

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012894.D
 Acq On : 11 Sep 2019 03:12
 Operator : SY/VA
 Sample : K4696-07
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WS-SB09-7.5-8.0

Quant Time: Sep 11 08:55:51 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	7.95	168	196126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	293414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	94263	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	103628	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.88	113	84401	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.32	98	347397	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	104076	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	

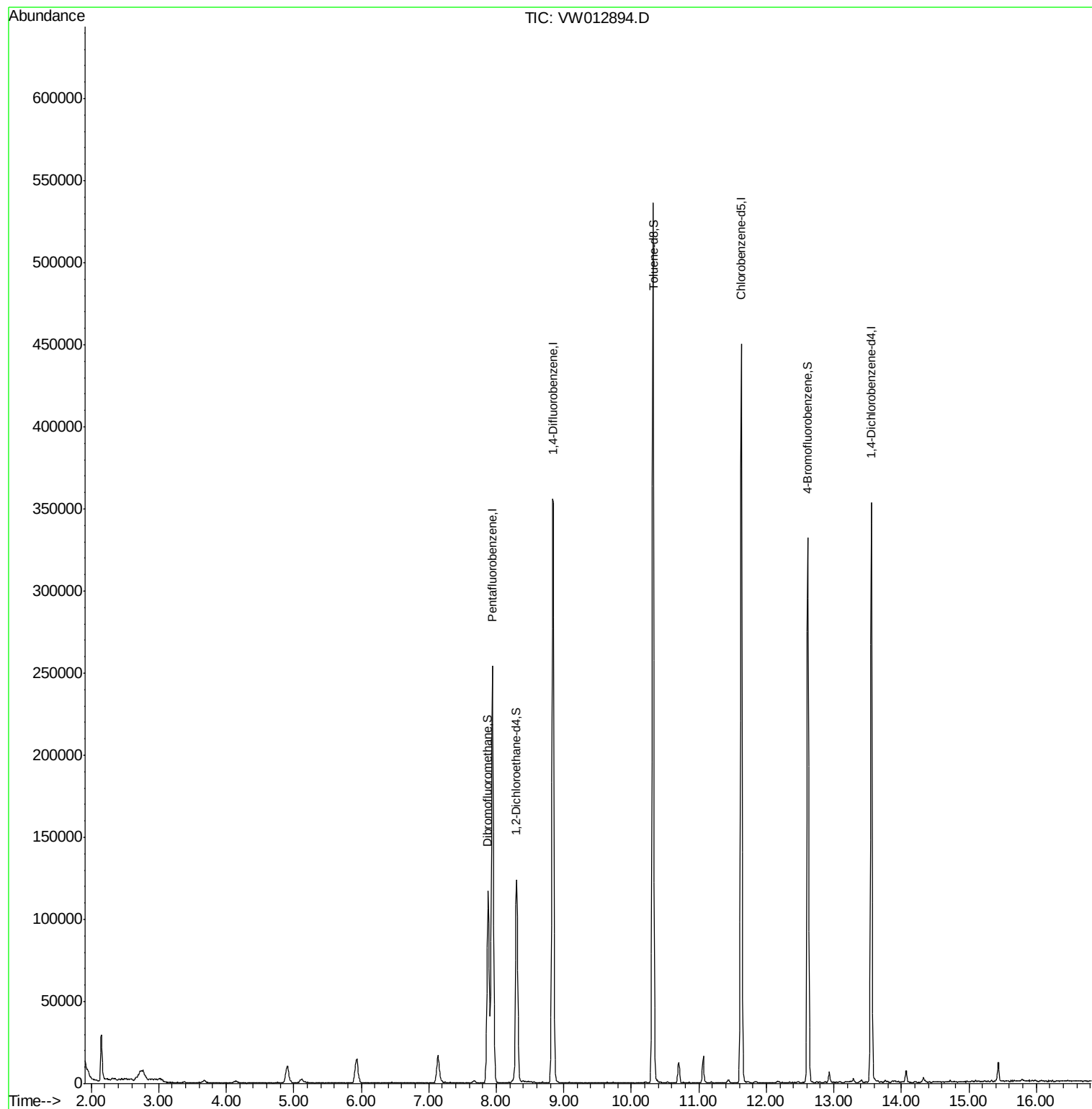
Target Compounds	Qvalue
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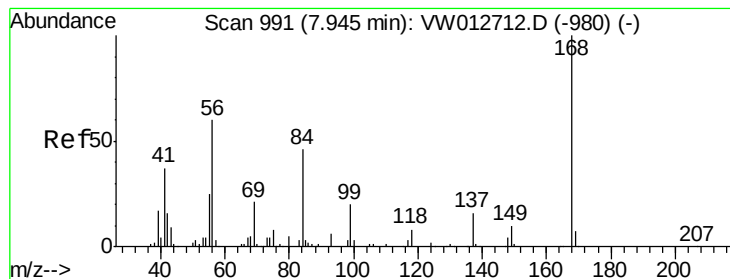
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012894.D

Acq: 11 Sep 2019 03:12

Instrument :

MSVOA_W

ClientSampleId :

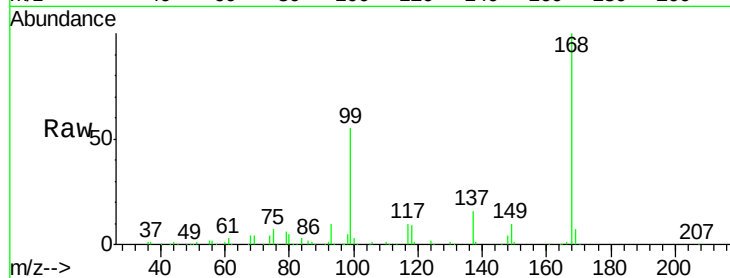
WS-SB09-7.5-8.0

Tot Ion:168 Resp: 196126

Ion Ratio Lower Upper

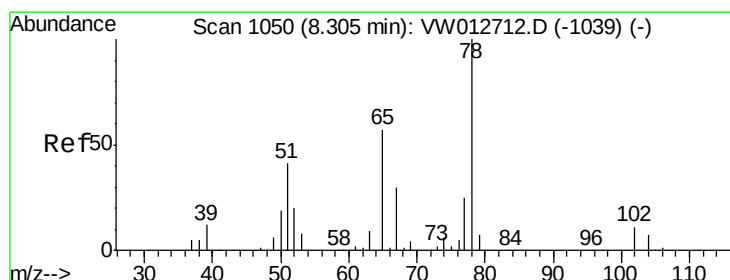
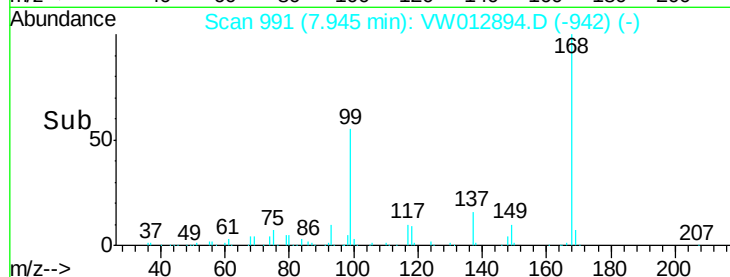
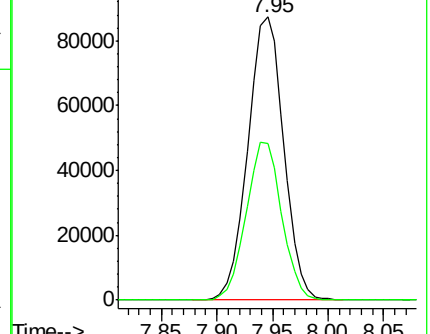
168 100

99 55.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 47.289 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012894.D

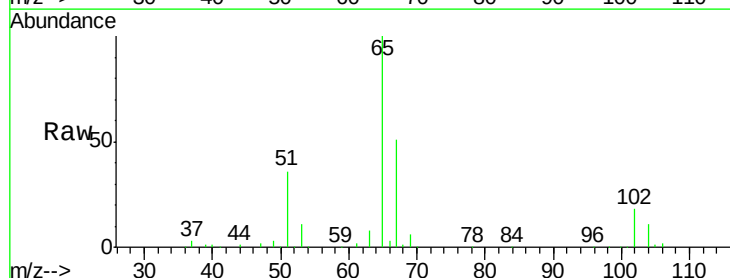
Acq: 11 Sep 2019 03:12

Tgt Ion: 65 Resp: 103628

Ion Ratio Lower Upper

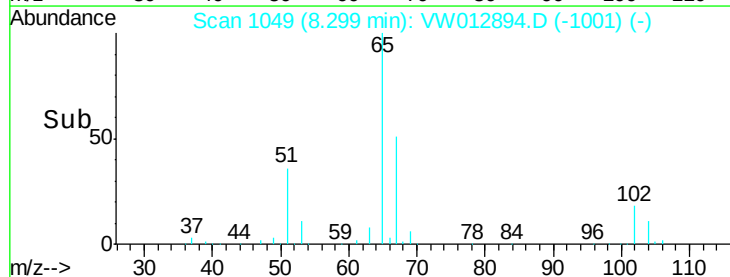
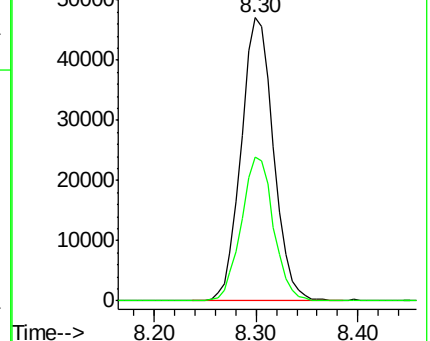
65 100

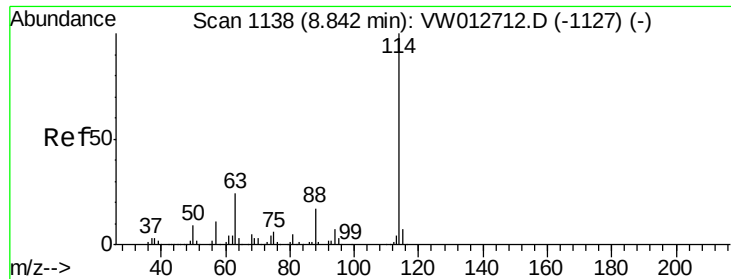
67 50.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012894.D

Acq: 11 Sep 2019 03:12

Instrument :

MSVOA_W

ClientSampleId :

WS-SB09-7.5-8.0

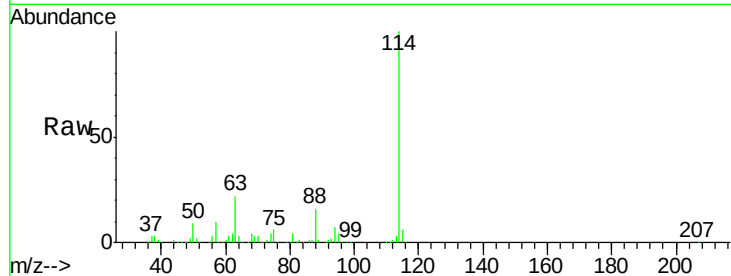
Tot Ion:114 Resp: 293414

Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

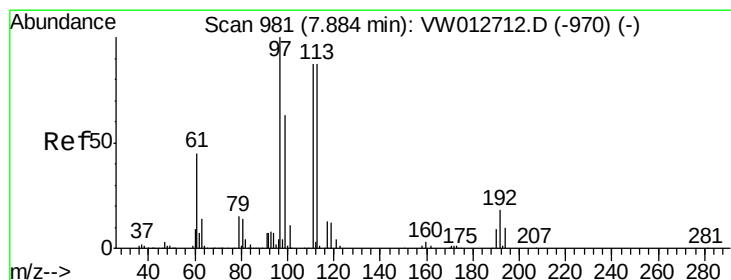
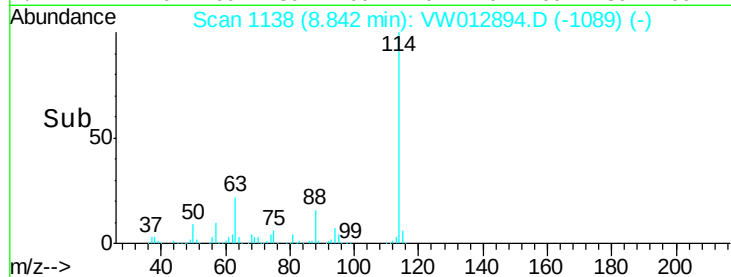
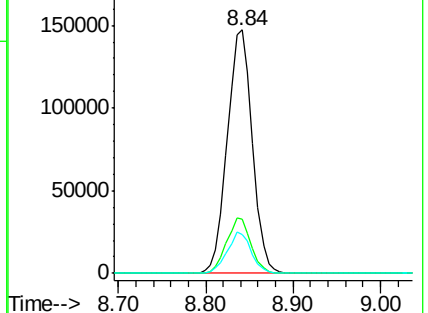
88 15.7 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 48.383 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012894.D

Acq: 11 Sep 2019 03:12

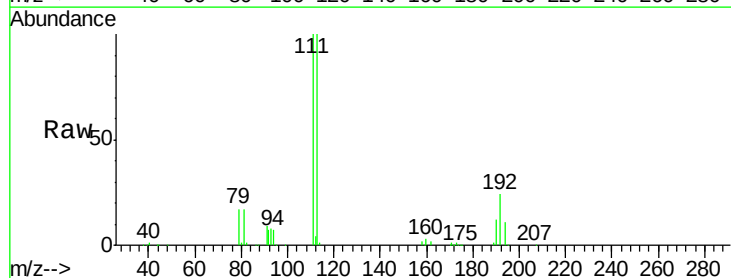
Tgt Ion:113 Resp: 84401

Ion Ratio Lower Upper

113 100

111 104.4 80.2 120.4

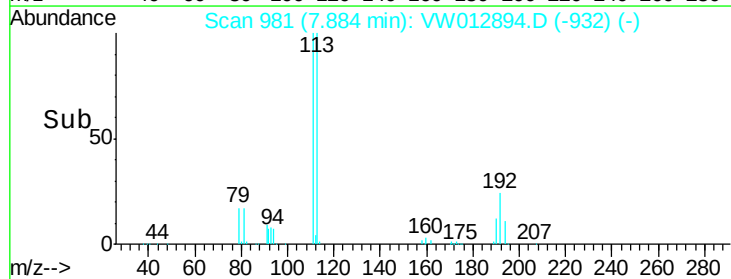
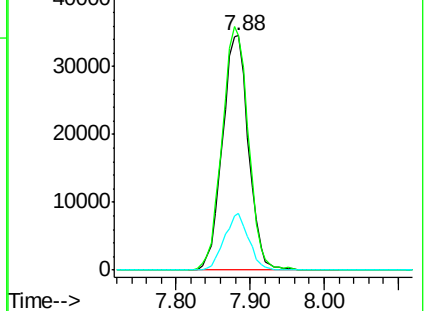
192 22.7 17.3 25.9

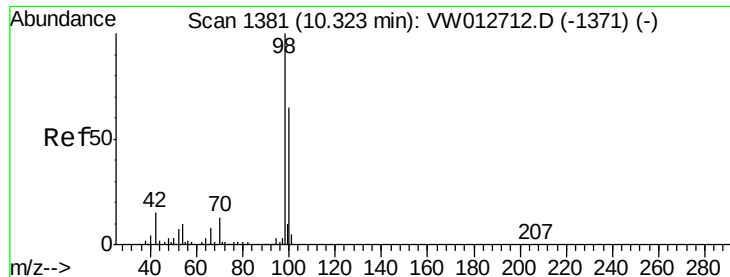


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.832 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012894.D

Acq: 11 Sep 2019 03:12

Instrument :

MSVOA_W

ClientSampleId :

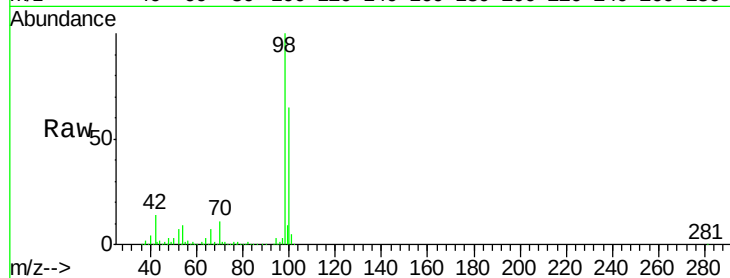
WS-SB09-7.5-8.0

Tot Ion: 98 Resp: 347397

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

200000

150000

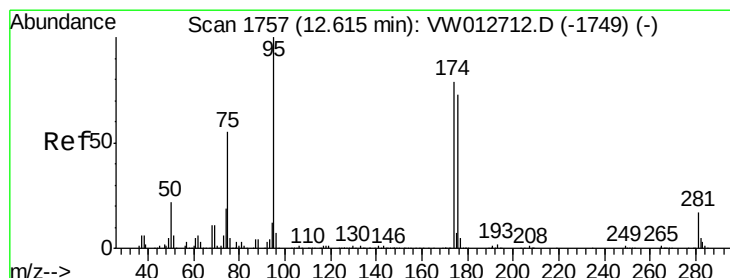
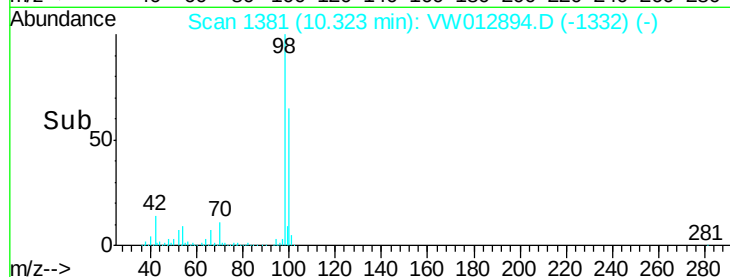
100000

50000

0

Time-->

10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 41.948 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012894.D

Acq: 11 Sep 2019 03:12

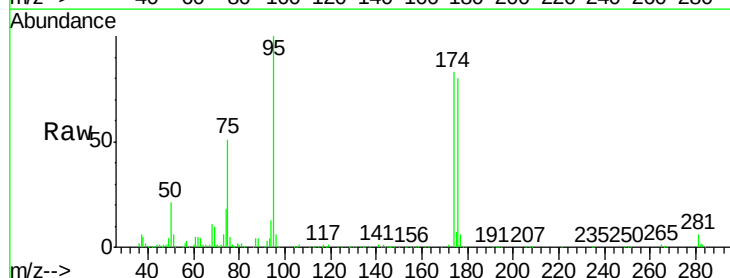
Tgt Ion: 95 Resp: 104076

Ion Ratio Lower Upper

95 100

174 84.2 0.0 161.0

176 81.7 0.0 156.4



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

12.62

80000

60000

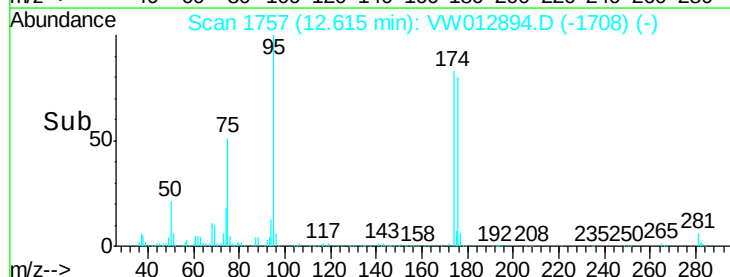
40000

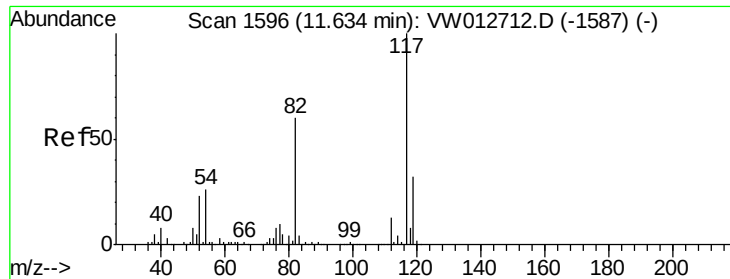
20000

0

Time-->

12.50 12.60 12.70

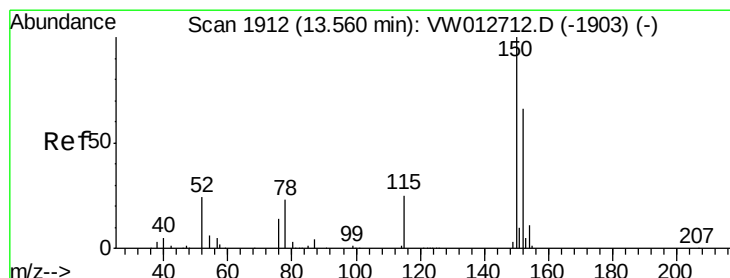
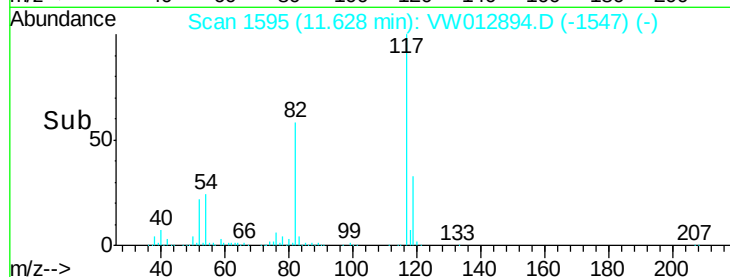
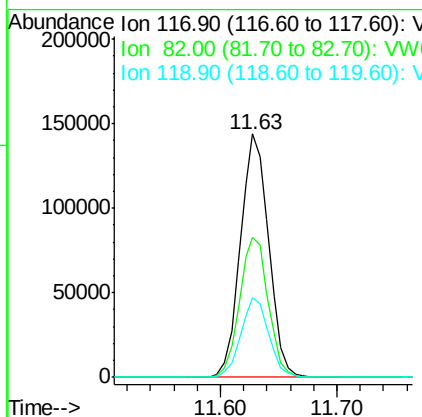
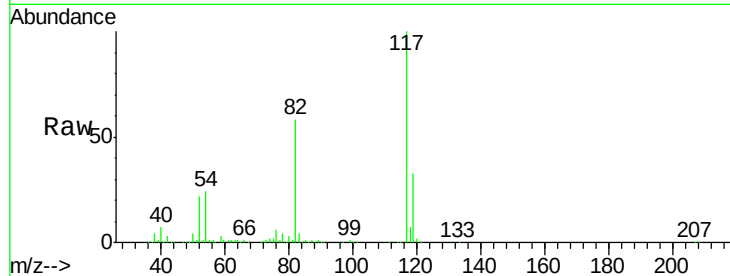




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012894.D
Acq: 11 Sep 2019 03:12

Instrument :
MSVOA_W
ClientSampleId :
WS-SB09-7.5-8.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.2	72.4
119	32.8	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012894.D
Acq: 11 Sep 2019 03:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	30.0	90.1
150	155.2	0.0	349.0

