

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012961.D
 Acq On : 13 Sep 2019 19:15
 Operator : SY/VA
 Sample : VW0914SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBL01

Quant Time: Sep 14 04:45:08 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	269939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140662	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	
35) Dibromofluoromethane	7.88	113	118734	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	10.32	98	466345	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
62) 4-Bromofluorobenzene	12.62	95	153209	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

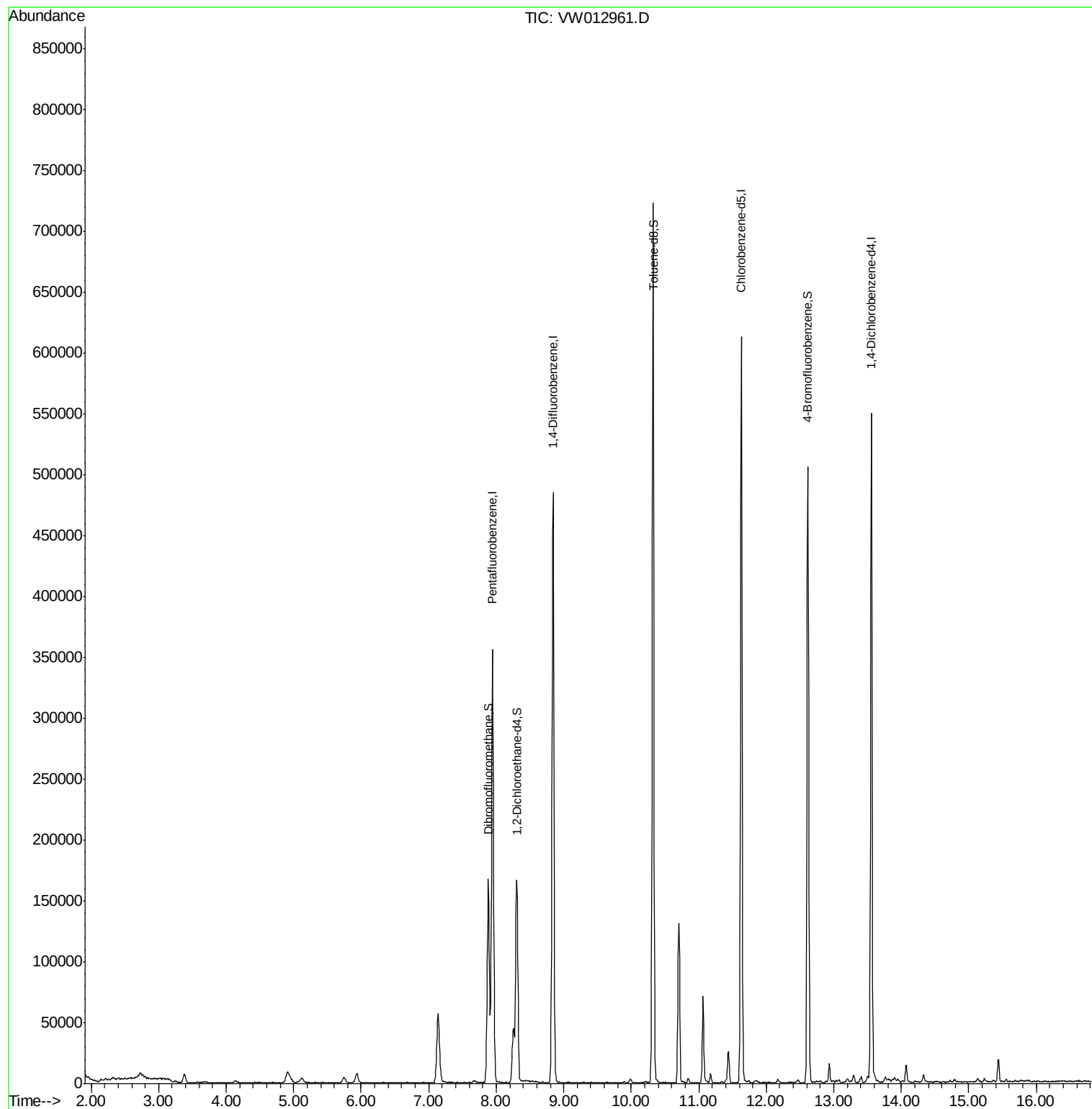
Target Compounds	Qvalue
------------------	--------

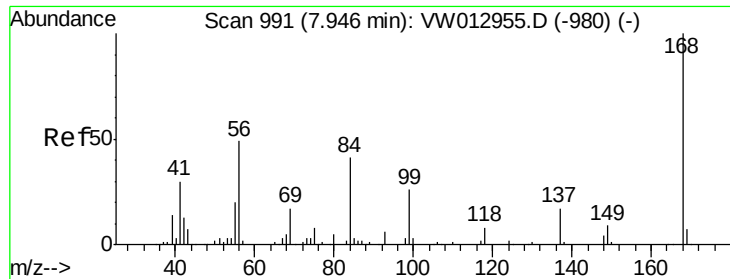
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
Data File : VW012961.D
Acq On : 13 Sep 2019 19:15
Operator : SY/VA
Sample : VW0914SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0914SBL01

Quant Time: Sep 14 04:45:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
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: VW012961.D

Acq: 13 Sep 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

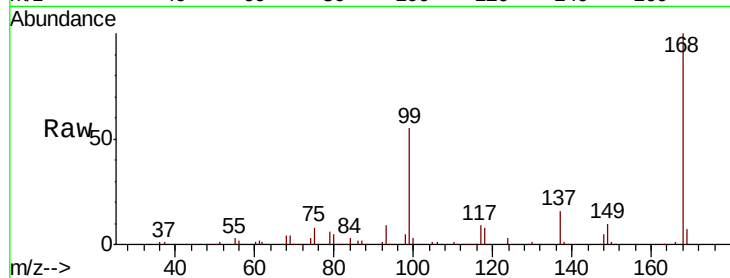
VW0914SBL01

Tgt Ion:168 Resp: 269939

Ion Ratio Lower Upper

168 100

99 54.9 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

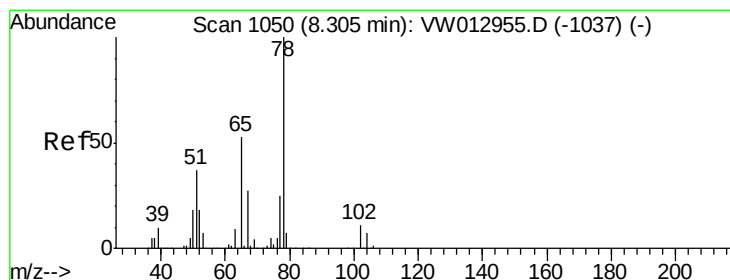
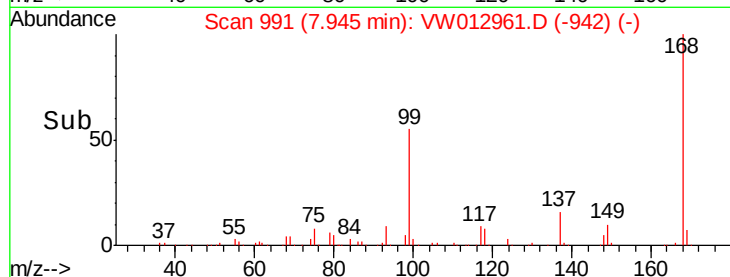
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.421 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012961.D

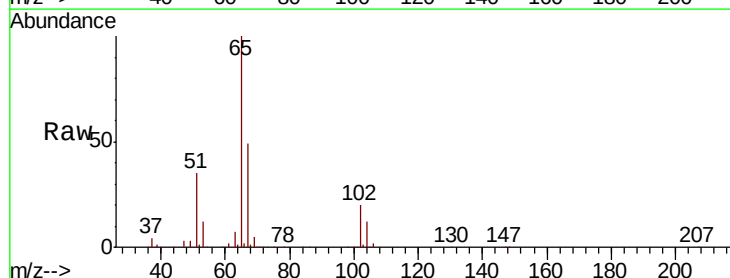
Acq: 13 Sep 2019 19:15

Tgt Ion: 65 Resp: 140662

Ion Ratio Lower Upper

65 100

67 51.8 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

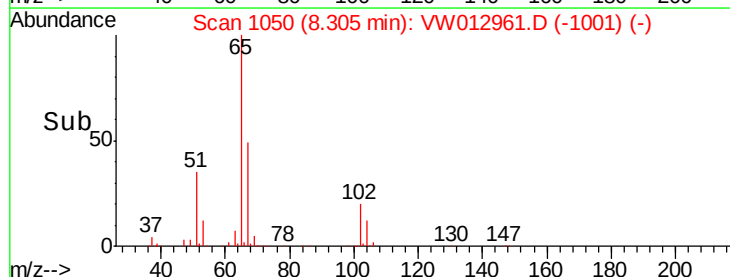
60000

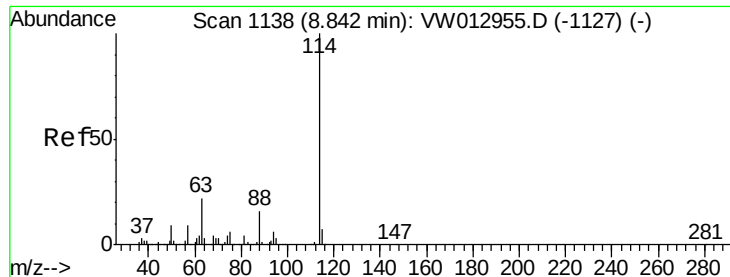
40000

20000

0

Time--> 8.20 8.30 8.40 8.50





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012961.D

Acq: 13 Sep 2019 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW0914SBL01

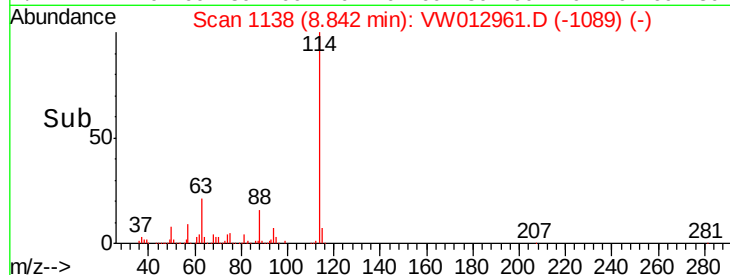
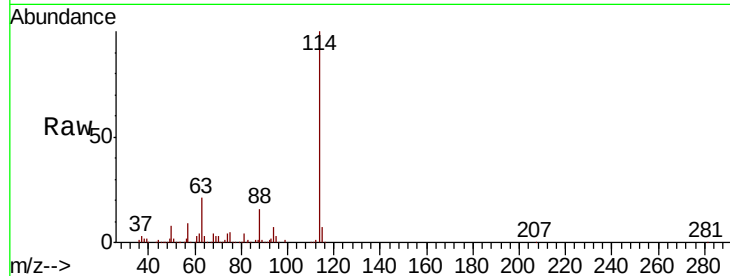
Tgt Ion:114 Resp: 399273

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

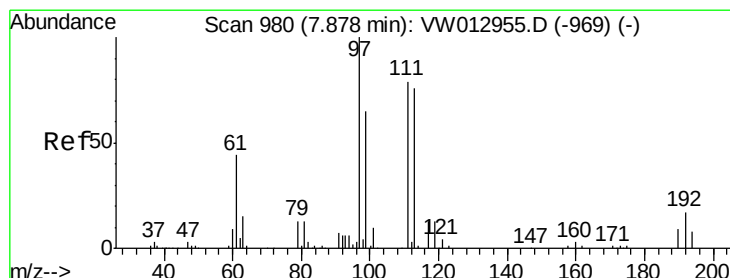
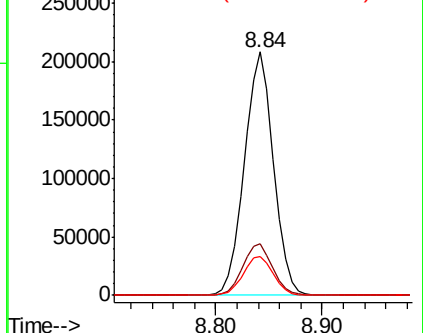
88 16.1 0.0 31.6



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: 54.804 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW012961.D

Acq: 13 Sep 2019 19:15

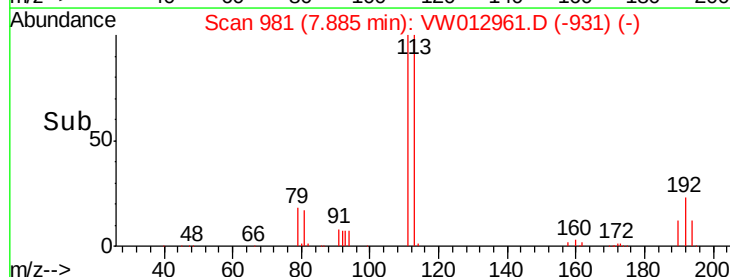
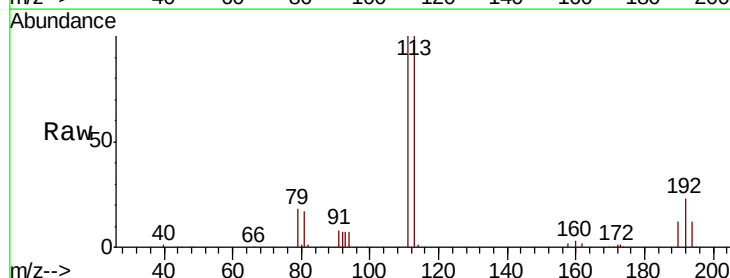
Tgt Ion:113 Resp: 118734

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

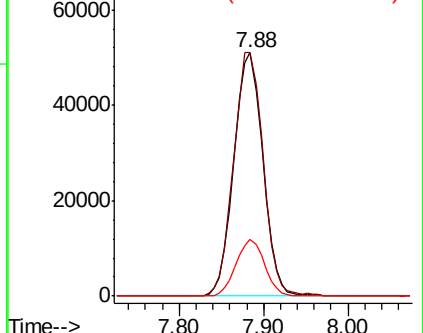
192 22.7 17.8 26.8

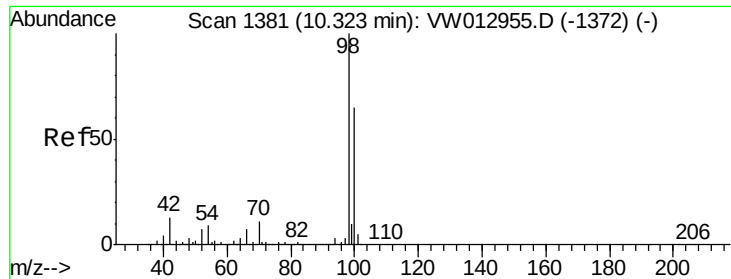


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

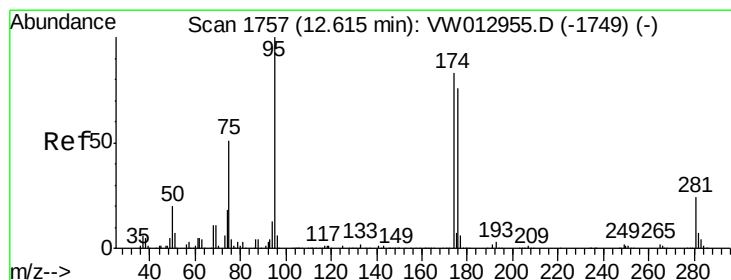
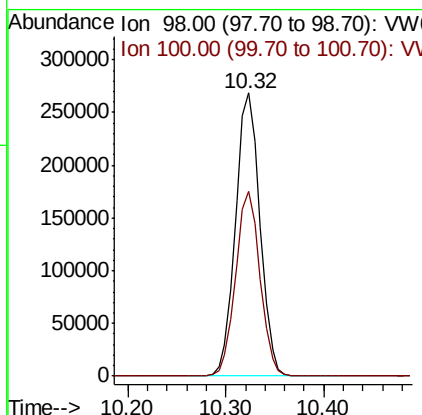
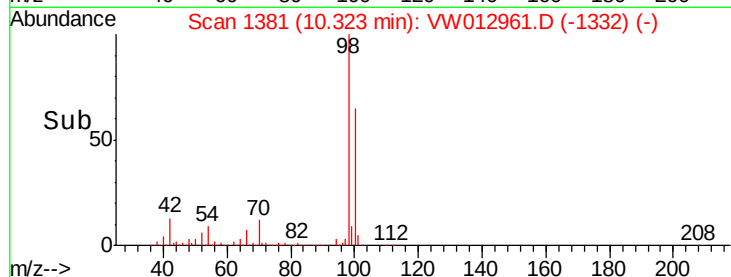
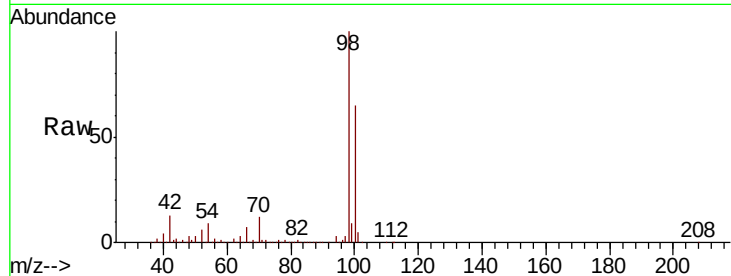




#50
Toluene-d8
Concen: 55.008 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012961.D
Acq: 13 Sep 2019 19:15

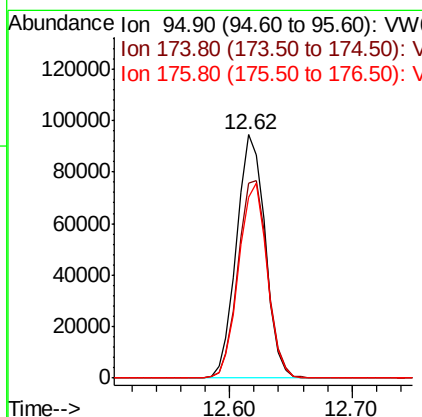
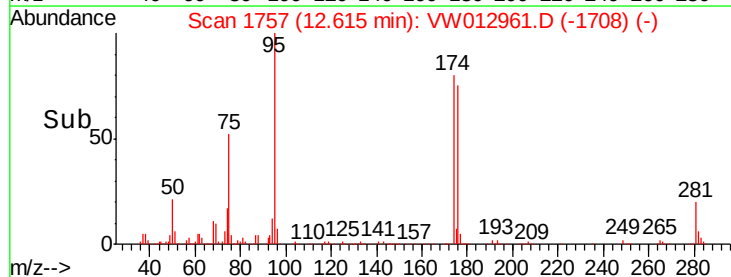
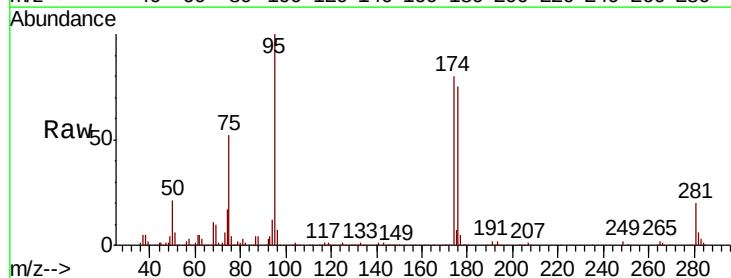
Instrument :
MSVOA_W
ClientSampleId :
VW0914SBL01

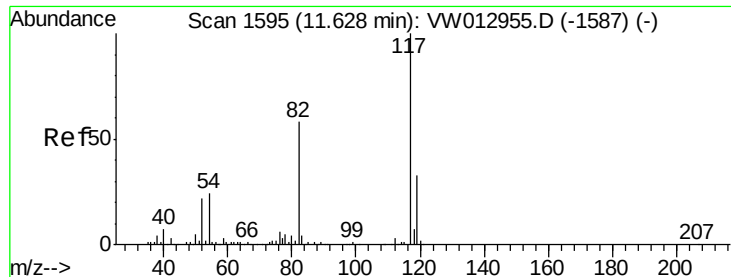
Tgt Ion: 98 Resp: 466345
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.258 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012961.D
Acq: 13 Sep 2019 19:15

Tgt Ion: 95 Resp: 153209
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.4
176 79.9 0.0 164.6

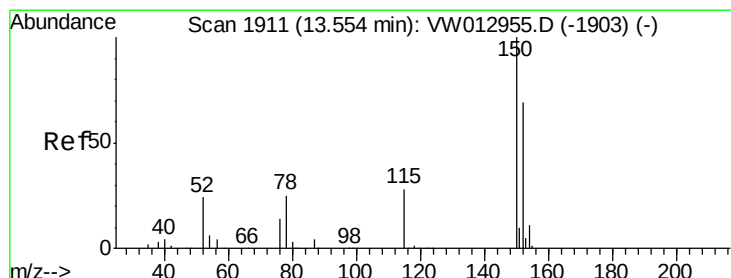
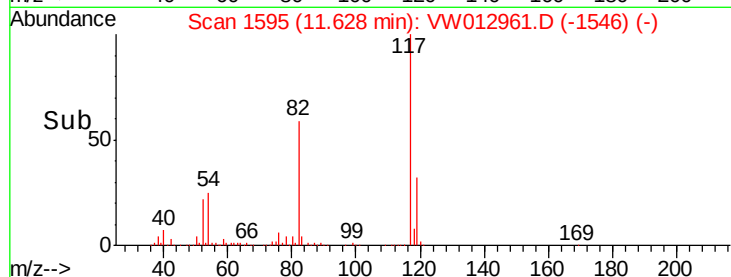
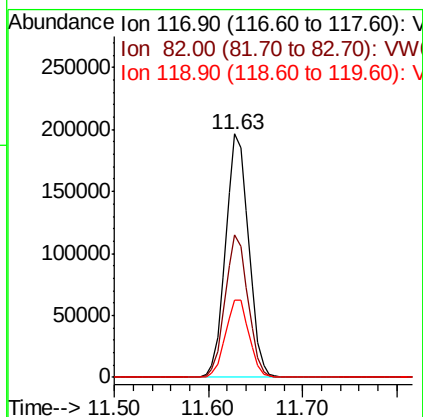
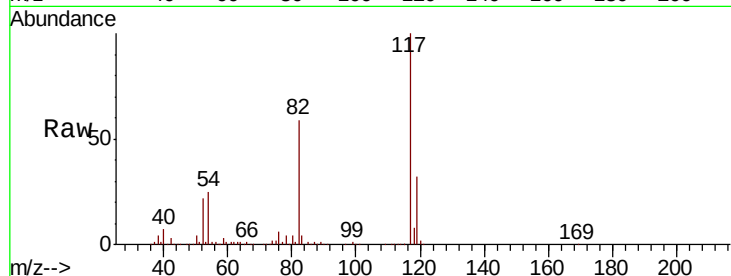




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012961.D
Acq: 13 Sep 2019 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW0914SBL01

Tgt Ion:117 Resp: 332504
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 31.7 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: VW012961.D
Acq: 13 Sep 2019 19:15

Tgt Ion:152 Resp: 147206
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.4
150 156.8 0.0 340.2

