluene-d8
Concen: 50.099 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013714.D
Acq: 24 Oct 2019 16:44

Tgt Ion: 98 Resp: 474940
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.297 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

Instrument :

MSVOA_W

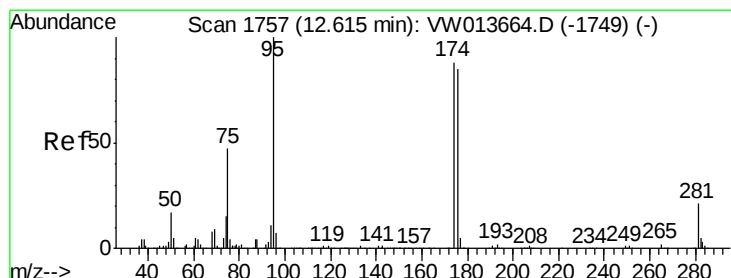
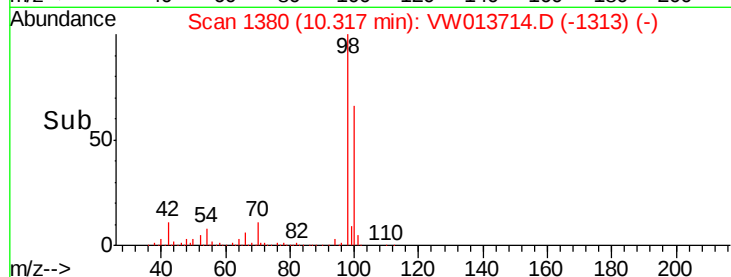
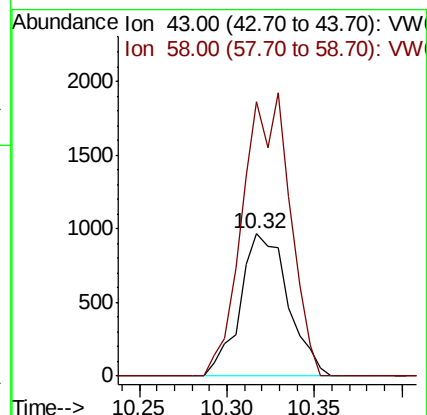
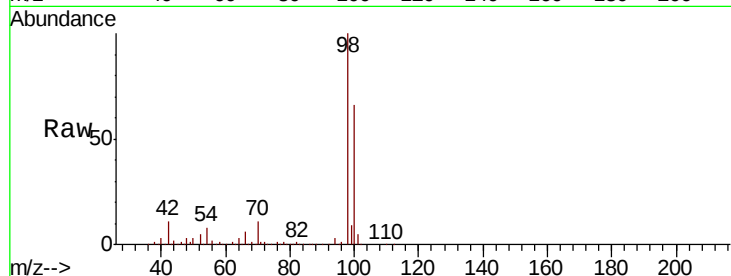
ClientSampleId :

Tot Ion: 43 Resp: 1842

Ion Ratio Lower Upper

43 100

58 195.5 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 42.624 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

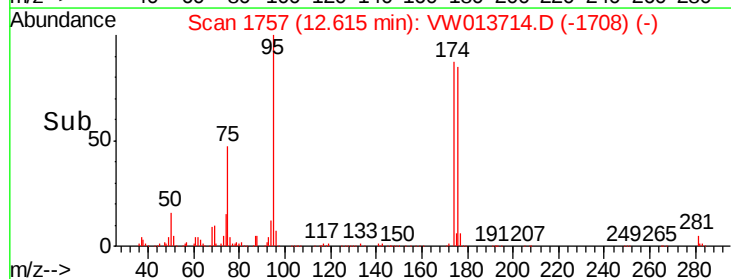
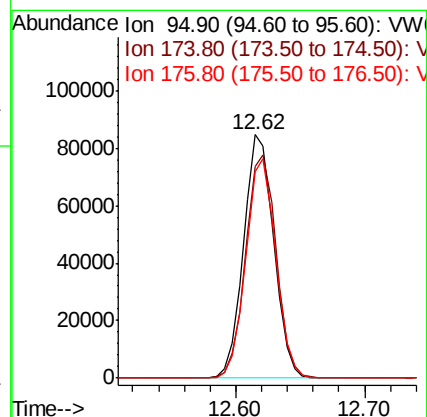
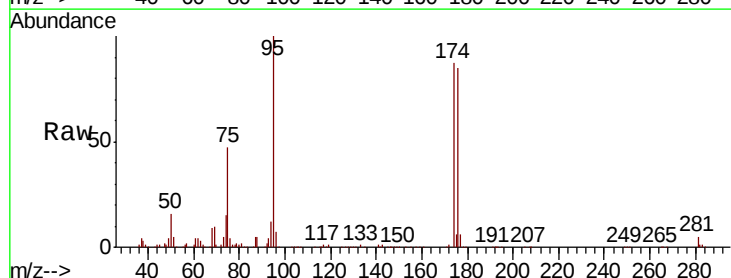
Tgt Ion: 95 Resp: 136822

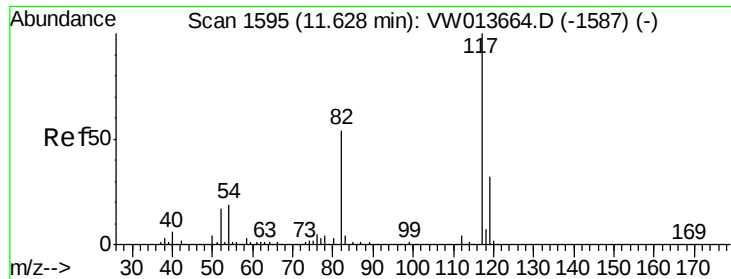
Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.6

176 89.2 0.0 178.0

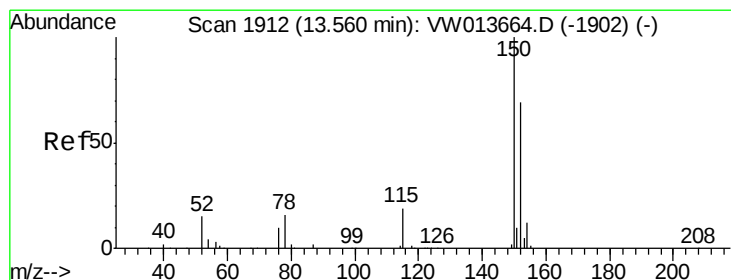
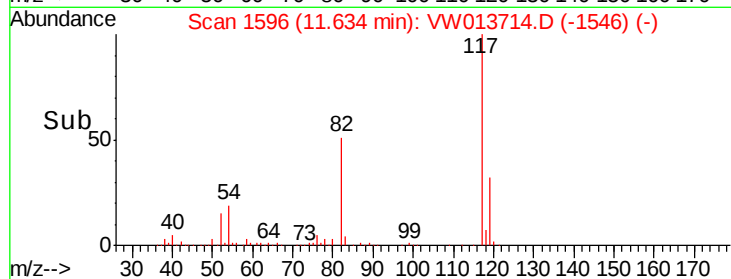
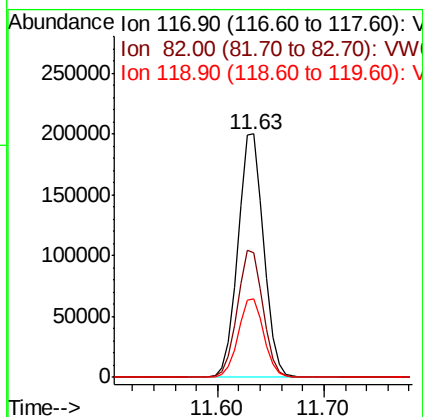
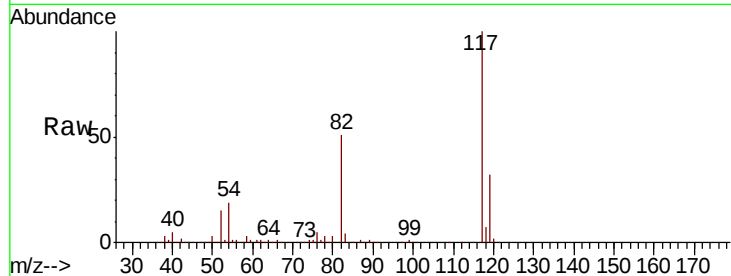




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013714.D
Acq: 24 Oct 2019 16:44

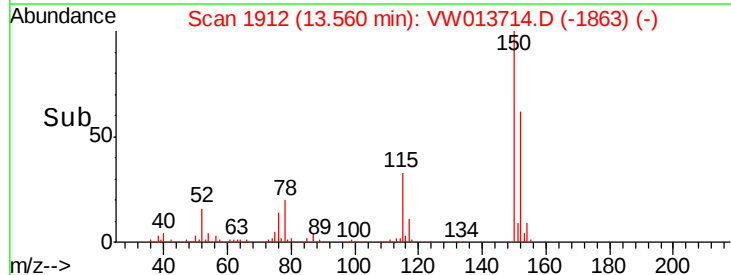
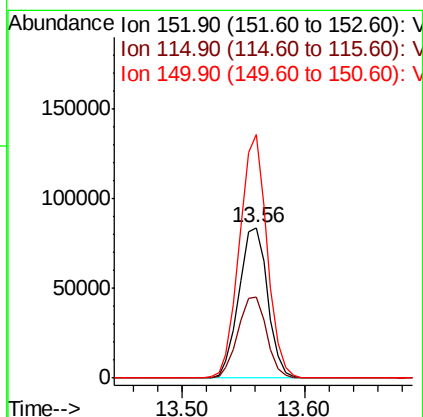
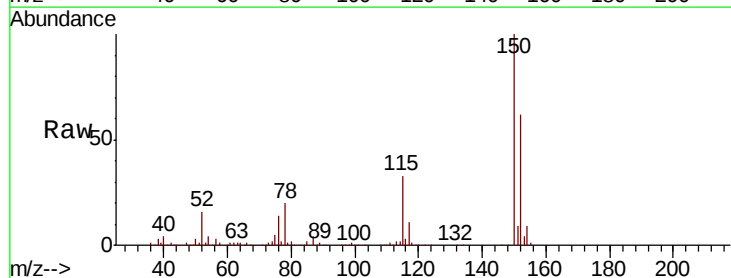
Instrument :
MSVOA_W
ClientSampled :

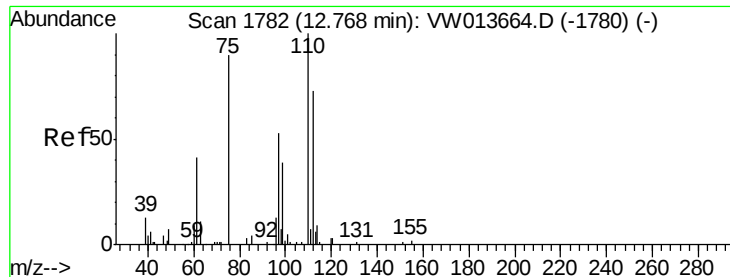
Tot Ion:117 Resp: 340614
Ion Ratio Lower Upper
117 100
82 51.0 43.6 65.4
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013714.D
Acq: 24 Oct 2019 16:44

Tgt Ion:152 Resp: 136419
Ion Ratio Lower Upper
152 100
115 53.8 27.4 82.2
150 154.8 0.0 345.4





#76

1,2,3-Trichloropropane

Concen: 65.645 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

Instrument :

MSVOA_W

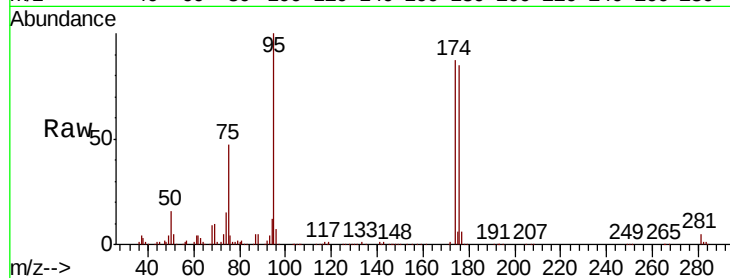
ClientSampleId :

Tot Ion: 75 Resp: 64311

Ion Ratio Lower Upper

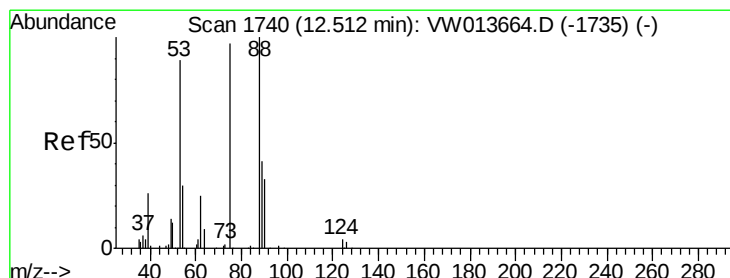
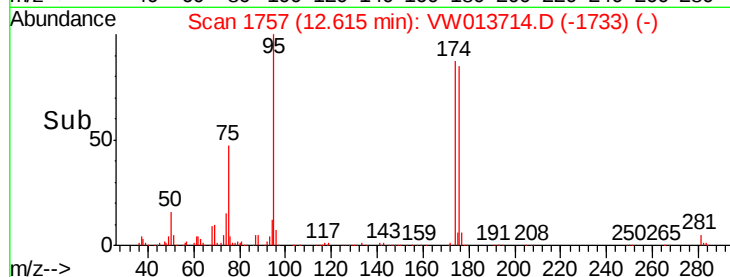
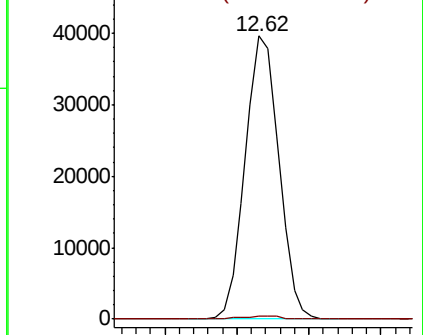
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 124.060 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

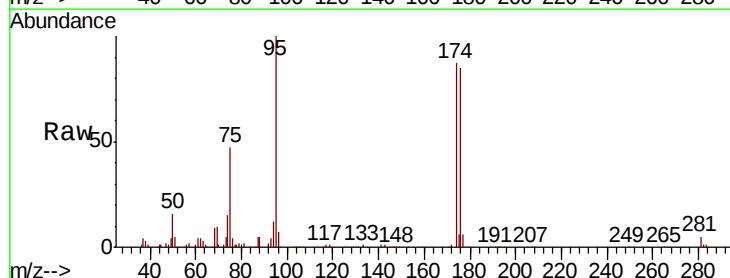
Tgt Ion: 75 Resp: 64311

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#



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

