

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013711.D
 Acq On : 24 Oct 2019 15:16
 Operator : SY/VA
 Sample : VW1024SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBL01

Quant Time: Oct 25 07:57:33 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

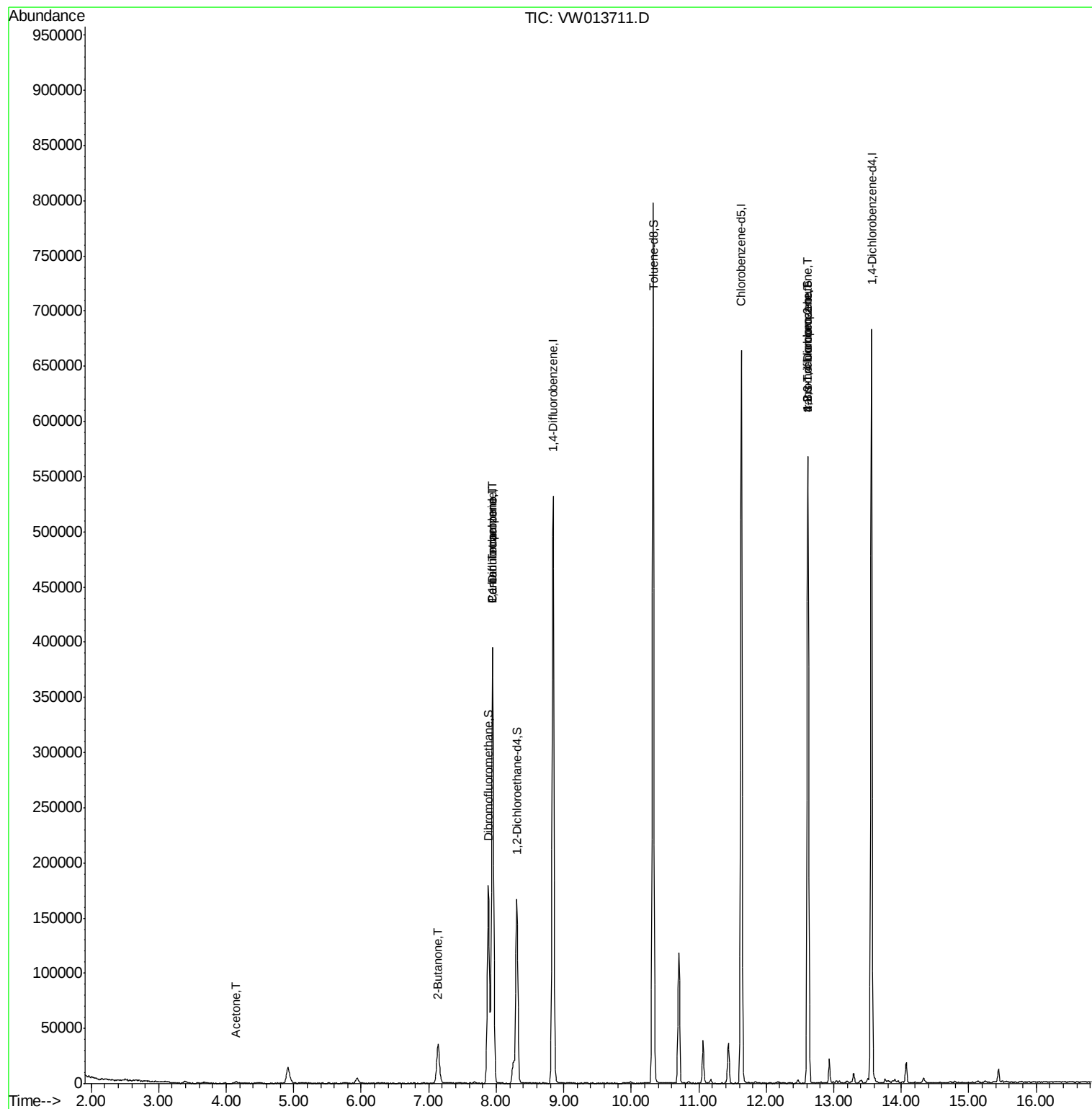
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	329566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126457	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
35) Dibromofluoromethane	7.88	113	131524	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.32	98	530873	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.62	95	173302	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
16) Acetone	4.14	43	3432	6.547	ug/l #	83
20) Methylene Chloride	4.92	84	12454	Below Cal		94
25) 2-Butanone	7.13	43	1676	2.224	ug/l #	65
36) 1,1-Dichloropropene	7.95	75	21044	4.784	ug/l #	48
38) Carbon Tetrachloride	7.95	117	28156	7.108	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	83021	58.327	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83021	110.231	ug/l #	14

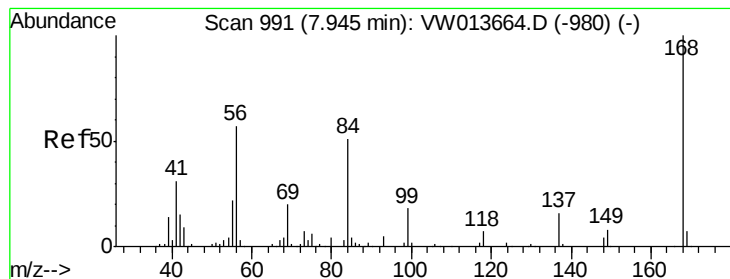
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102419\
Data File : VW013711.D
Acq On : 24 Oct 2019 15:16
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Sample : VW1024SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBL01

Quant Time: Oct 25 07:57:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013711.D

Acq: 24 Oct 2019 15:16

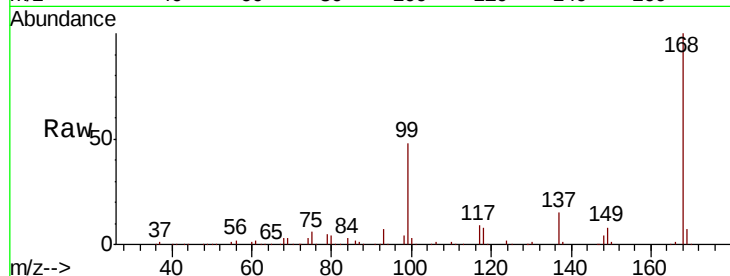
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBL01

Tot Ion:168 Resp: 329566

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

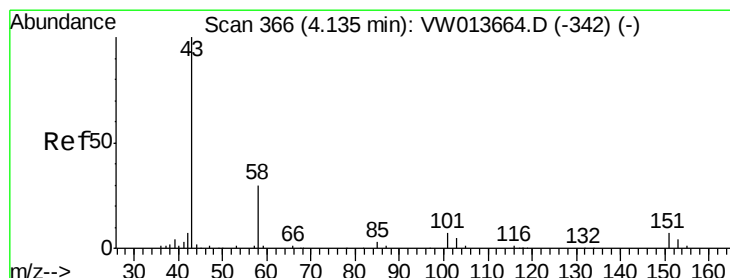
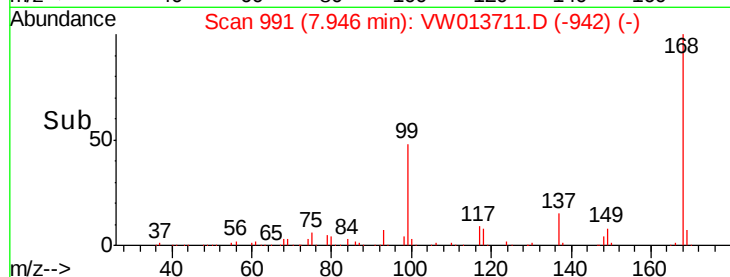
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.547 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013711.D

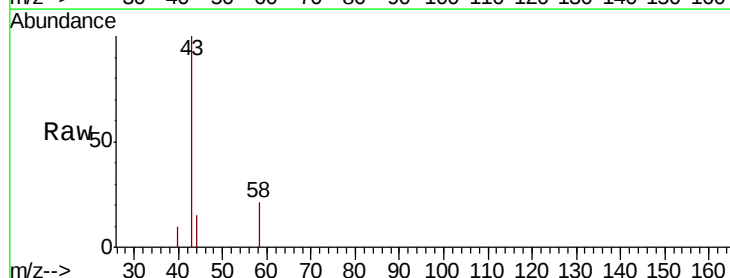
Acq: 24 Oct 2019 15:16

Tgt Ion: 43 Resp: 3432

Ion Ratio Lower Upper

43 100

58 21.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1200

1000

800

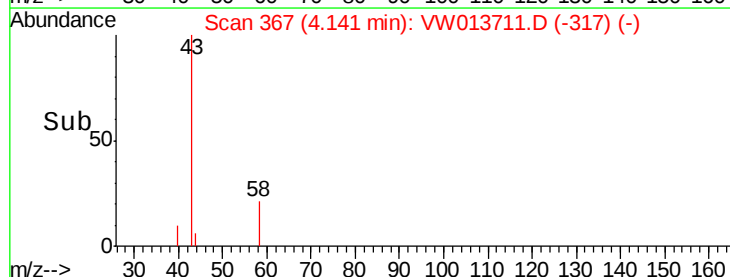
600

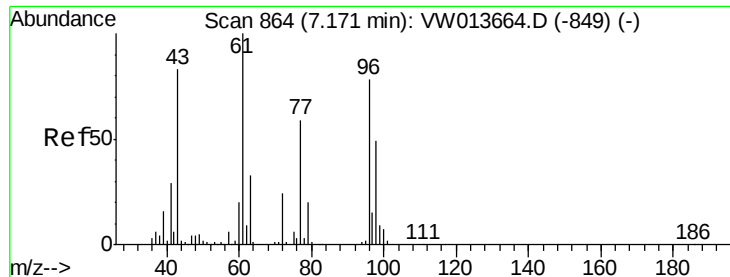
400

200

0

Time-->





#25

2-Butanone

Concen: 2.224 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW013711.D

Acq: 24 Oct 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

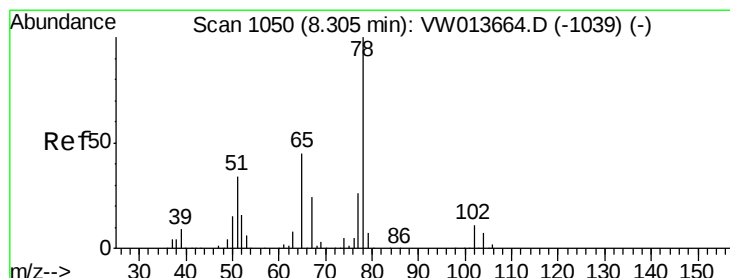
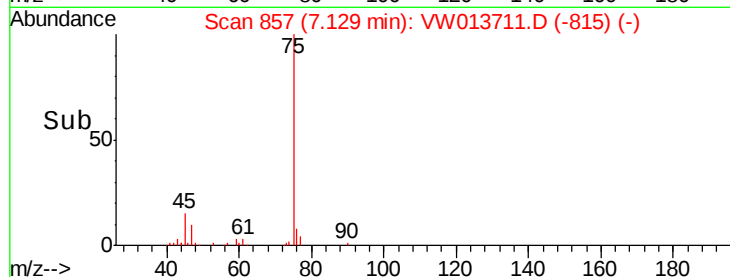
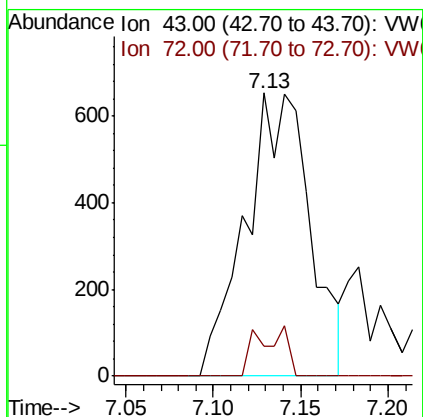
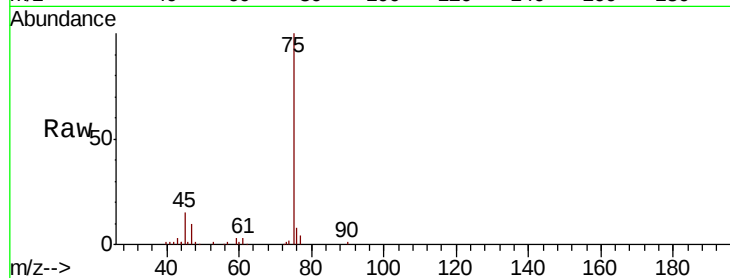
VW1024SBL01

Tot Ion: 43 Resp: 1676

Ion Ratio Lower Upper

43 100

72 10.4 23.6 35.4#



#33

1,2-Dichloroethane-d4

Concen: 51.150 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013711.D

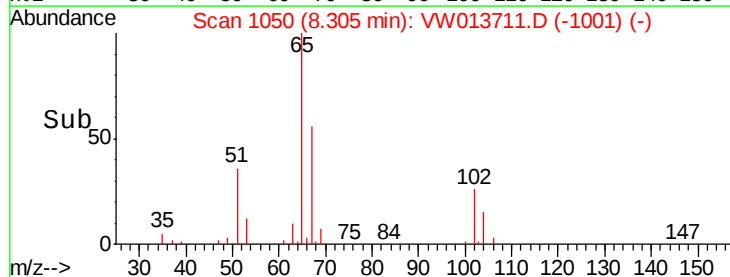
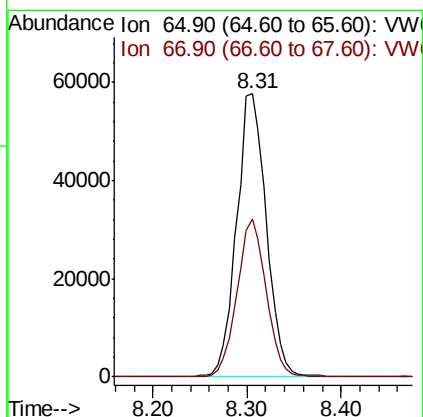
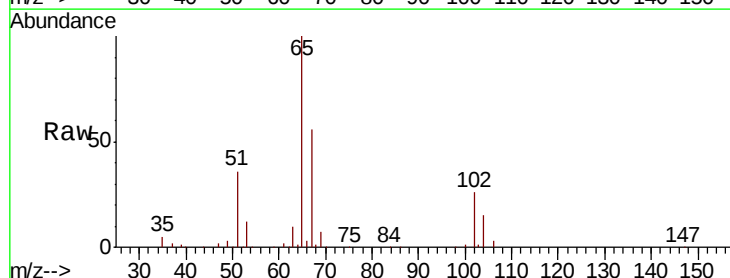
Acq: 24 Oct 2019 15:16

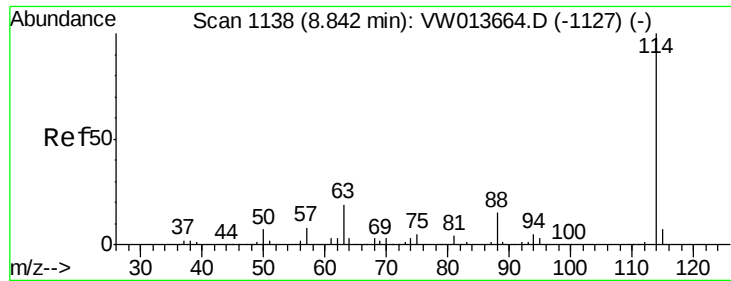
Tgt Ion: 65 Resp: 126457

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.4

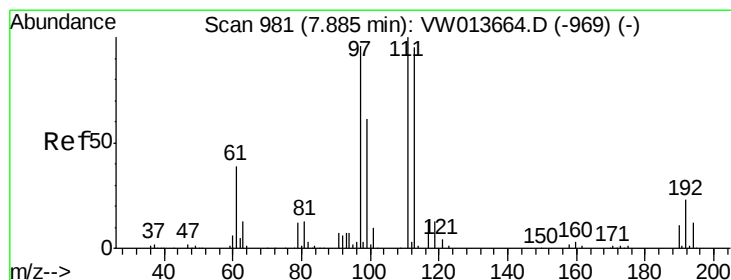
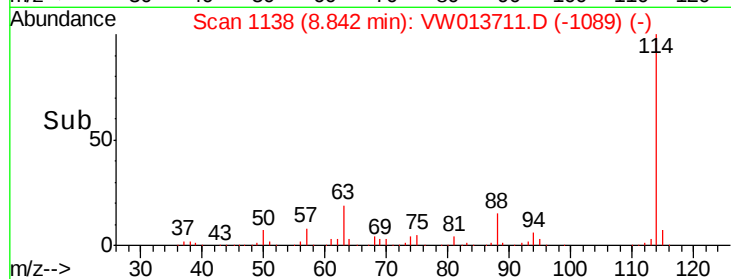
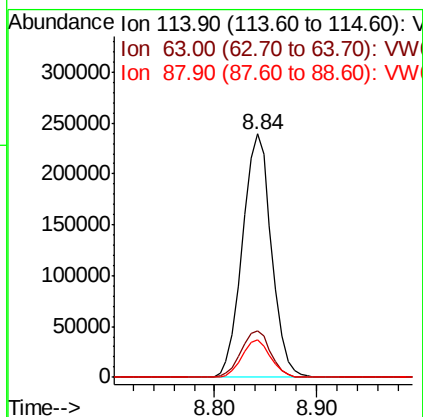
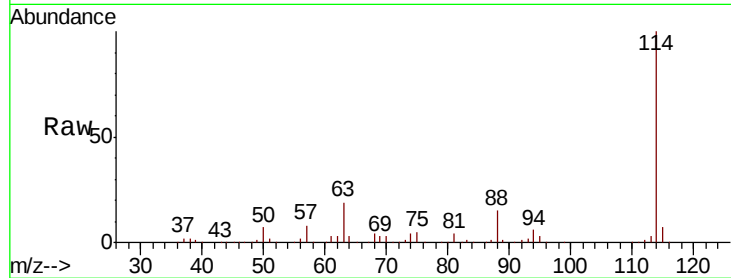




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013711.D
 Acq: 24 Oct 2019 15:16

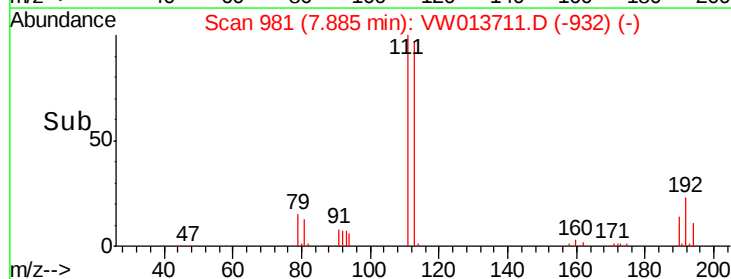
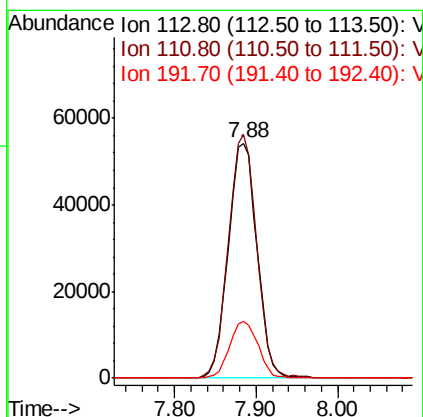
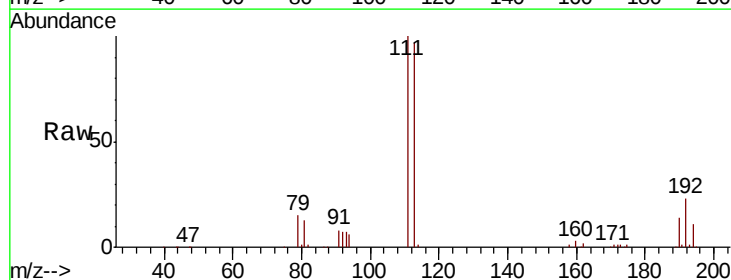
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBL01

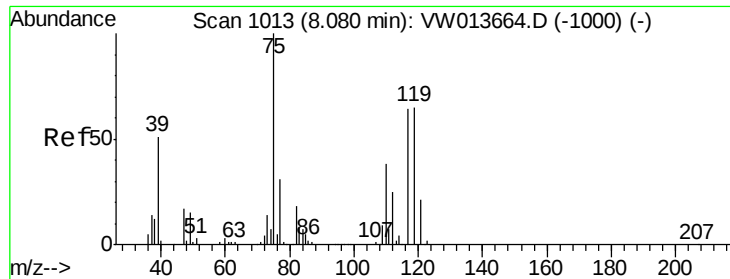
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.6
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 50.112 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013711.D
 Acq: 24 Oct 2019 15:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	23.9	19.4	29.2

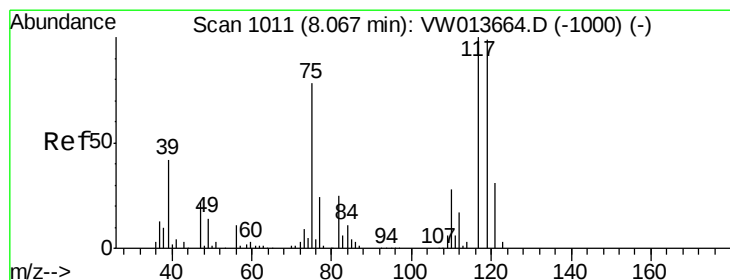
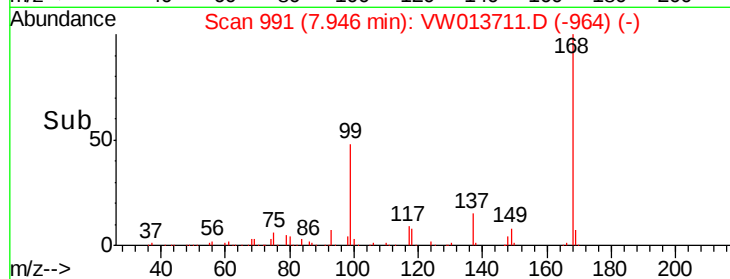
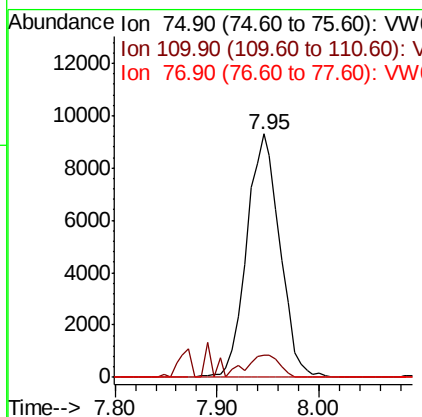
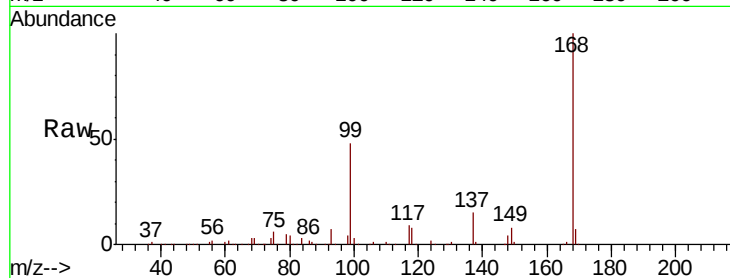




#36
 1,1-Dichloropropene
 Concen: 4.784 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013711.D
 Acq: 24 Oct 2019 15:16

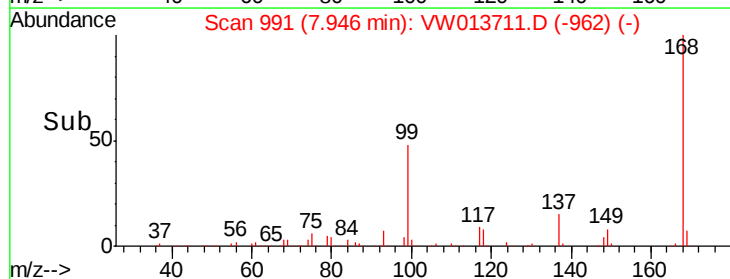
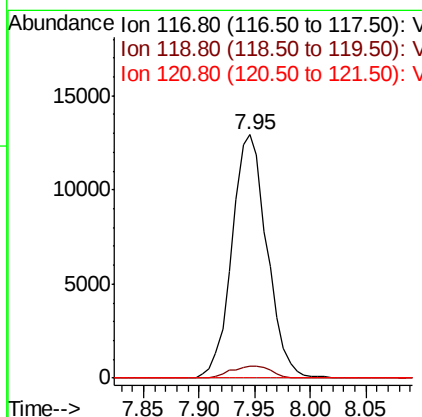
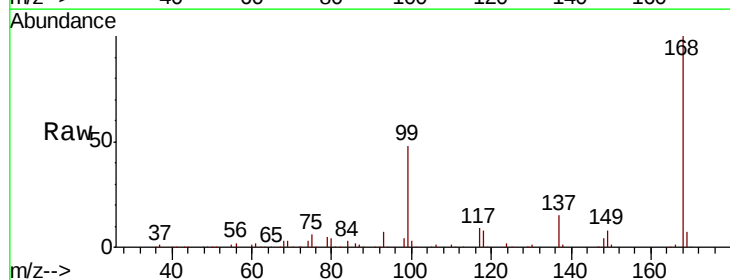
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBL01

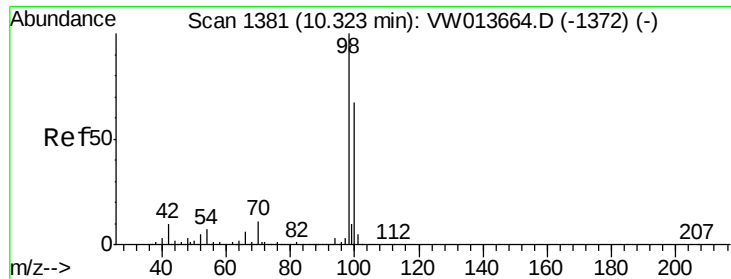
Tot Ion: 75 Resp: 21044
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 7.108 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013711.D
 Acq: 24 Oct 2019 15:16

Tgt Ion: 117 Resp: 28156
 Ion Ratio Lower Upper
 117 100
 119 4.7 79.0 118.4#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.639 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013711.D

Acq: 24 Oct 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

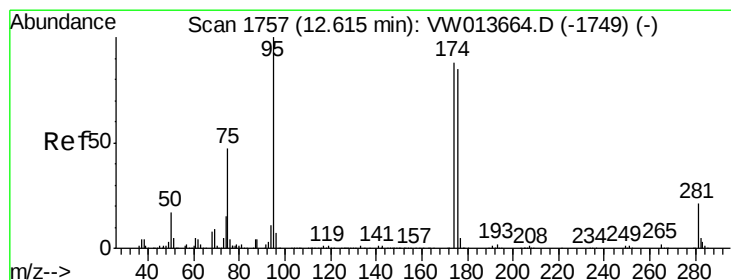
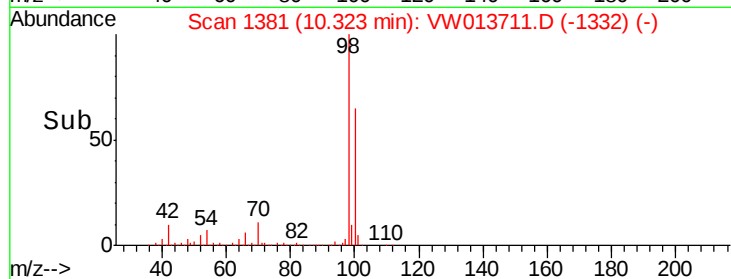
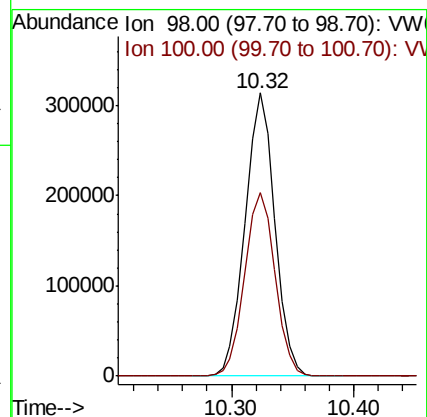
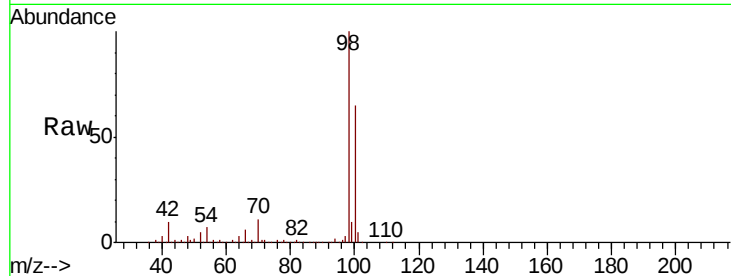
VW1024SBL01

Tot Ion: 98 Resp: 530873

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 47.857 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013711.D

Acq: 24 Oct 2019 15:16

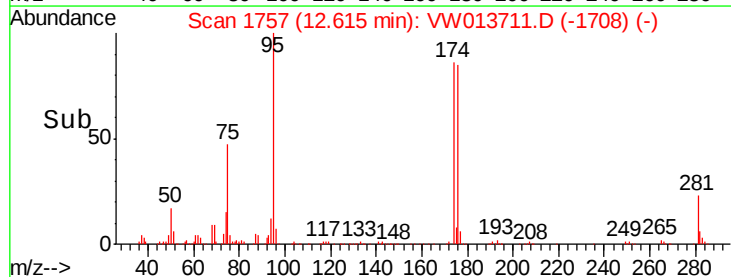
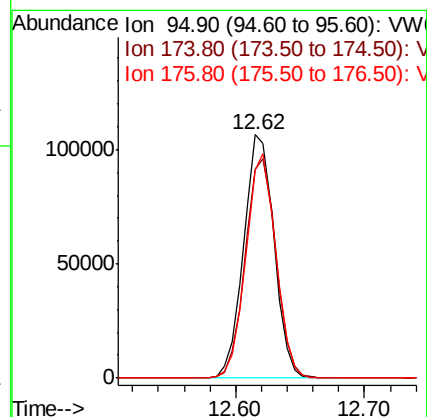
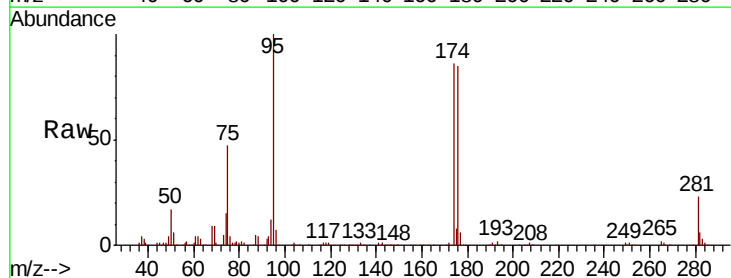
Tgt Ion: 95 Resp: 173302

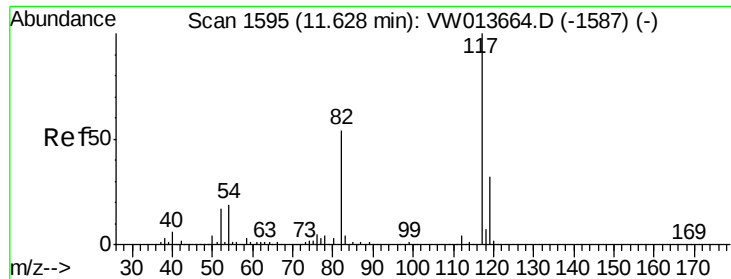
Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.6

176 90.3 0.0 178.0

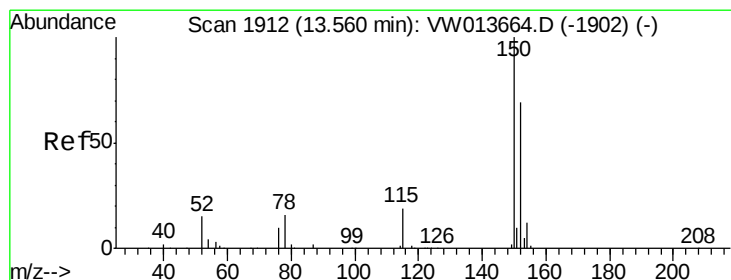
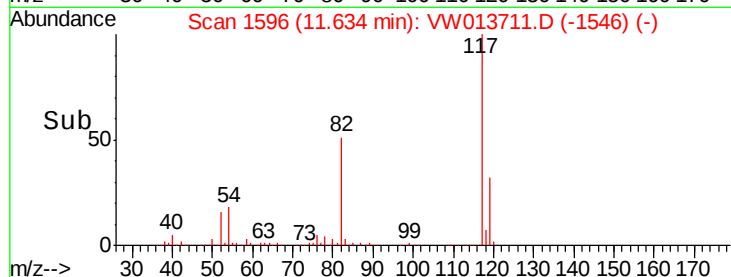
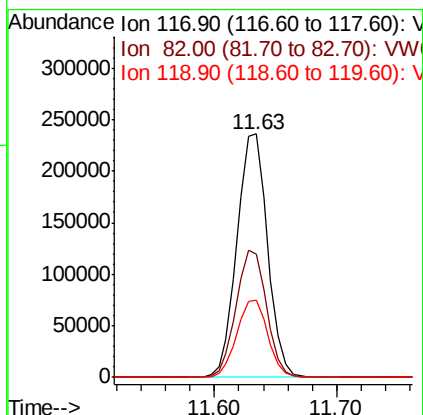
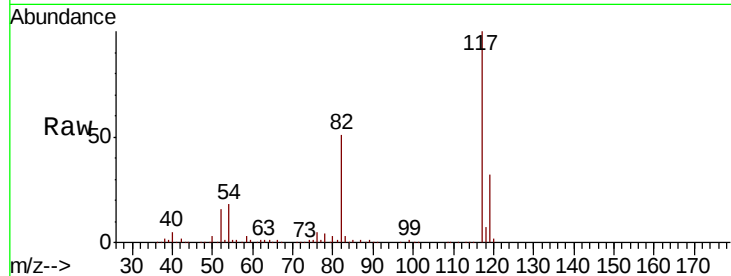




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013711.D
Acq: 24 Oct 2019 15:16

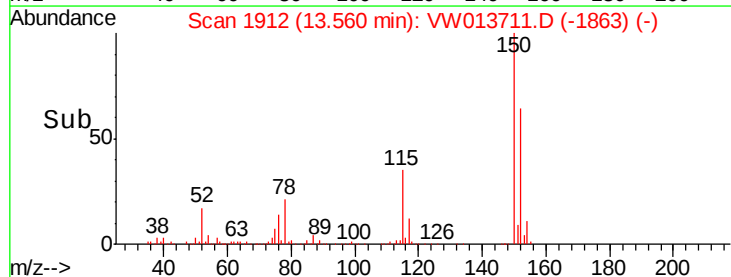
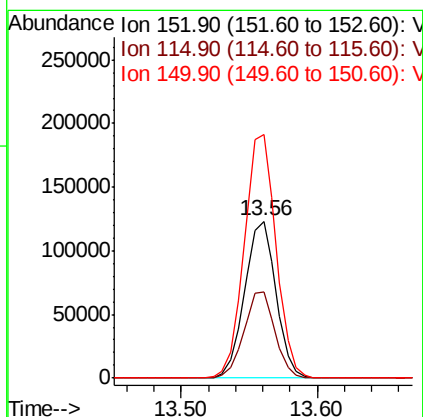
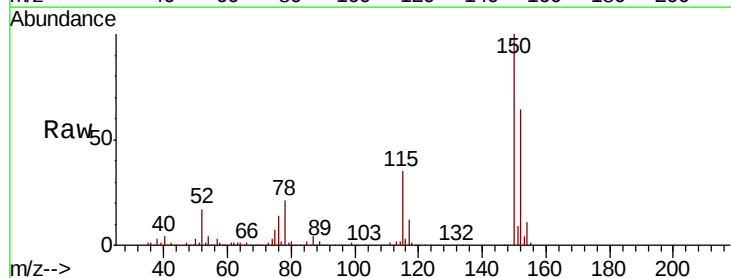
Instrument :
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ClientSampleId :
VW1024SBL01

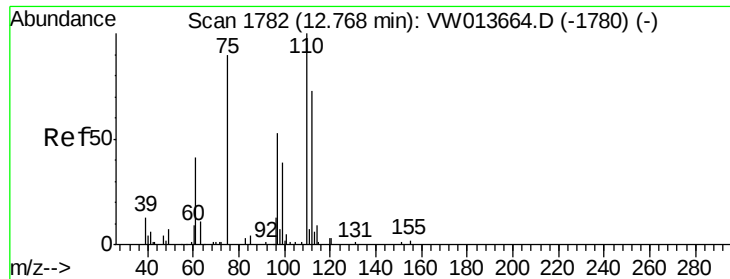
Tot Ion:117 Resp: 408821
Ion Ratio Lower Upper
117 100
82 50.6 43.6 65.4
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013711.D
Acq: 24 Oct 2019 15:16

Tgt Ion:152 Resp: 198201
Ion Ratio Lower Upper
152 100
115 54.5 27.4 82.2
150 157.4 0.0 345.4

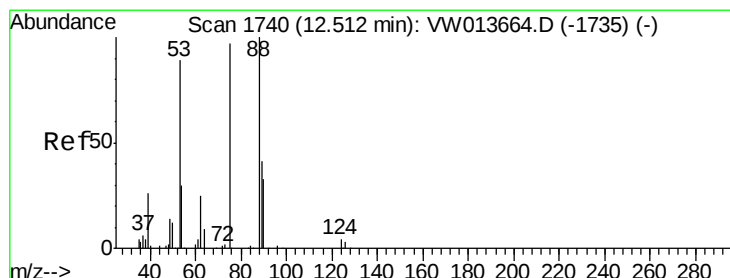
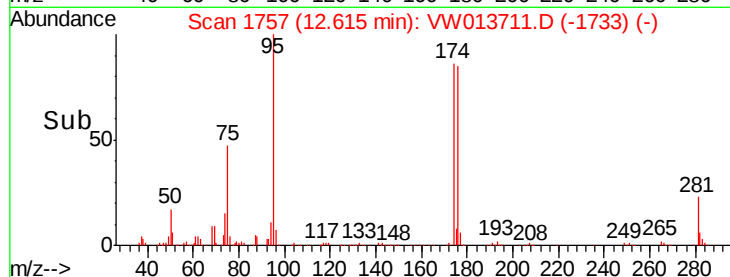
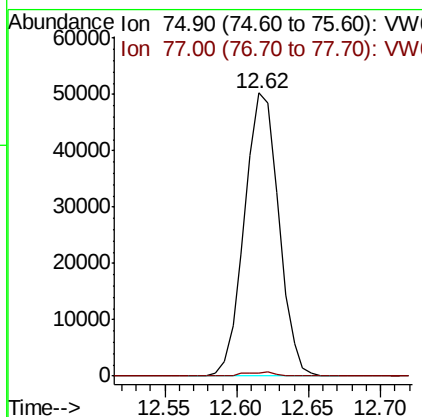
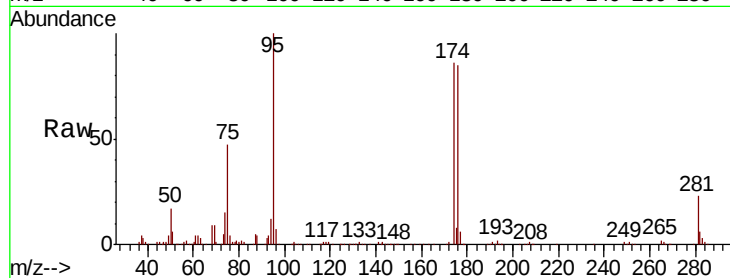




#76
 1,2,3-Trichloropropane
 Concen: 58.327 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013711.D
 Acq: 24 Oct 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBL01

Tot Ion: 75 Resp: 83021
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.231 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013711.D
 Acq: 24 Oct 2019 15:16

Tgt Ion: 75 Resp: 83021
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.7 107.5#
 89 0.1 35.8 53.8#

