

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012114.D
 Acq On : 22 Aug 2019 16:43
 Operator : SY/VA
 Sample : K4461-09
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05-8.5-9.0

Quant Time: Aug 23 08:32:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	57744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	94725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	83890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40247	60.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.40%	
35) Dibromofluoromethane	7.88	113	31225	58.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.52%	
50) Toluene-d8	10.32	98	116573	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.62	95	36624	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

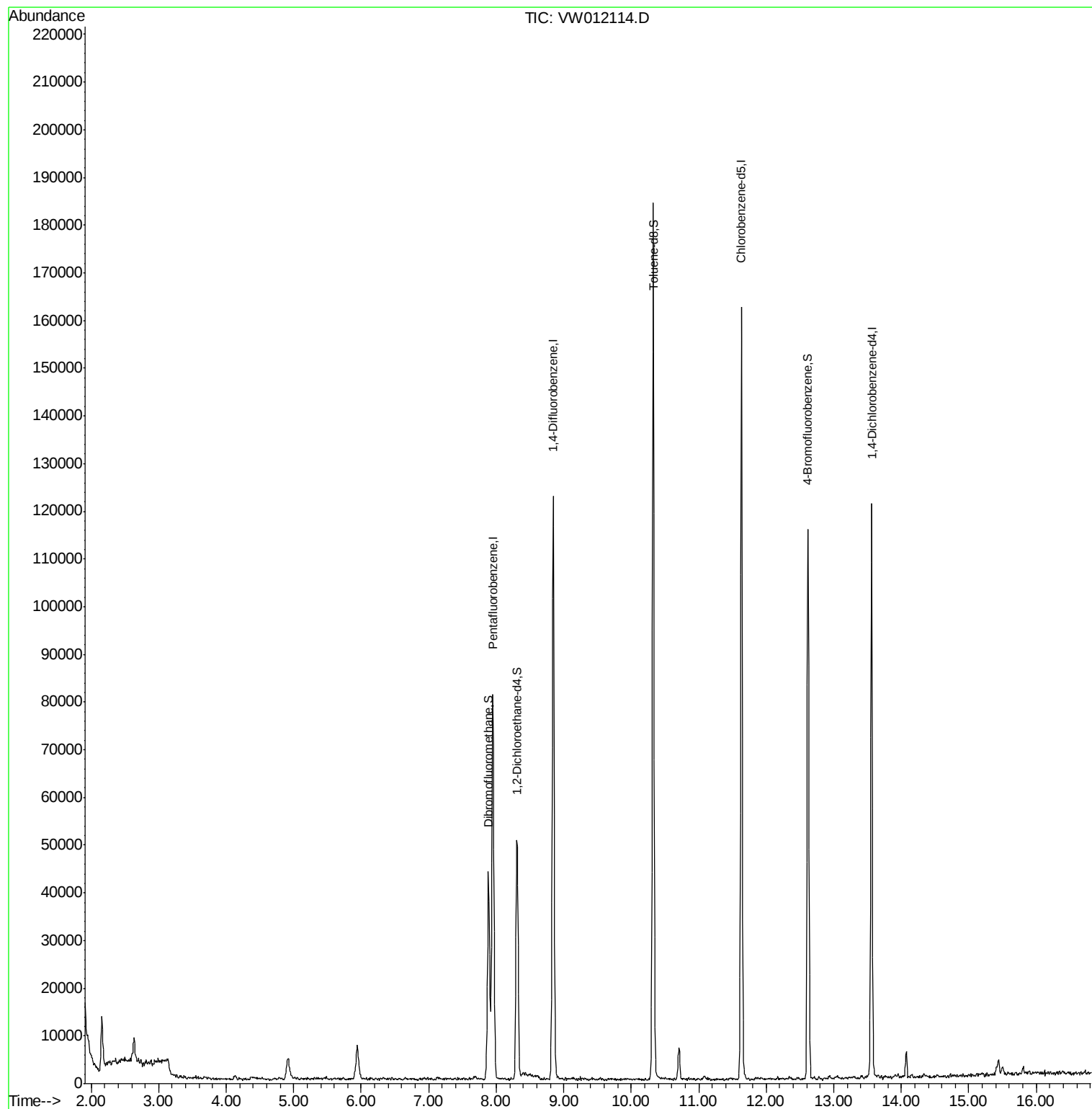
Target Compounds	Qvalue

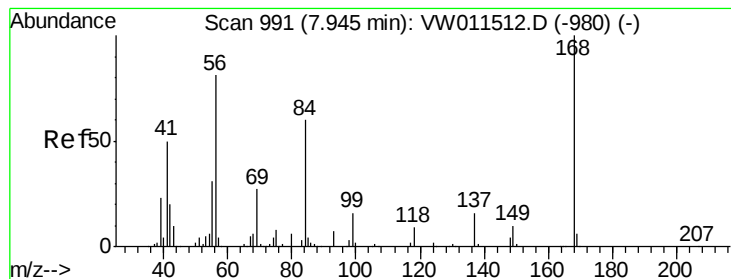
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012114.D

Acq: 22 Aug 2019 16:43

Instrument :

MSVOA_W

ClientSampleId :

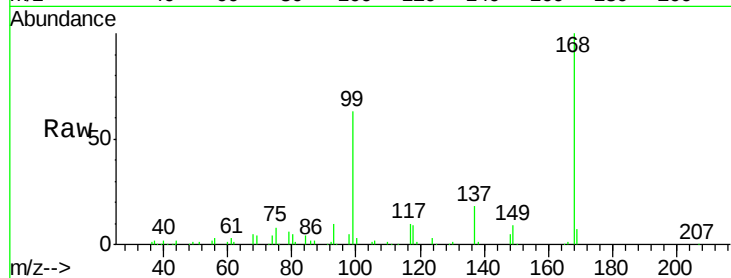
SB-05-8.5-9.0

Tot Ion:168 Resp: 57744

Ion Ratio Lower Upper

168 100

99 62.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

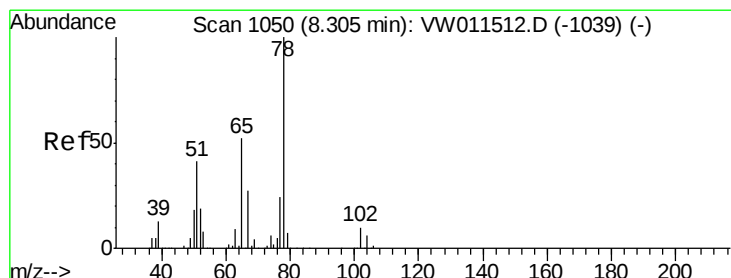
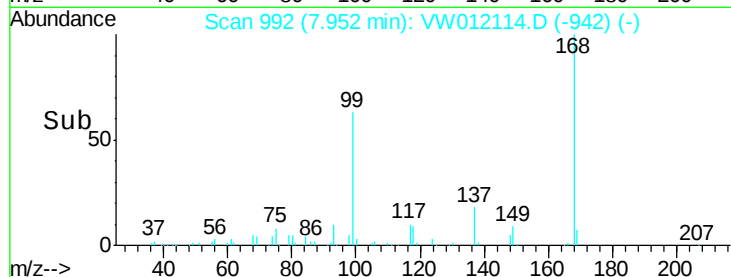
10000

5000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.699 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW012114.D

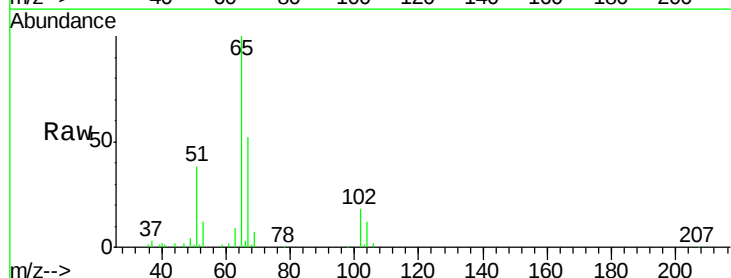
Acq: 22 Aug 2019 16:43

Tgt Ion: 65 Resp: 40247

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

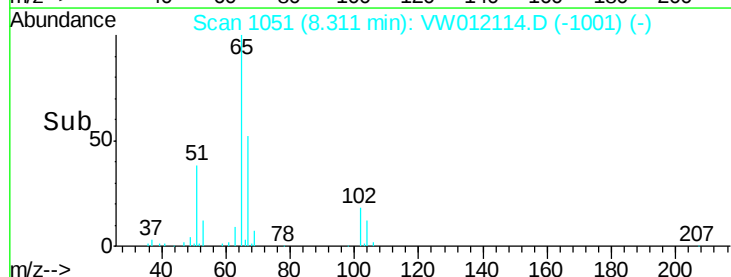
10000

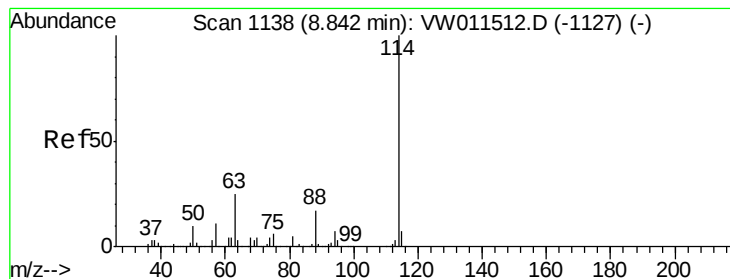
5000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012114.D

Acq: 22 Aug 2019 16:43

Instrument :

MSVOA_W

ClientSampleId :

SB-05-8.5-9.0

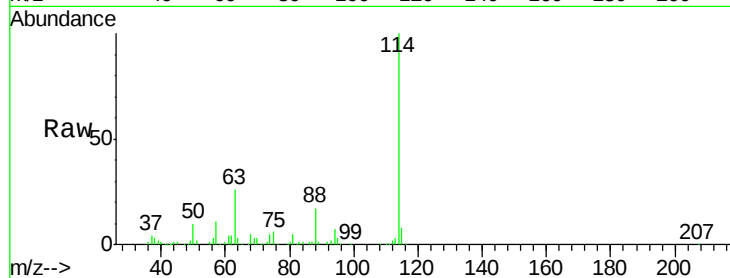
Tot Ion:114 Resp: 94725

Ion Ratio Lower Upper

114 100

63 26.1 0.0 49.2

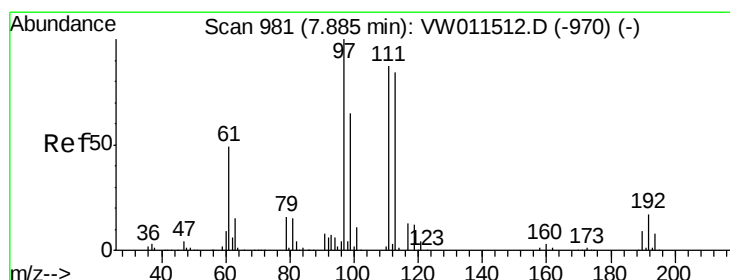
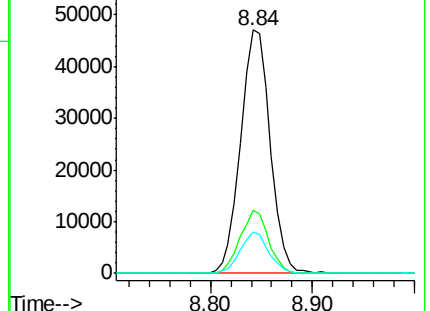
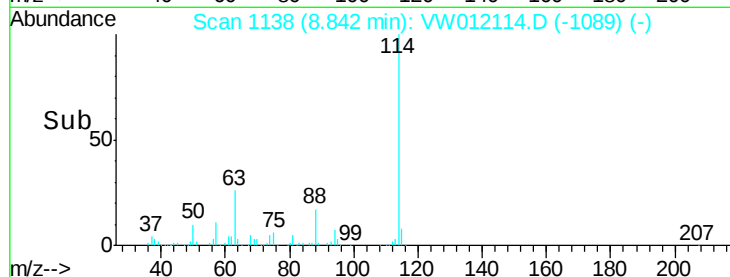
88 17.1 0.0 33.8



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: 58.757 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012114.D

Acq: 22 Aug 2019 16:43

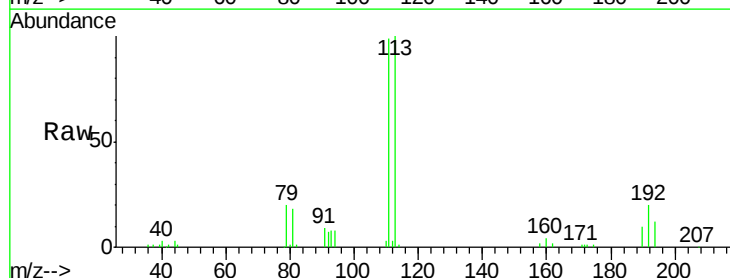
Tgt Ion:113 Resp: 31225

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

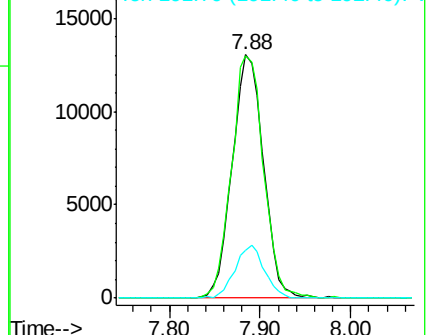
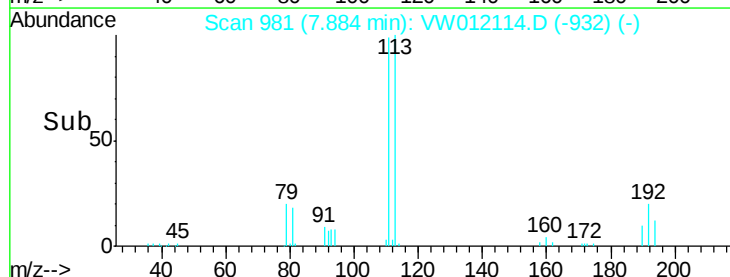
192 20.5 16.1 24.1

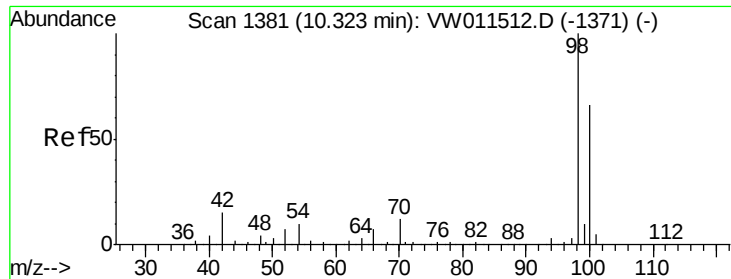


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.577 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012114.D

Acq: 22 Aug 2019 16:43

Instrument :

MSVOA_W

ClientSampleId :

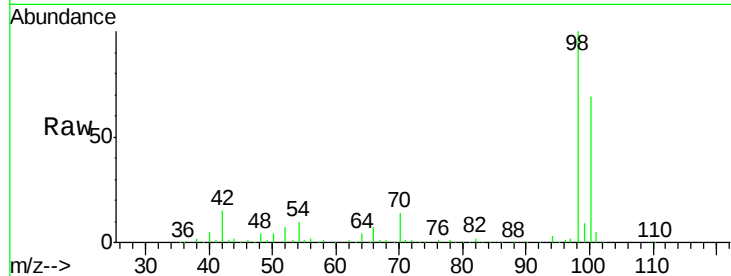
SB-05-8.5-9.0

Tot Ion: 98 Resp: 116573

Ion Ratio Lower Upper

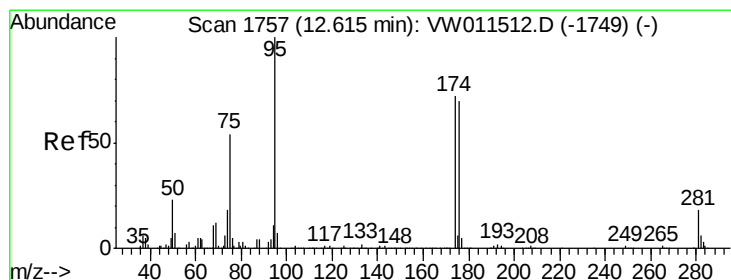
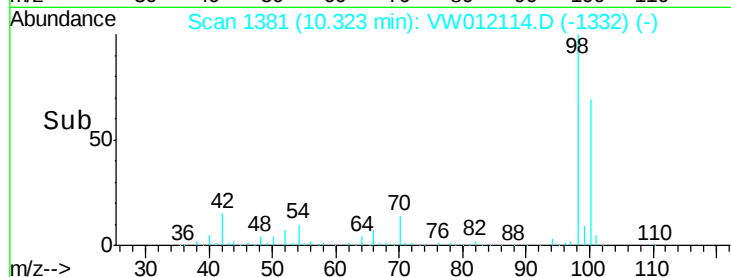
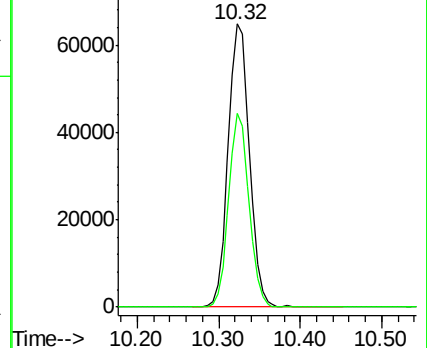
98 100

100 65.8 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: 47.213 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012114.D

Acq: 22 Aug 2019 16:43

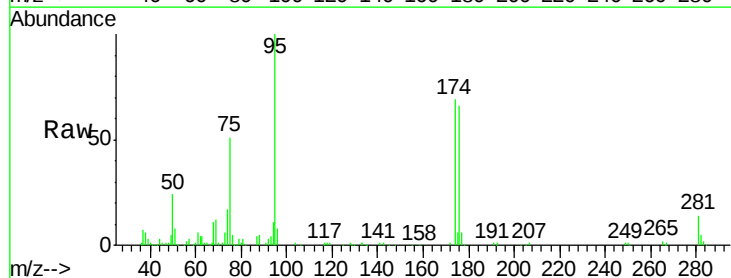
Tgt Ion: 95 Resp: 36624

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

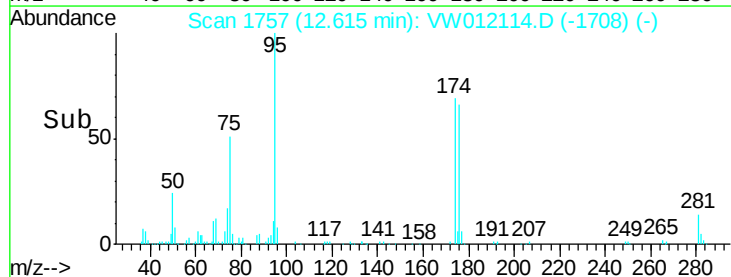
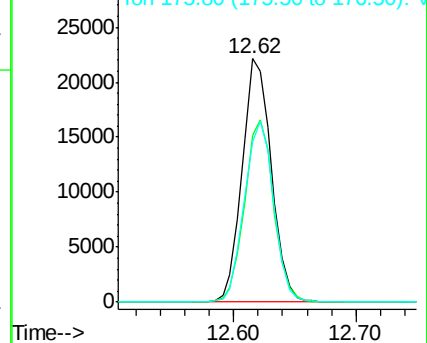
176 74.7 0.0 144.4

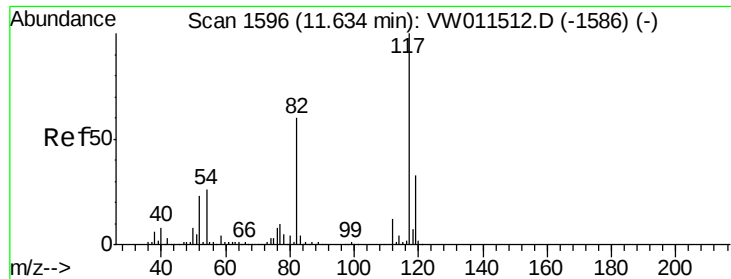


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

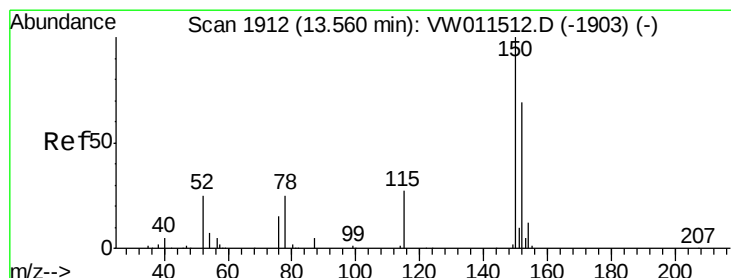
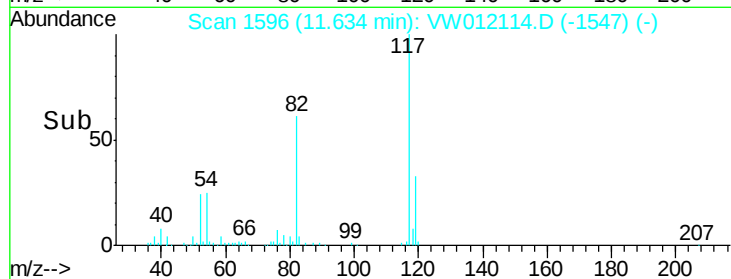
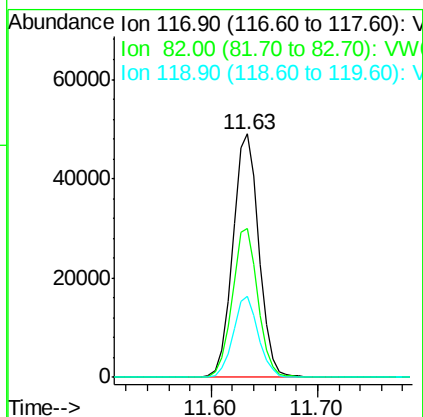
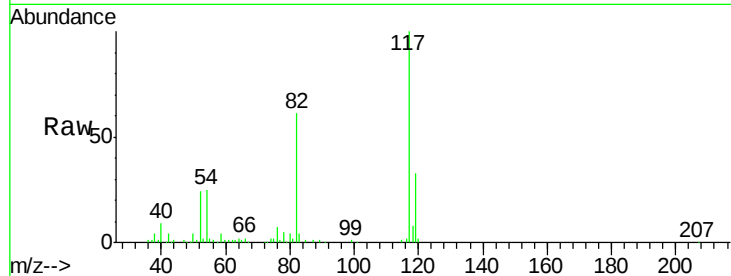




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012114.D
Acq: 22 Aug 2019 16:43

Instrument :
MSVOA_W
ClientSampleId :
SB-05-8.5-9.0

Tot Ion:117 Resp: 83890
Ion Ratio Lower Upper
117 100
82 61.4 47.9 71.9
119 33.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012114.D
Acq: 22 Aug 2019 16:43

Tgt Ion:152 Resp: 29037
Ion Ratio Lower Upper
152 100
115 60.6 30.5 91.5
150 161.7 0.0 352.6

