

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012891.D
 Acq On : 11 Sep 2019 01:54
 Operator : SY/VA
 Sample : K4696-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WS-SB04-3.0-3.5

Quant Time: Sep 11 09:00:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

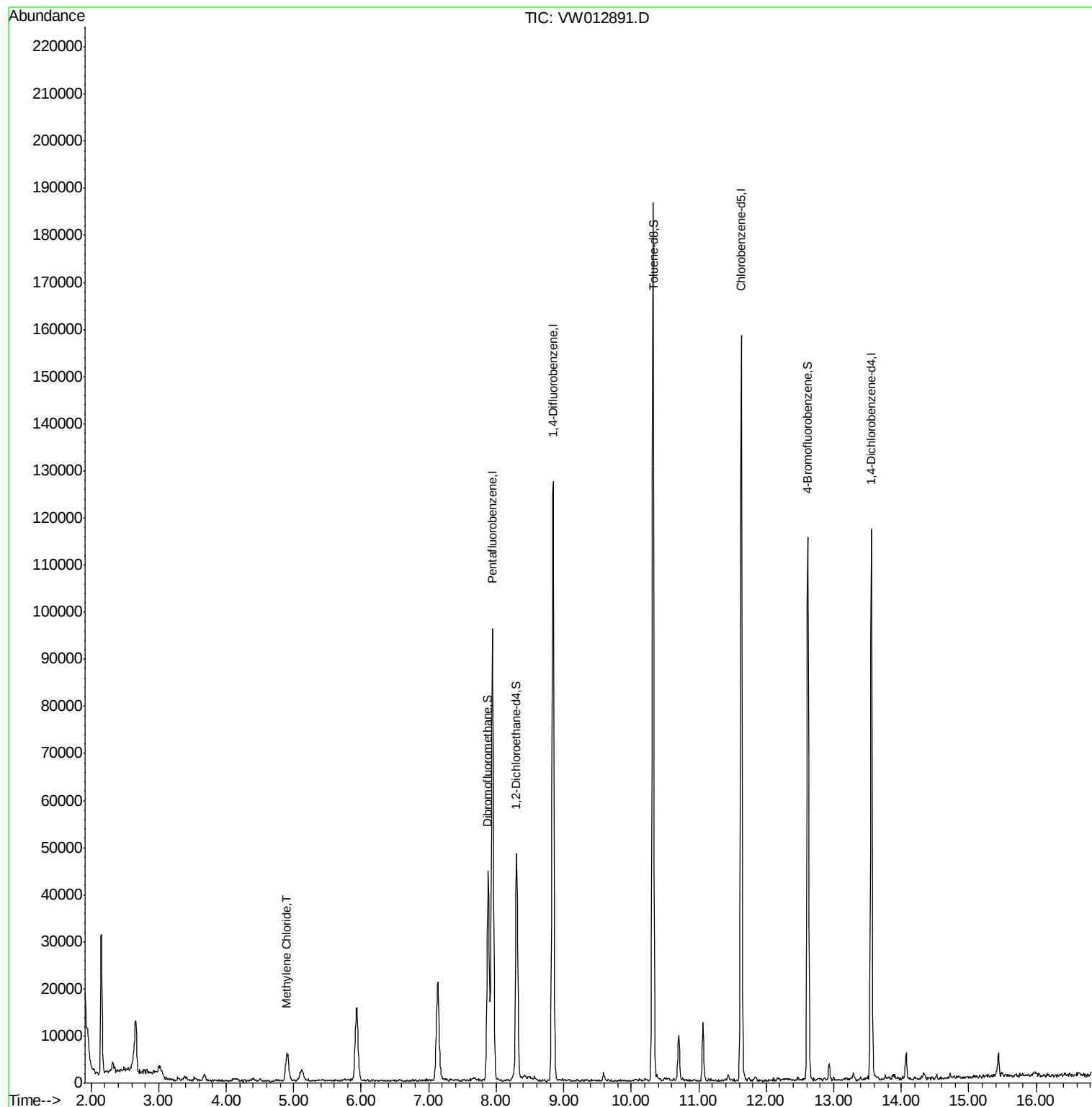
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	74177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	104512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	83395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	38854	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	7.88	113	32581	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	10.32	98	123556	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.62	95	35517	40.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.38%	
Target Compounds						
20) Methylene Chloride	4.90	84	4019	5.686	ug/l #	Qvalue 86

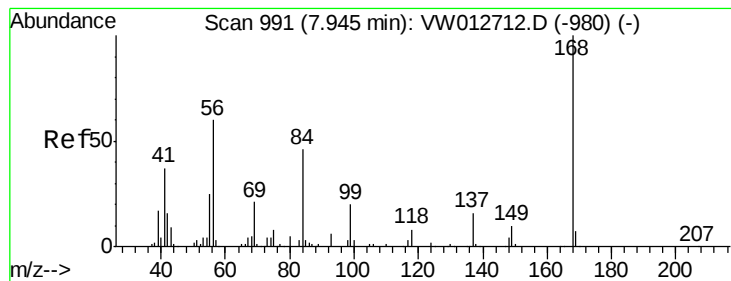
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012891.D

Acq: 11 Sep 2019 01:54

Instrument :

MSVOA_W

ClientSampleId :

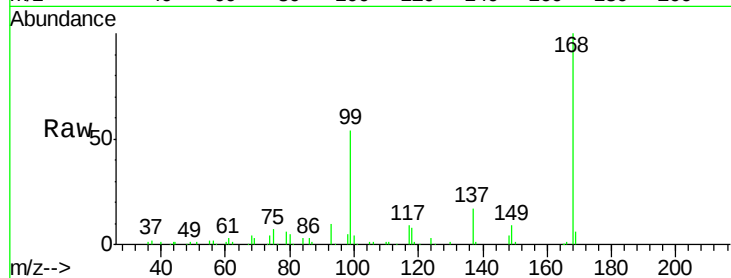
WS-SB04-3.0-3.5

Tot Ion:168 Resp: 74177

Ion Ratio Lower Upper

168 100

99 54.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

30000

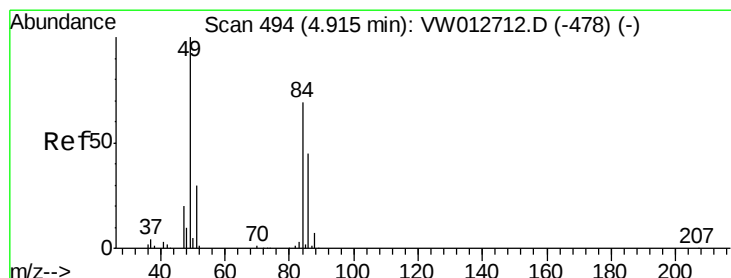
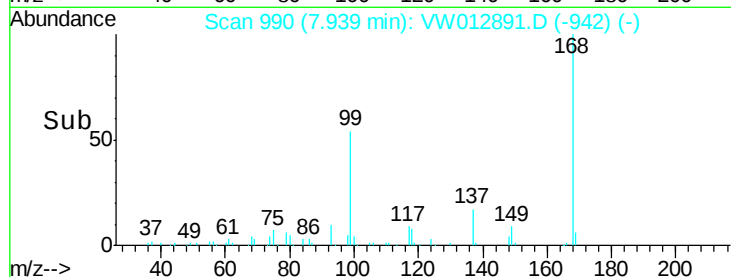
20000

10000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 5.686 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012891.D

Acq: 11 Sep 2019 01:54

Tgt Ion: 84 Resp: 4019

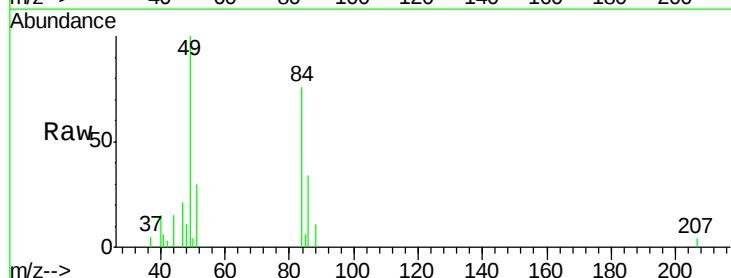
Ion Ratio Lower Upper

84 100

49 131.5 115.4 173.0

51 40.0 34.9 52.3

86 44.2 52.2 78.4#



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

4.90

3000

2500

2000

1500

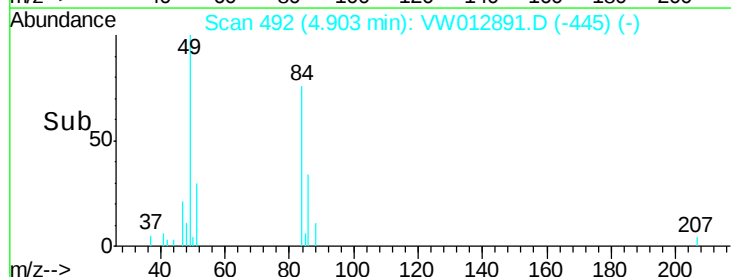
1000

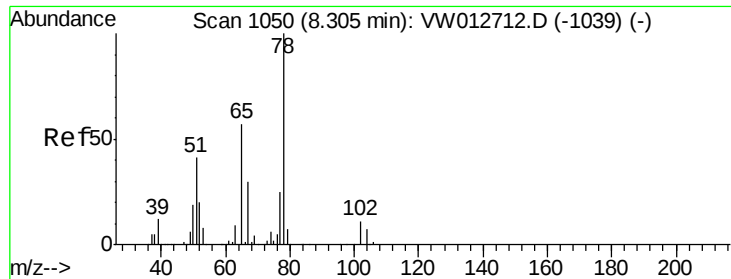
500

0

4.80 4.85 4.90 4.95 5.00

Time-->

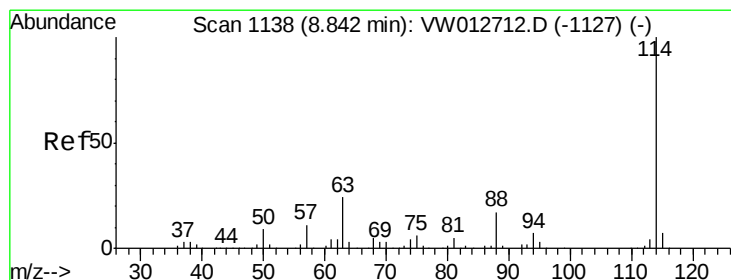
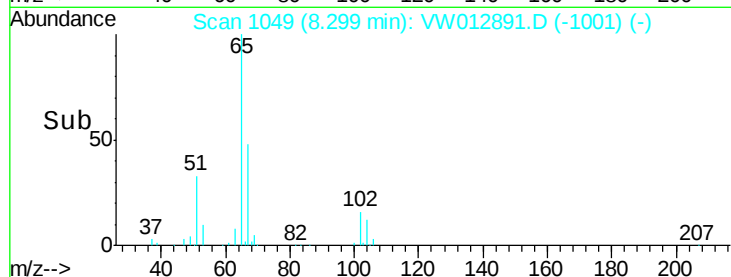
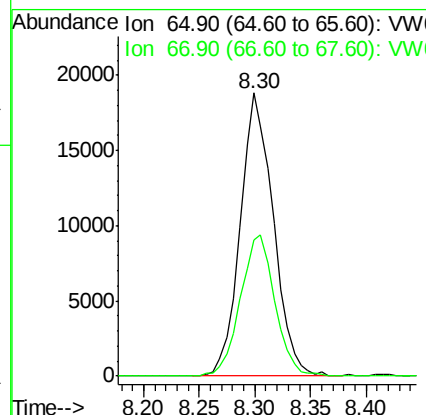
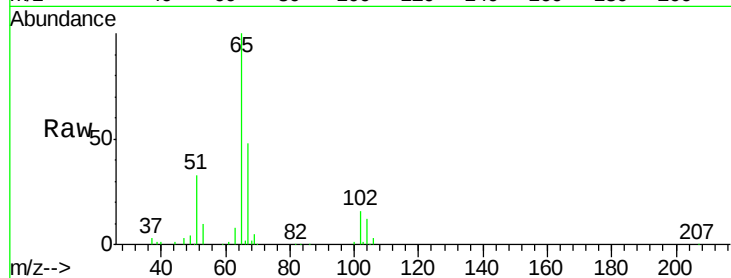




#33
 1,2-Dichloroethane-d4
 Concen: 46.880 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012891.D
 Acq: 11 Sep 2019 01:54

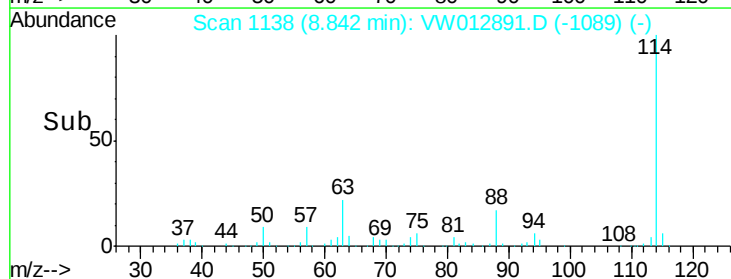
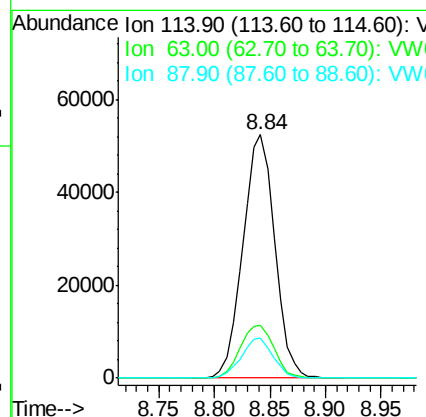
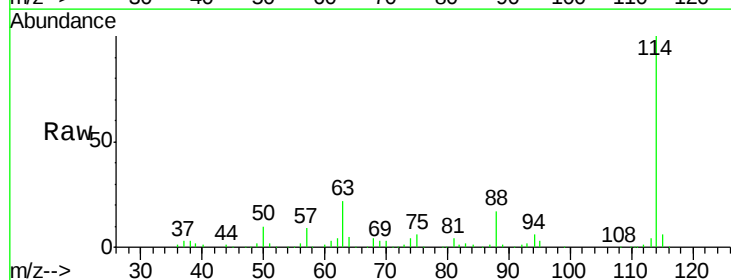
Instrument :
 MSVOA_W
 ClientSampleId :
 WS-SB04-3.0-3.5

Tot Ion: 65 Resp: 38854
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012891.D
 Acq: 11 Sep 2019 01:54

Tgt Ion: 114 Resp: 104512
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 47.2
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.436 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012891.D

Acq: 11 Sep 2019 01:54

Instrument :

MSVOA_W

ClientSampleId :

WS-SB04-3.0-3.5

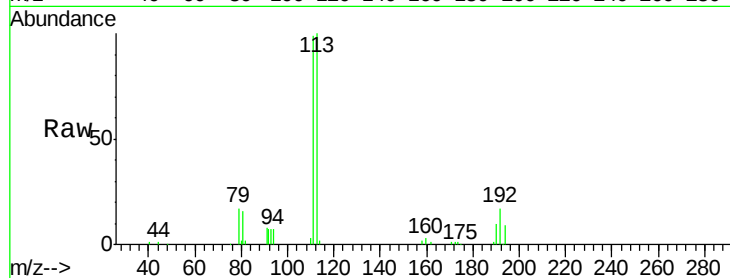
Tot Ion:113 Resp: 32581

Ion Ratio Lower Upper

113 100

111 102.1 80.2 120.4

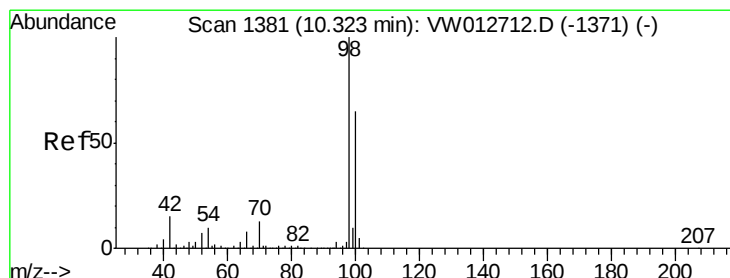
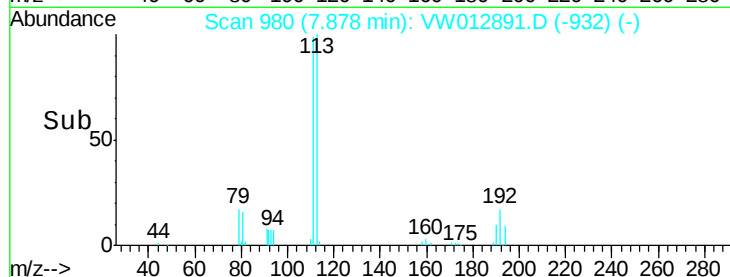
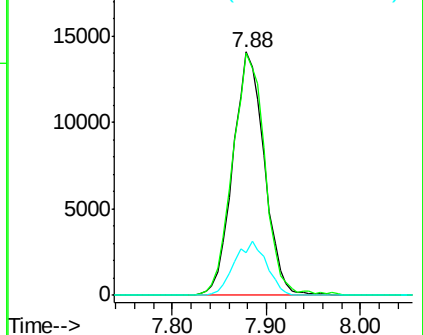
192 22.7 17.3 25.9



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



#50

Toluene-d8

Concen: 50.756 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012891.D

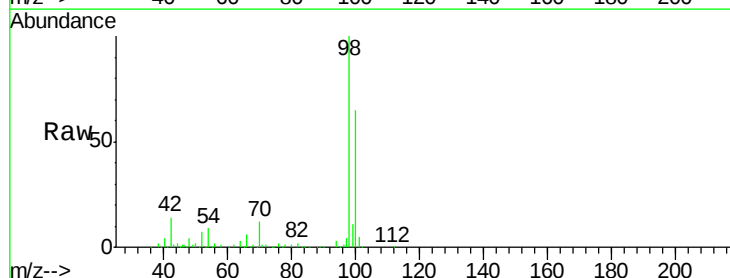
Acq: 11 Sep 2019 01:54

Tgt Ion: 98 Resp: 123556

Ion Ratio Lower Upper

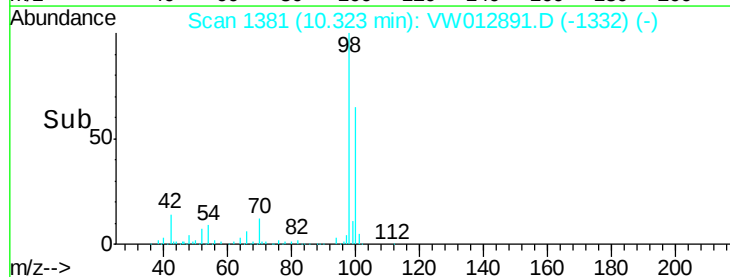
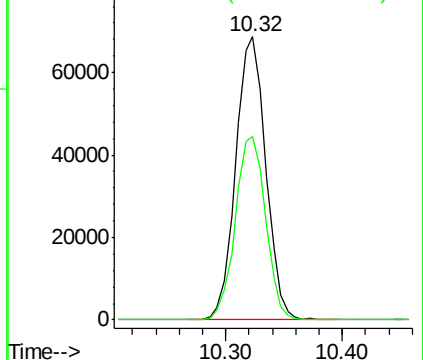
98 100

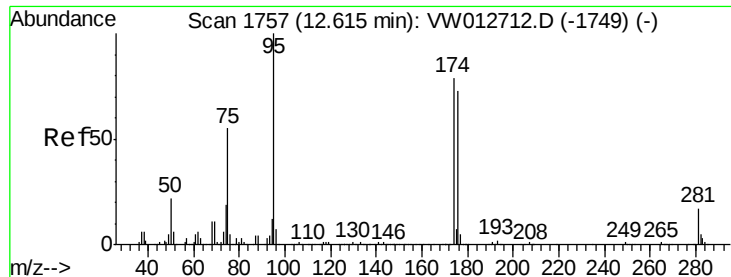
100 65.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

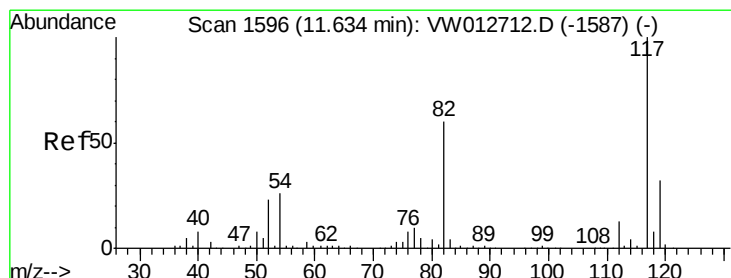
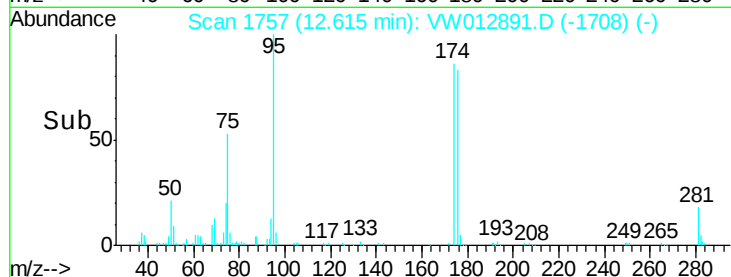
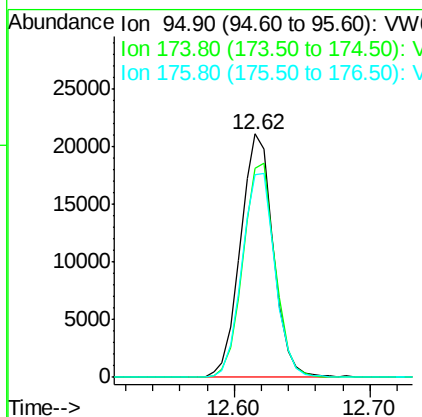
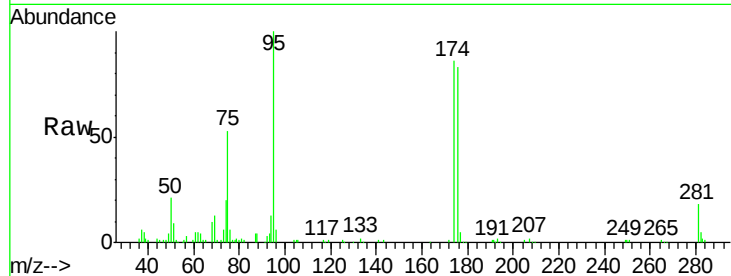




#62
4-Bromofluorobenzene
Concen: 40.190 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012891.D
Acq: 11 Sep 2019 01:54

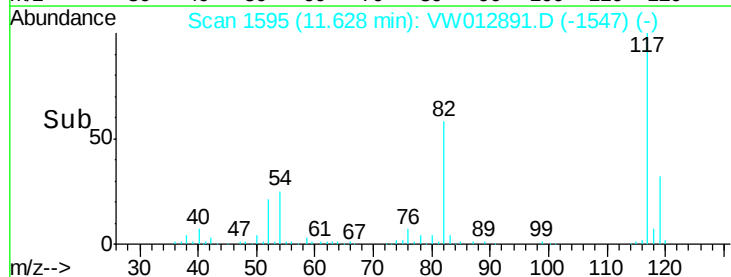
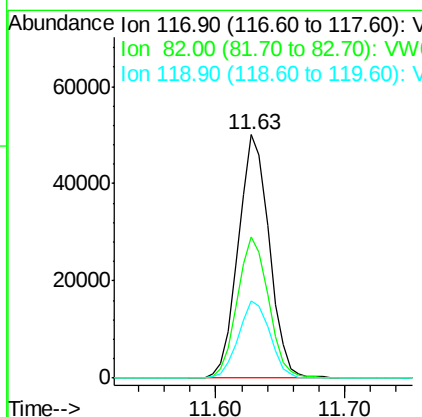
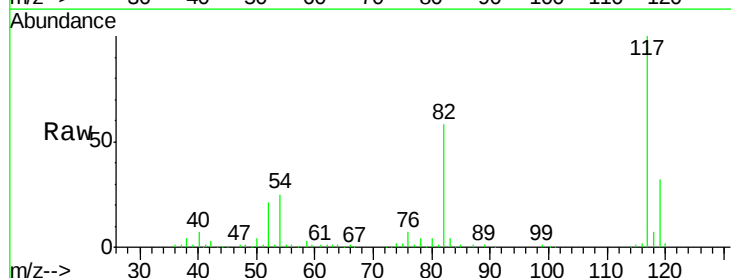
Instrument :
MSVOA_W
ClientSampleId :
WS-SB04-3.0-3.5

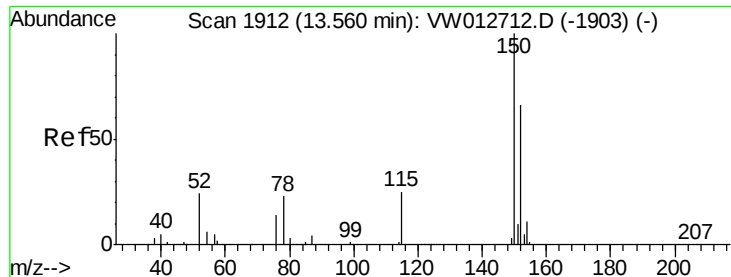
Tot Ion: 95 Resp: 35517
Ion Ratio Lower Upper
95 100
174 86.2 0.0 161.0
176 84.4 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012891.D
Acq: 11 Sep 2019 01:54

Tgt Ion: 117 Resp: 83395
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012891.D

Acq: 11 Sep 2019 01:54

Instrument :

MSVOA_W

ClientSampleId :

WS-SB04-3.0-3.5

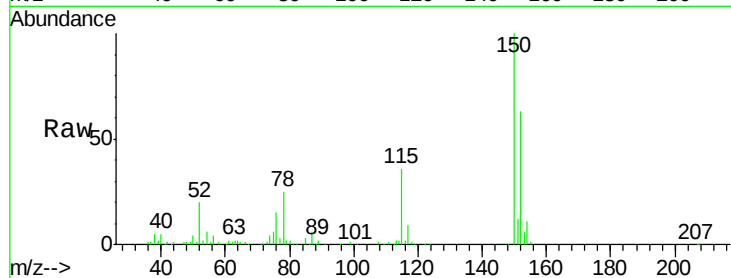
Tot Ion:152 Resp: 31464

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.1

150 156.6 0.0 349.0



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

