

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011078.D
 Acq On : 01 Jul 2019 12:14
 Operator : SY/VA
 Sample : K3158-07RE
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-062719RE

Quant Time: Jul 02 08:52:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79591	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	135404	54.32	ug/l	0.00
Spiked Amount						
			Recovery	=	108.64%	
35) Dibromofluoromethane	7.88	113	103170	50.75	ug/l	0.00
Spiked Amount						
			Recovery	=	101.50%	
50) Toluene-d8	10.32	98	392158	46.86	ug/l	0.00
Spiked Amount						
			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	12.62	95	109501	35.78	ug/l	0.00
Spiked Amount						
			Recovery	=	71.56%	

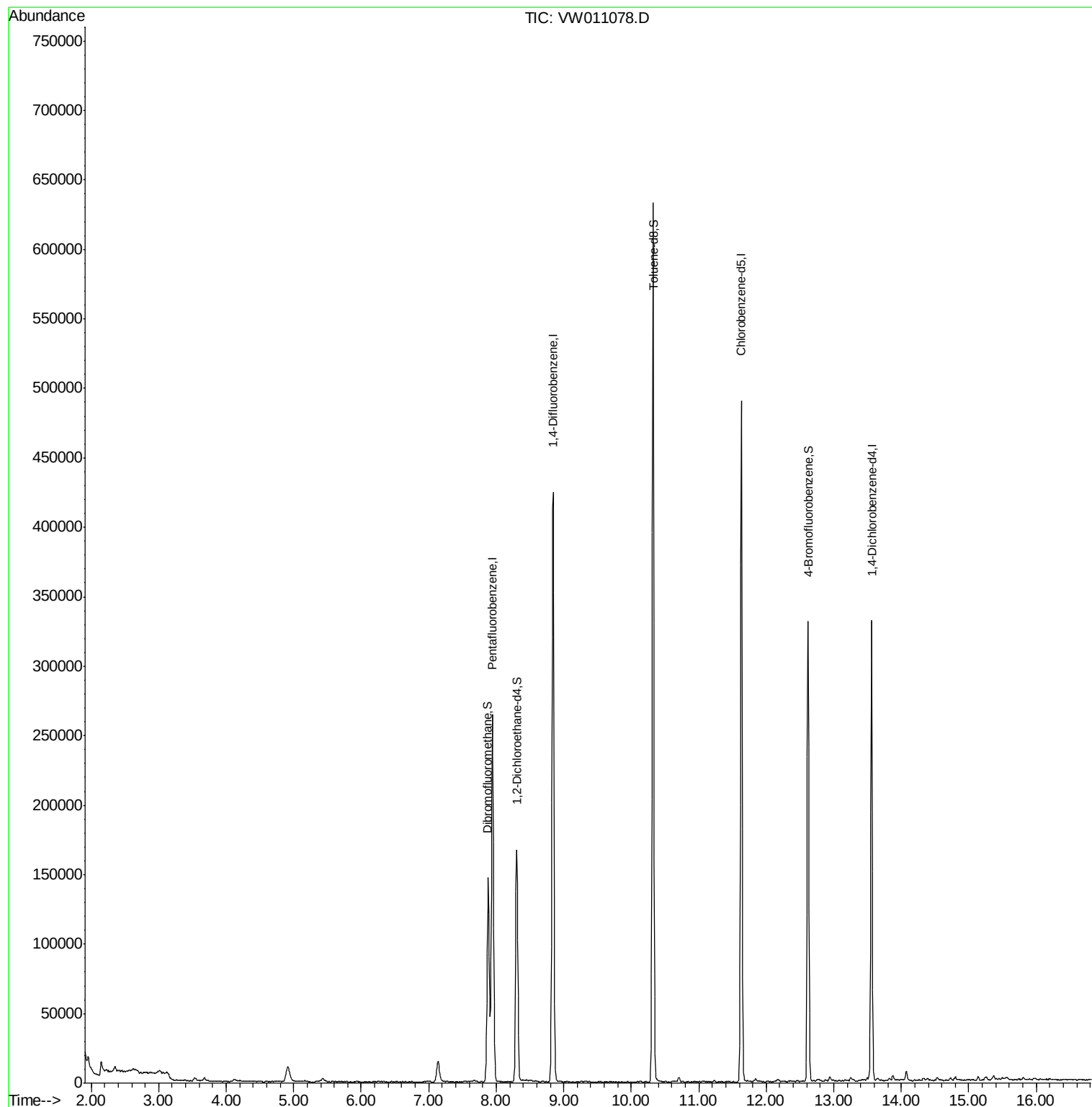
Target Compounds	Qvalue

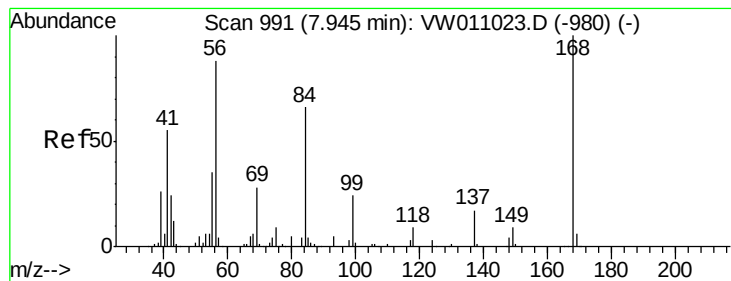
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011078.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

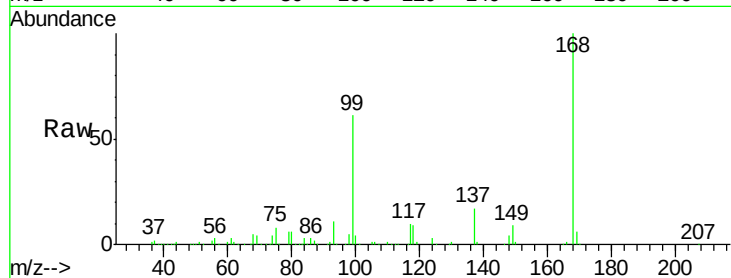
OK-02-062719RE

Tot Ion:168 Resp: 190692

Ion Ratio Lower Upper

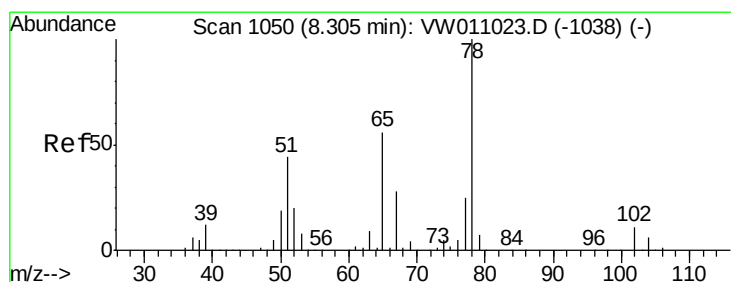
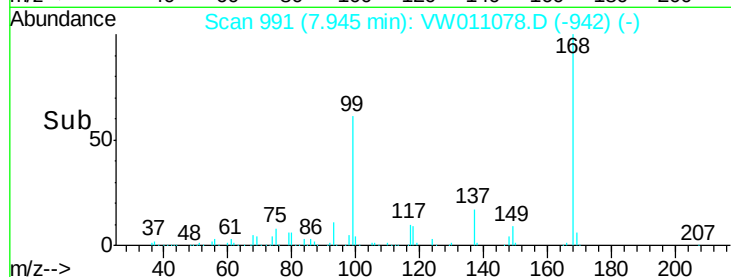
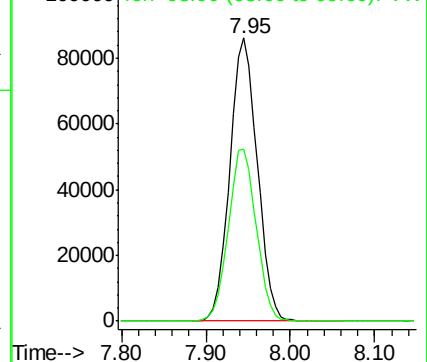
168 100

99 60.8 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: 54.317 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011078.D

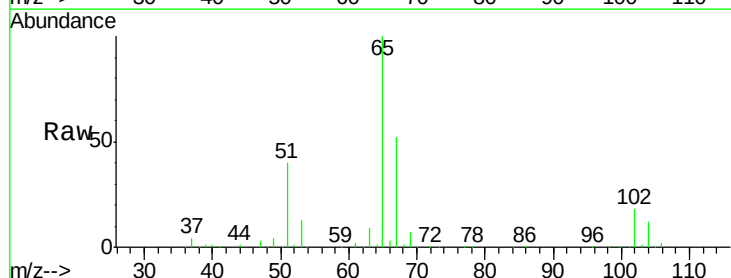
Acq: 01 Jul 2019 12:14

Tgt Ion: 65 Resp: 135404

Ion Ratio Lower Upper

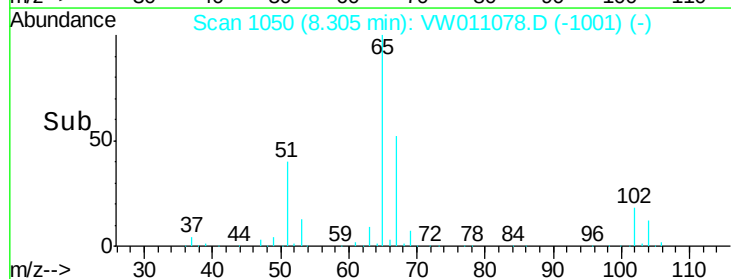
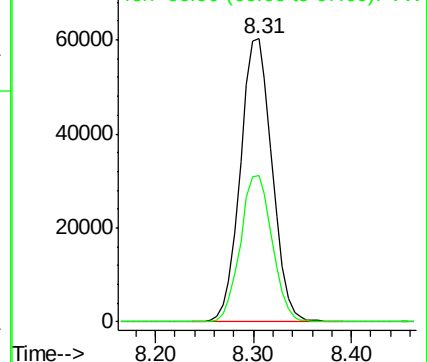
65 100

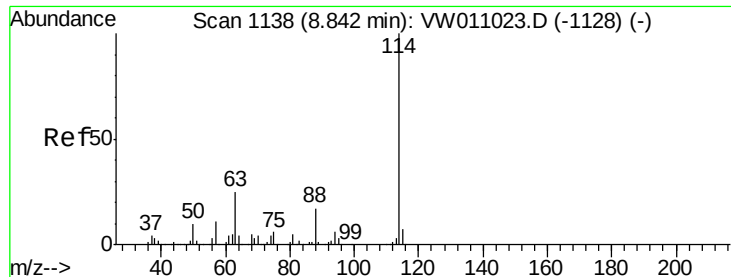
67 52.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

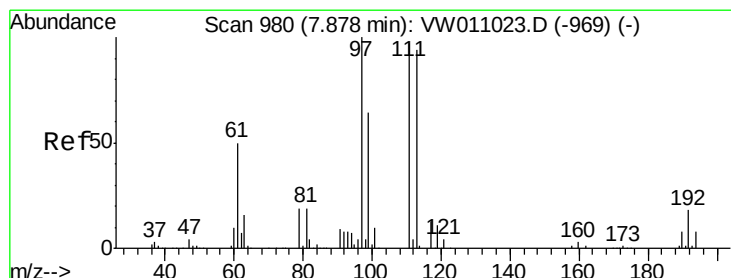
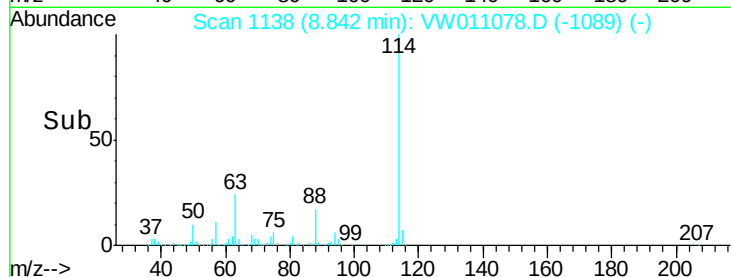
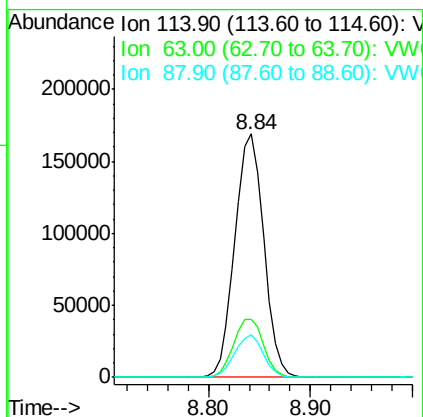
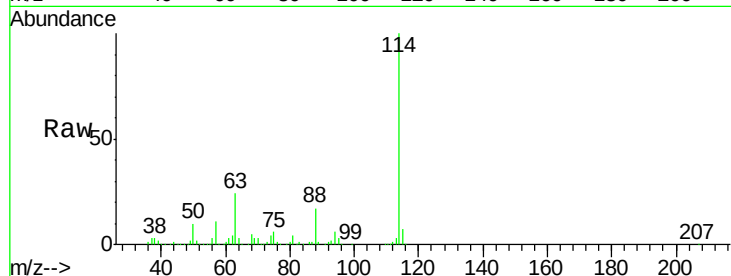




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

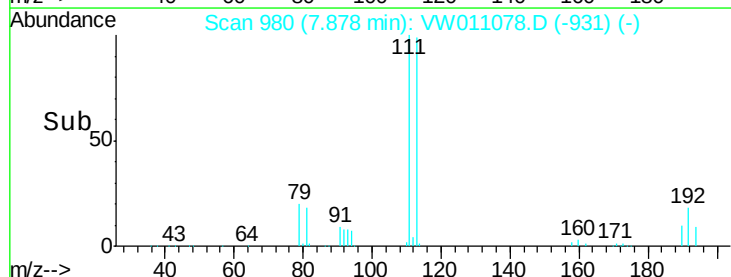
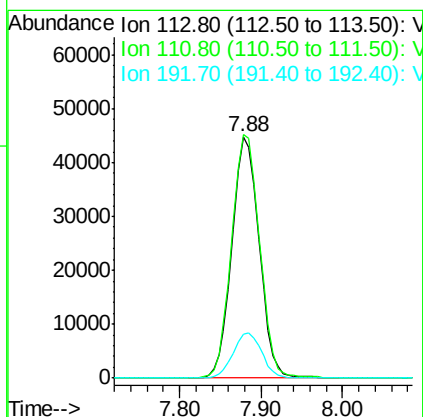
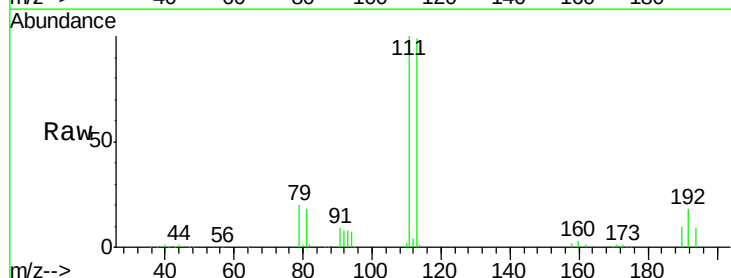
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-062719RE

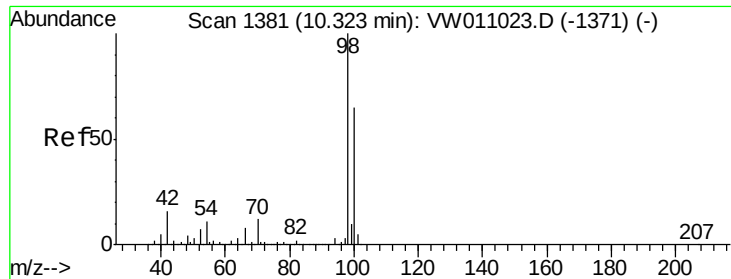
Tot Ion:114 Resp: 332924
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 50.6
 88 17.3 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 50.748 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

Tgt Ion:113 Resp: 103170
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.6
 192 19.6 16.0 24.0





#50

Toluene-d8

Concen: 46.863 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011078.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

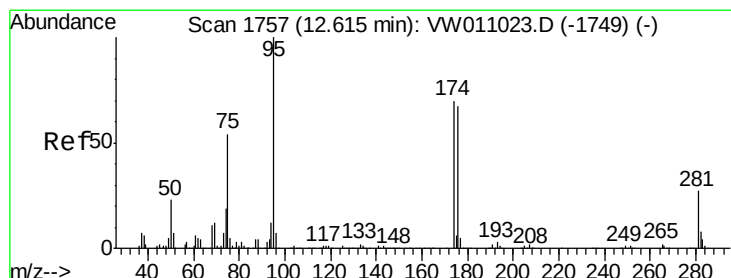
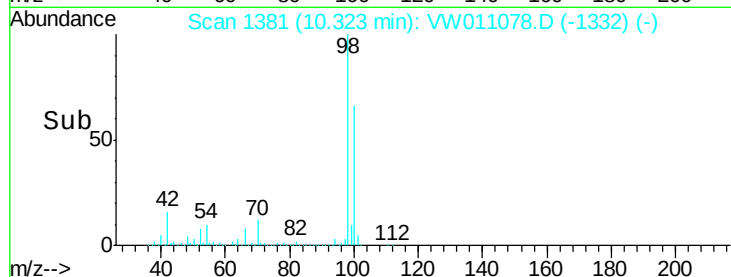
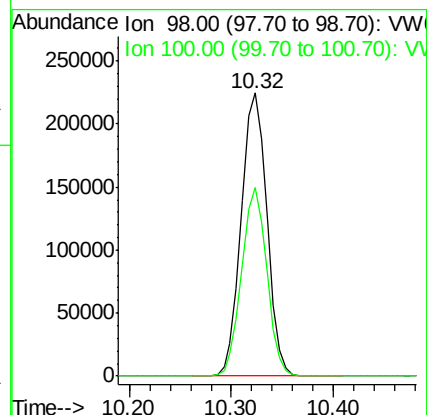
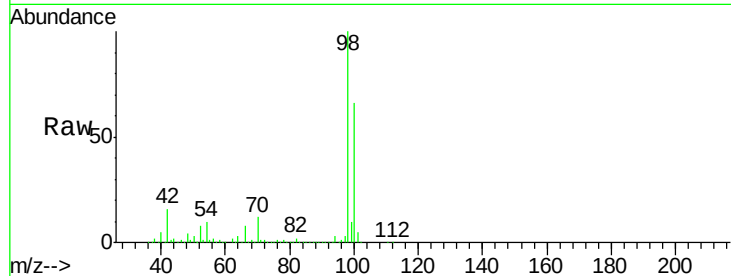
OK-02-062719RE

Tot Ion: 98 Resp: 392158

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.777 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011078.D

Acq: 01 Jul 2019 12:14

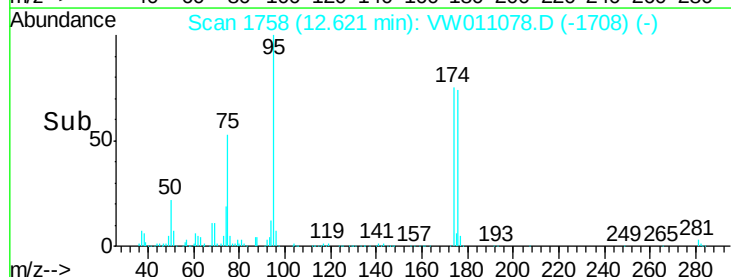
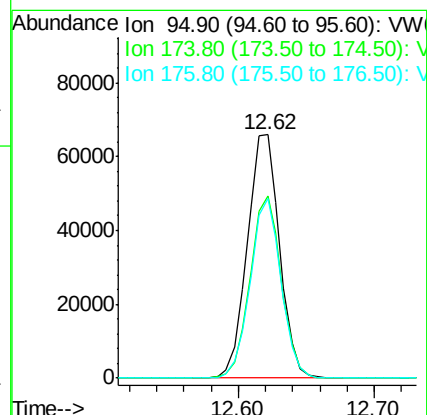
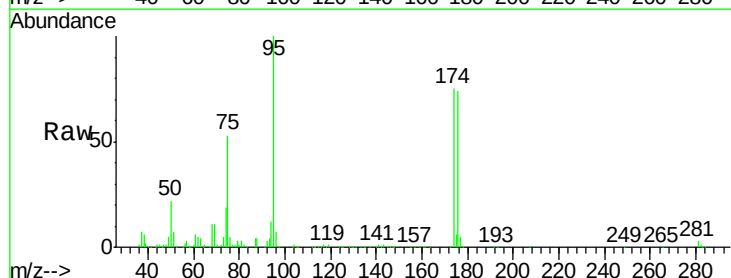
Tgt Ion: 95 Resp: 109501

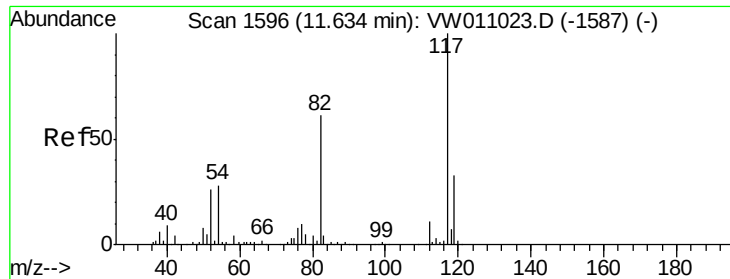
Ion Ratio Lower Upper

95 100

174 72.7 0.0 149.2

176 70.5 0.0 143.6

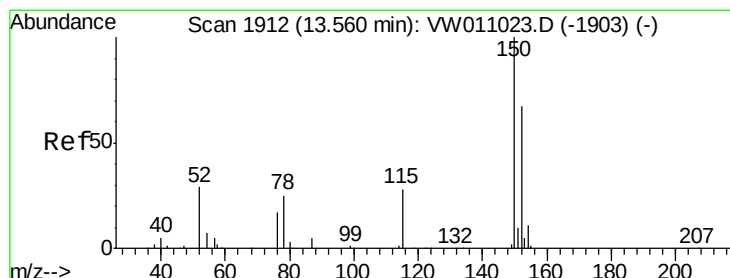
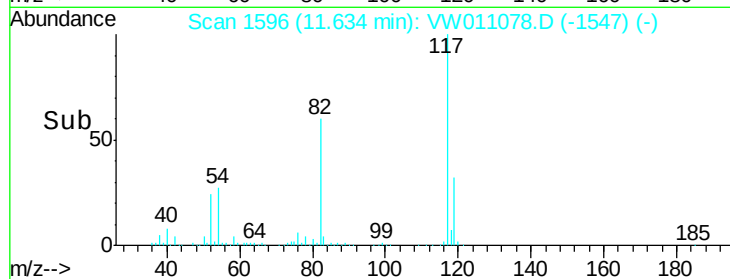
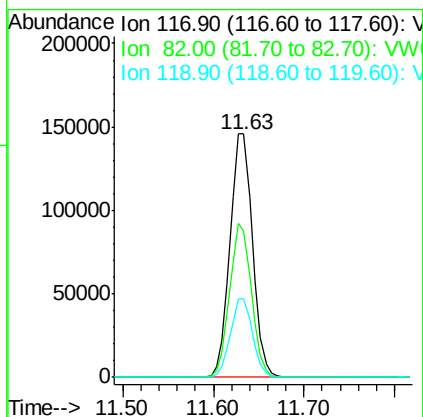
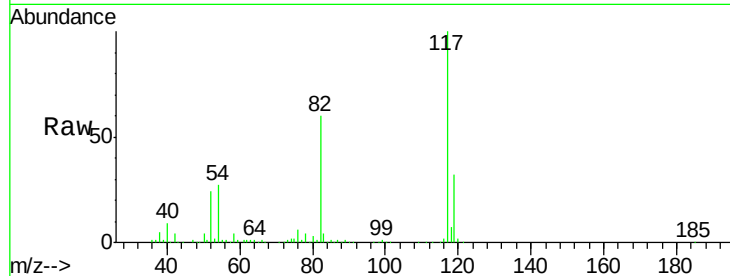




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011078.D
Acq: 01 Jul 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
OK-02-062719RE

Tot Ion:117 Resp: 251710
Ion Ratio Lower Upper
117 100
82 59.9 48.6 73.0
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011078.D
Acq: 01 Jul 2019 12:14

Tgt Ion:152 Resp: 79591
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 157.2 0.0 341.8

