

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013105.D
 Acq On : 18 Sep 2019 11:31
 Operator : SY/VA
 Sample : VW0918SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBL01

Quant Time: Sep 19 08:21:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	290433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127335	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.88	113	118428	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	10.32	98	484672	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
62) 4-Bromofluorobenzene	12.62	95	155999	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

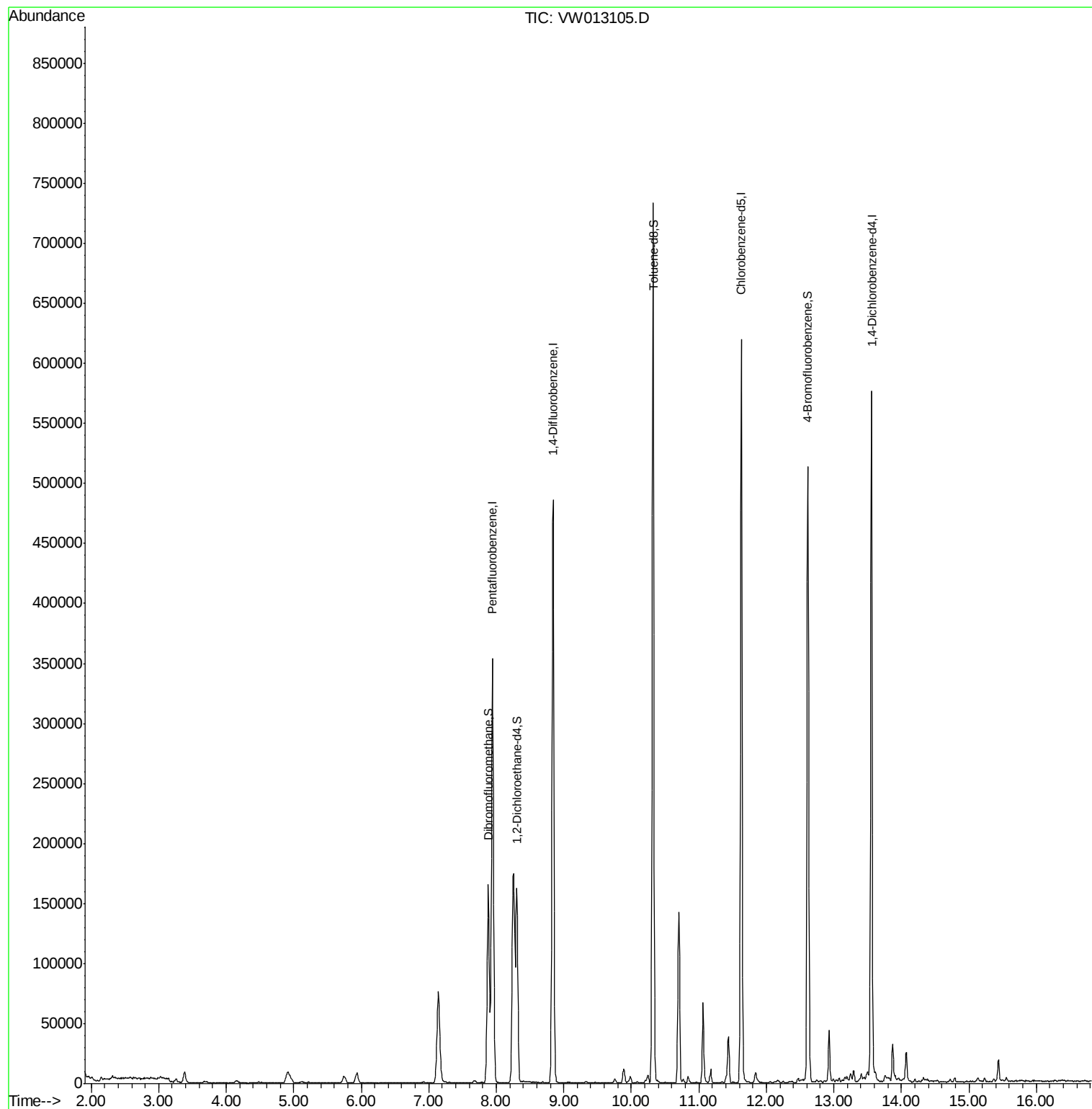
Target Compounds	Qvalue

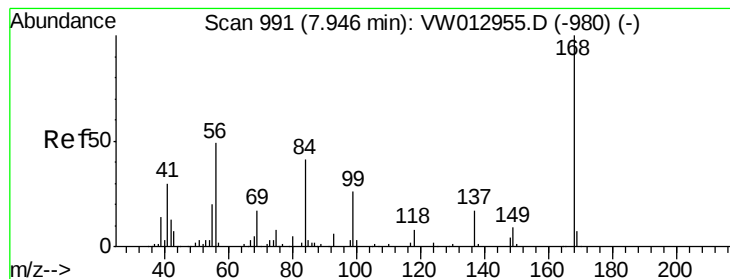
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091819\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 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: VW013105.D

Acq: 18 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

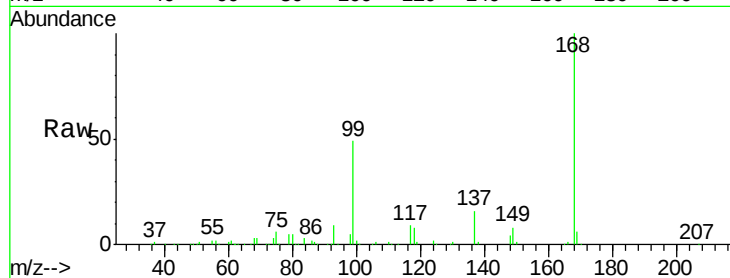
VW0918SBL01

Tot Ion:168 Resp: 290433

Ion Ratio Lower Upper

168 100

99 49.2 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

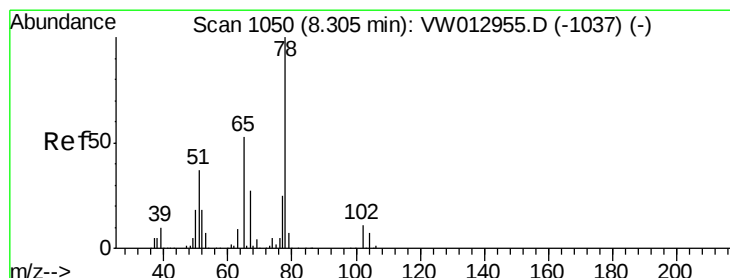
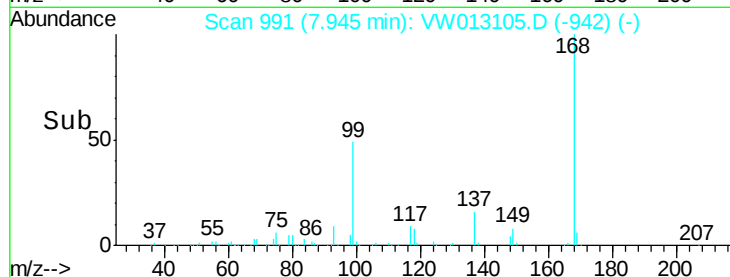
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 47.471 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013105.D

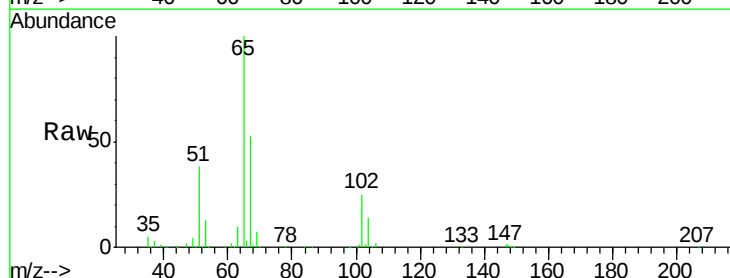
Acq: 18 Sep 2019 11:31

Tgt Ion: 65 Resp: 127335

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

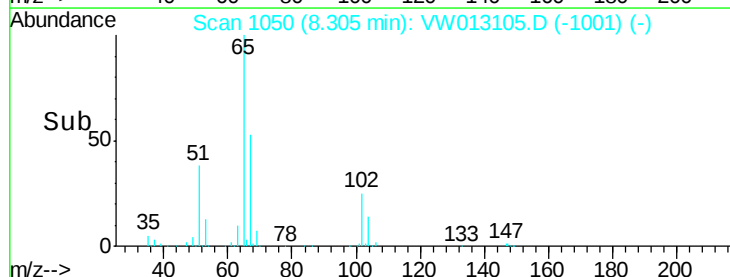
30000

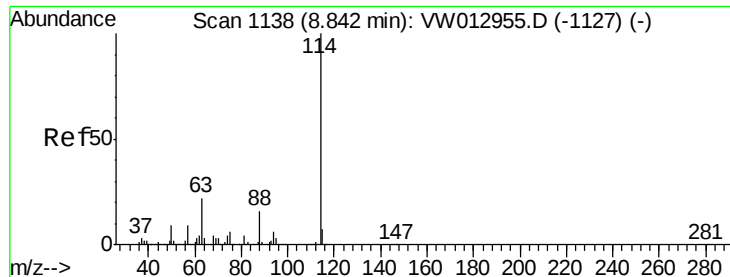
20000

10000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013105.D

Acq: 18 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBL01

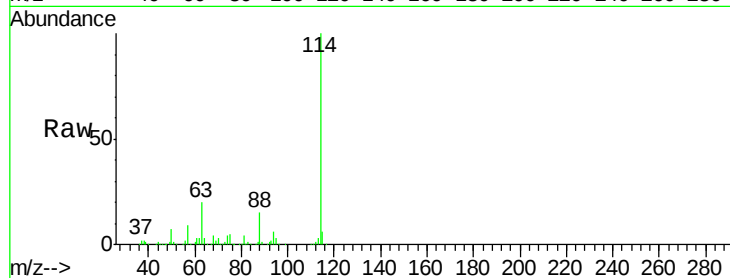
Tot Ion:114 Resp: 422019

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.4

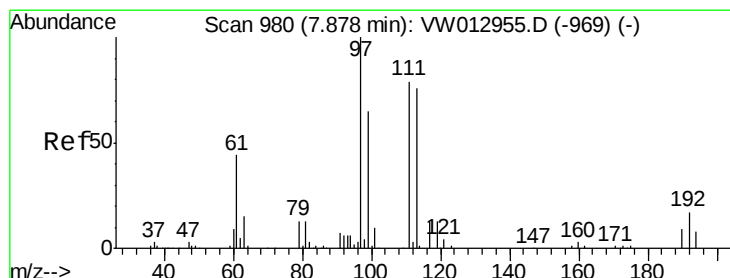
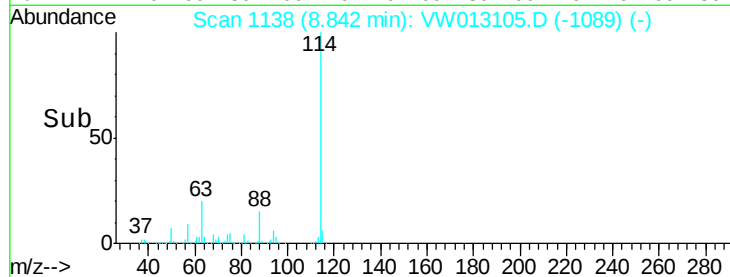
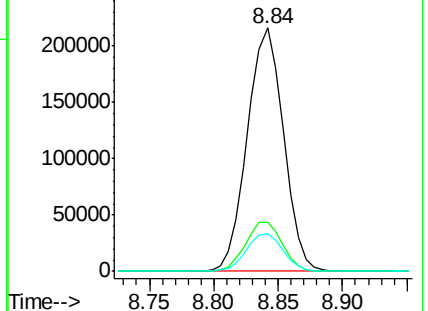
88 15.5 0.0 31.6



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: 51.717 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013105.D

Acq: 18 Sep 2019 11:31

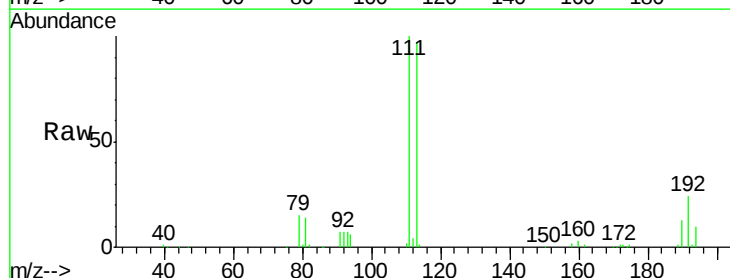
Tgt Ion:113 Resp: 118428

Ion Ratio Lower Upper

113 100

111 105.1 82.8 124.2

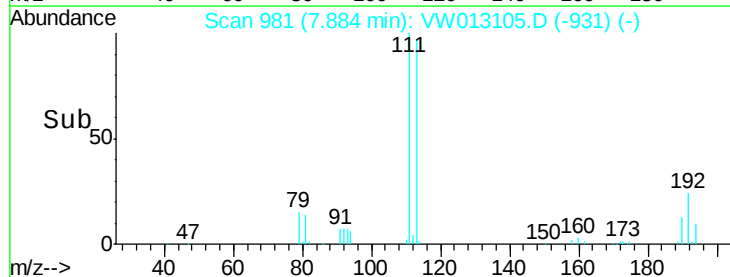
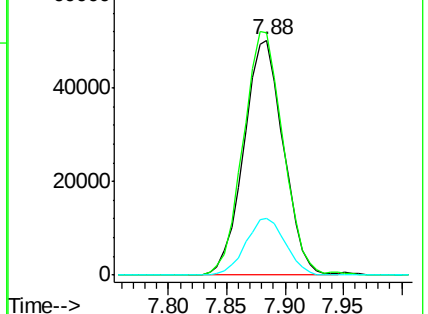
192 24.5 17.8 26.8

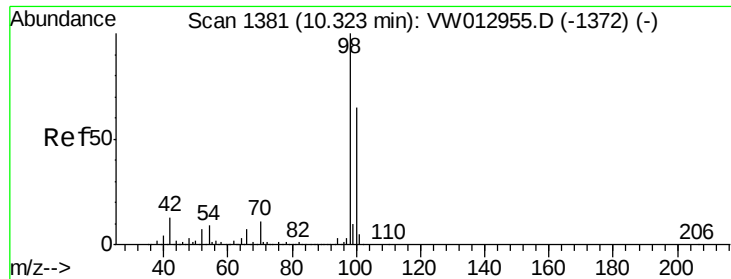


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.088 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013105.D

Acq: 18 Sep 2019 11:31

Instrument :

MSVOA_W

ClientSampleId :

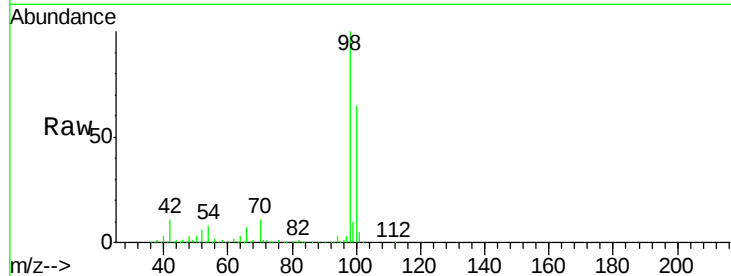
VW0918SBL01

Tot Ion: 98 Resp: 484672

Ion Ratio Lower Upper

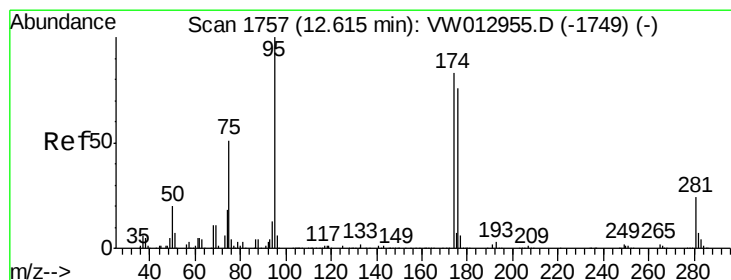
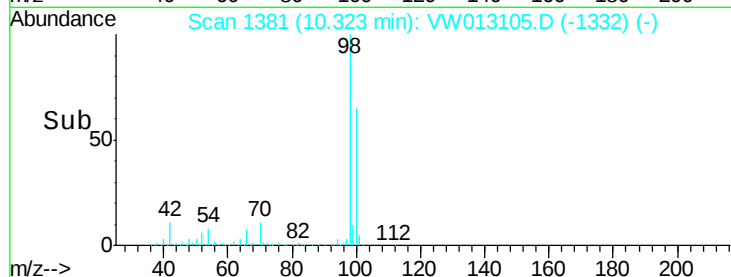
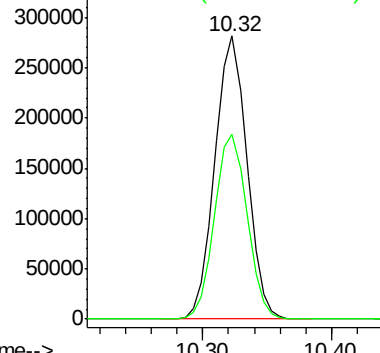
98 100

100 66.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.416 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013105.D

Acq: 18 Sep 2019 11:31

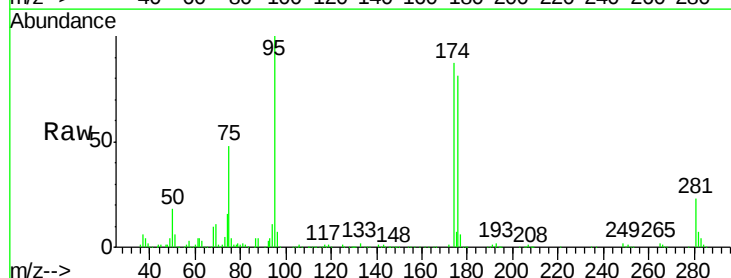
Tgt Ion: 95 Resp: 155999

Ion Ratio Lower Upper

95 100

174 88.9 0.0 170.4

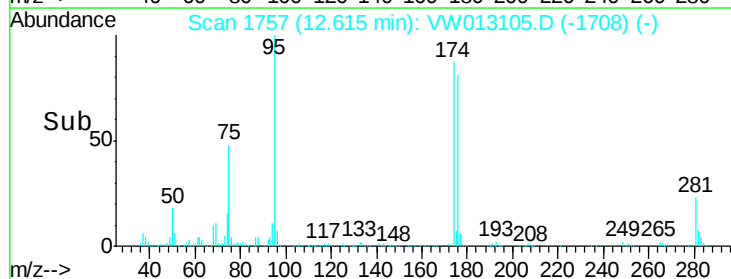
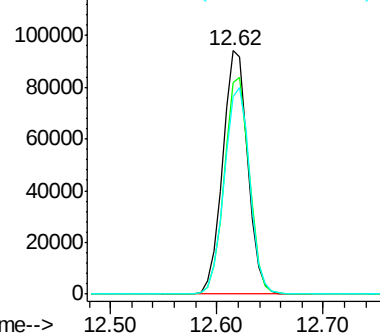
176 86.5 0.0 164.6

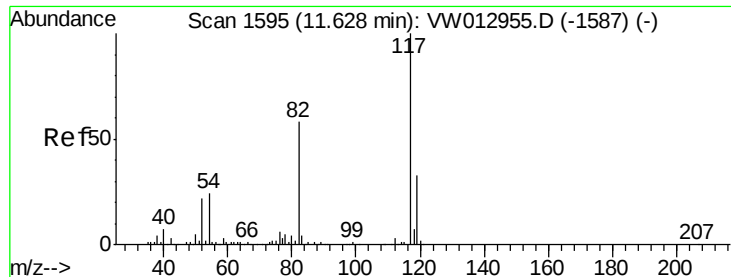


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

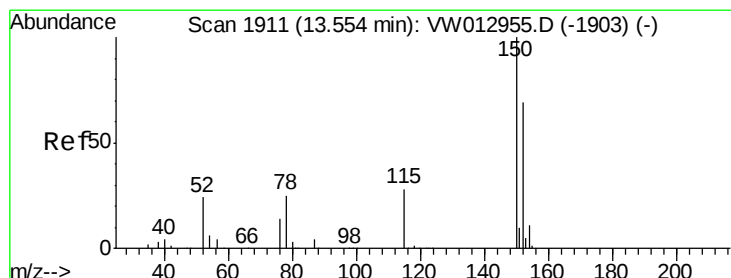
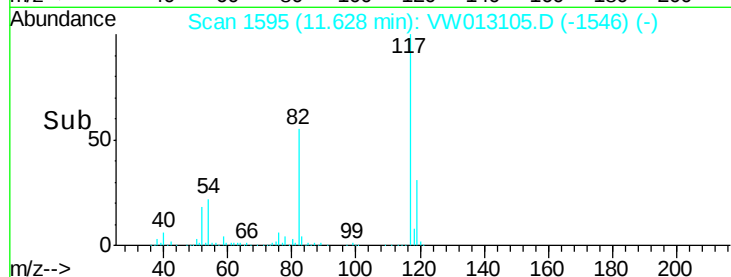
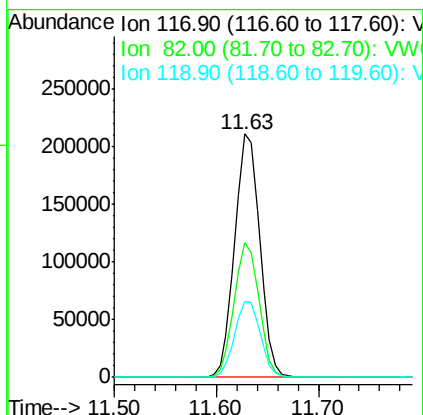
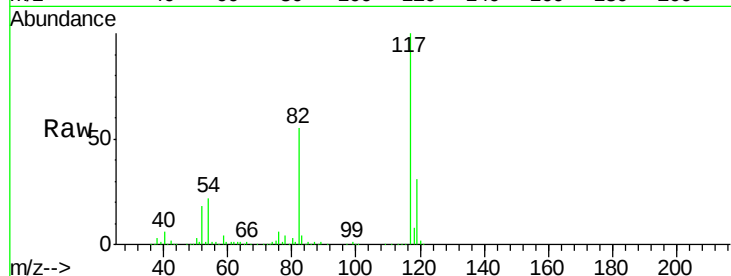




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013105.D
Acq: 18 Sep 2019 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBL01

Tot Ion:117 Resp: 357794
Ion Ratio Lower Upper
117 100
82 55.1 46.3 69.5
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013105.D
Acq: 18 Sep 2019 11:31

Tgt Ion:152 Resp: 164226
Ion Ratio Lower Upper
152 100
115 55.2 28.8 86.4
150 154.8 0.0 340.2

