

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013202.D
 Acq On : 21 Sep 2019 00:29
 Operator : SY/VA
 Sample : K4918-09
 Misc : 3.24G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10

Quant Time: Sep 21 05:48:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168132	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	126464	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.88	113	129885	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.32	98	561106	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	187064	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

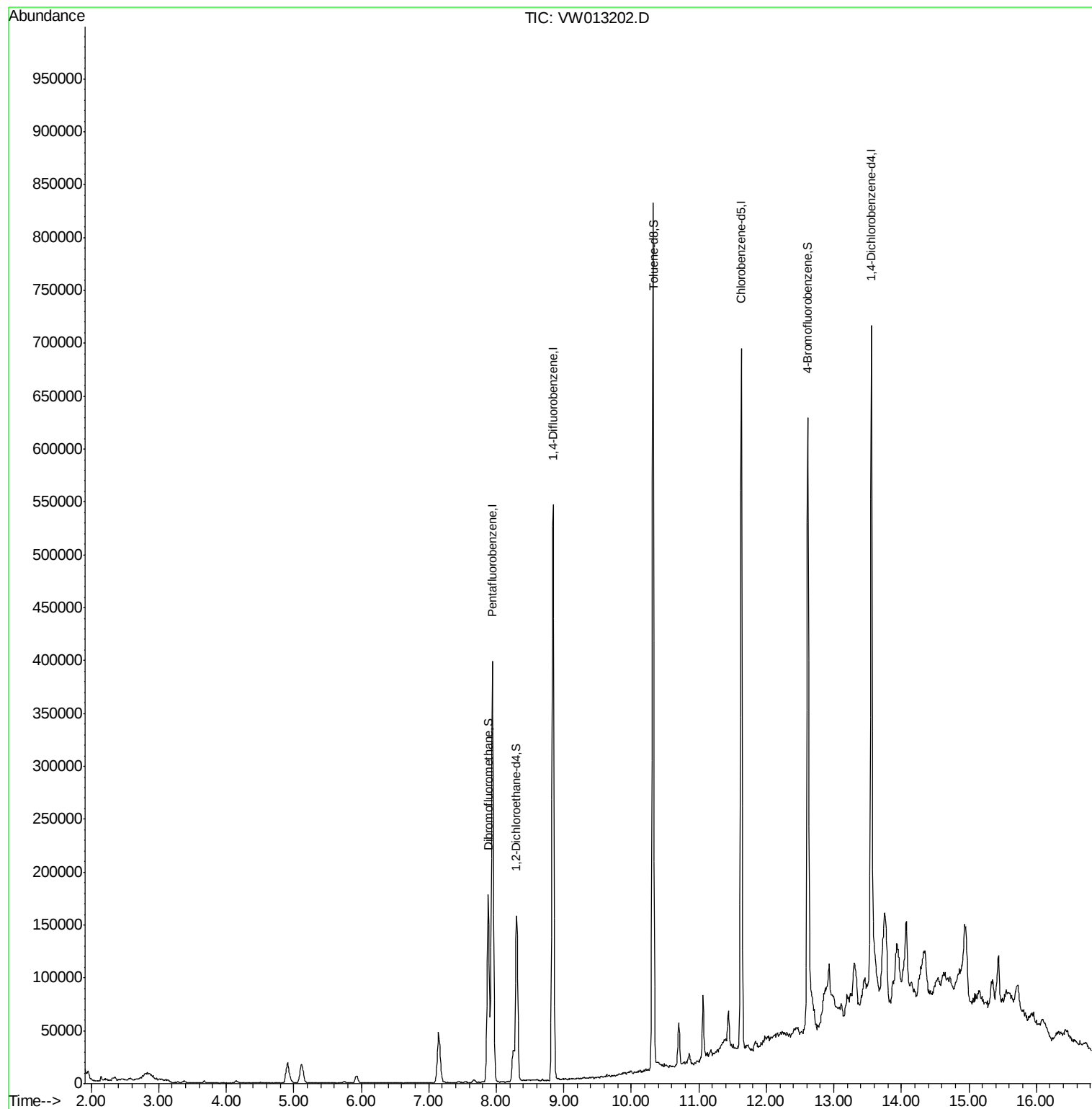
Target Compounds	Qvalue

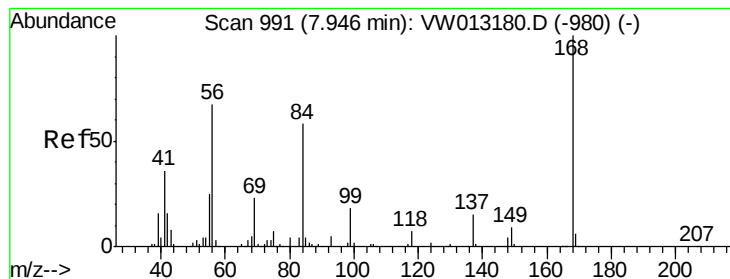
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013202.D
Acq On : 21 Sep 2019 00:29
Operator : SY/VA
Sample : K4918-09
Misc : 3.24G/5ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-10

Quant Time: Sep 21 05:48:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013202.D

Acq: 21 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

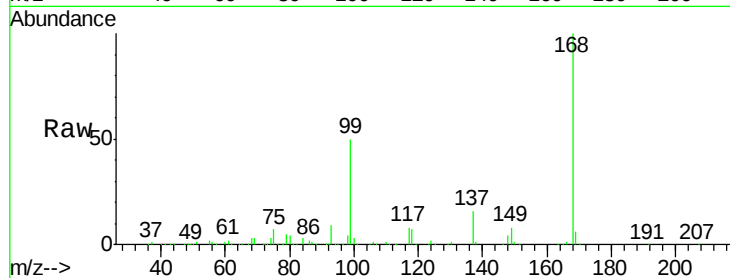
SB-10

Tot Ion:168 Resp: 326742

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

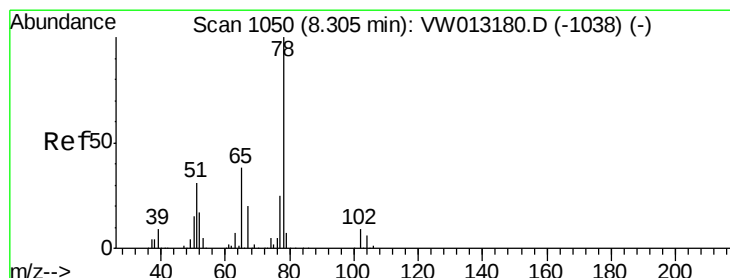
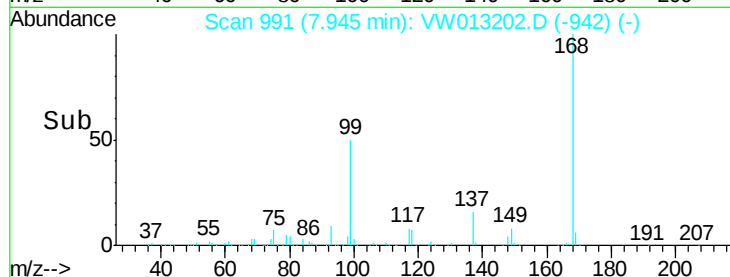
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.424 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013202.D

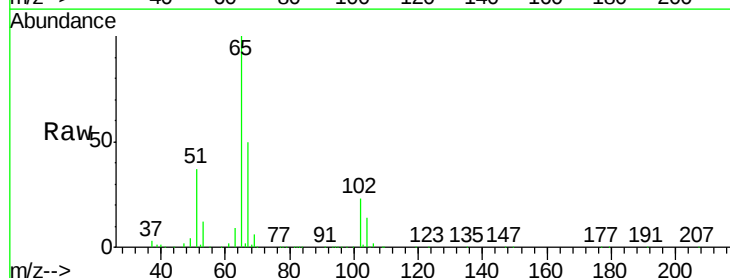
Acq: 21 Sep 2019 00:29

Tgt Ion: 65 Resp: 126464

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

30000

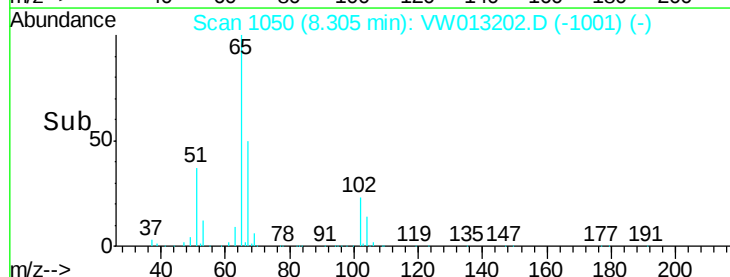
20000

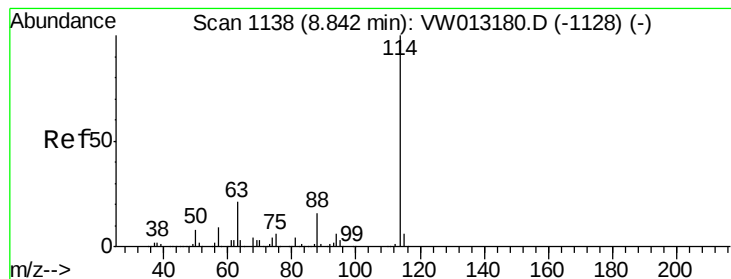
10000

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: VW013202.D

Acq: 21 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

SB-10

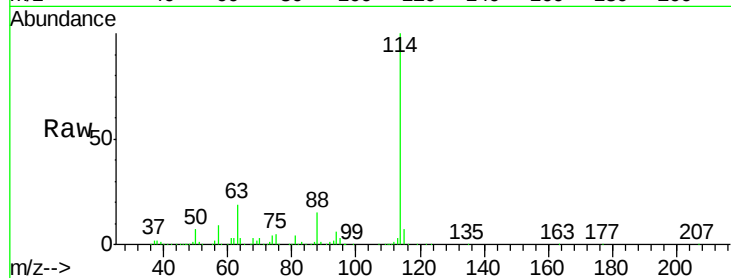
Tot Ion:114 Resp: 478390

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

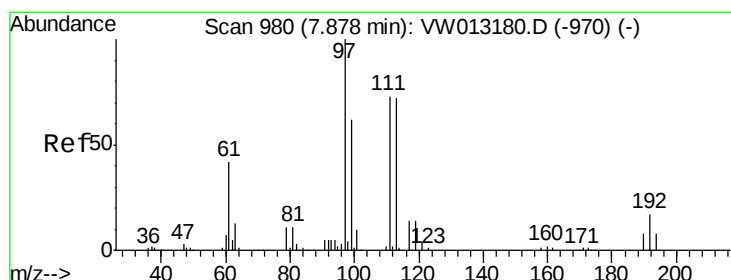
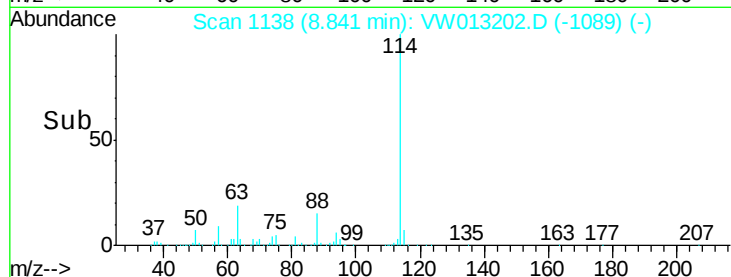
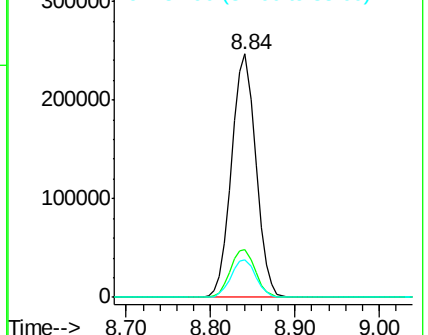
88 15.2 0.0 32.0



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: 49.364 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013202.D

Acq: 21 Sep 2019 00:29

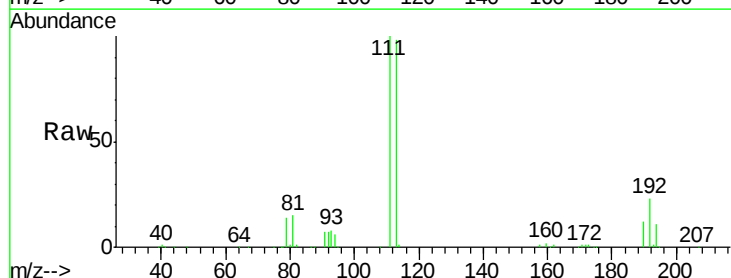
Tgt Ion:113 Resp: 129885

Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

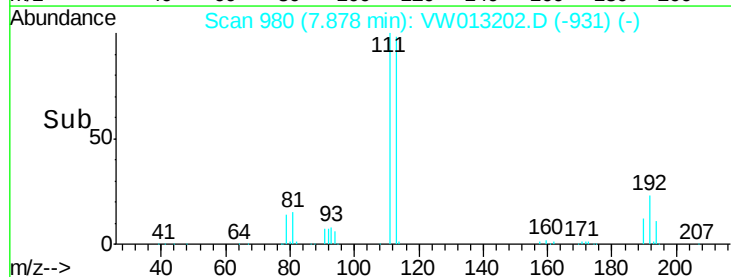
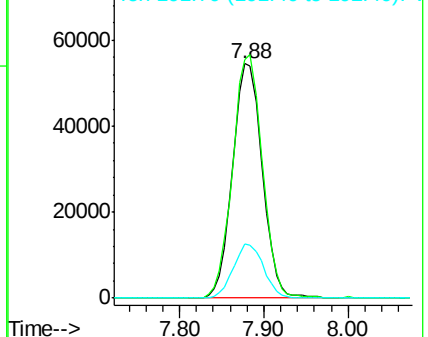
192 23.4 19.1 28.7

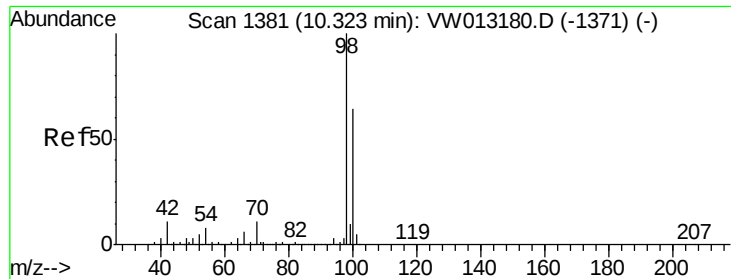


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

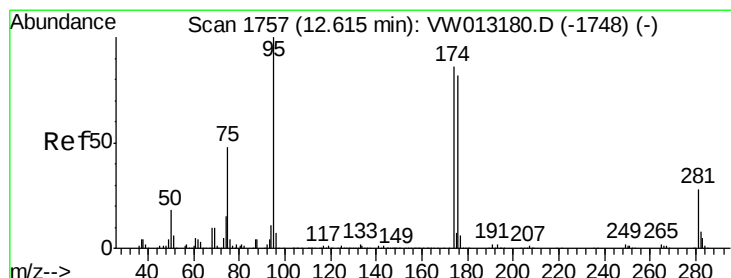
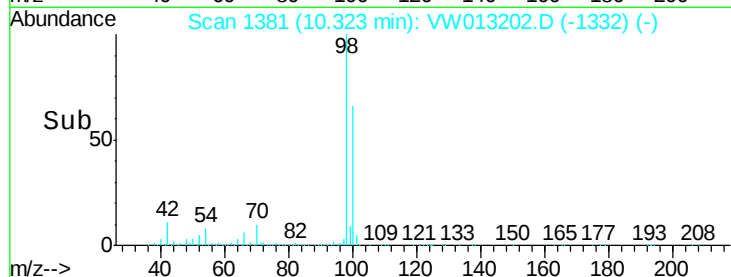
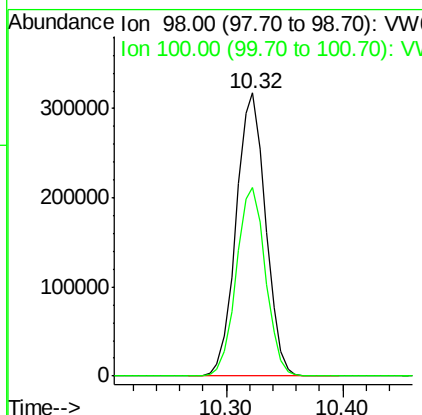
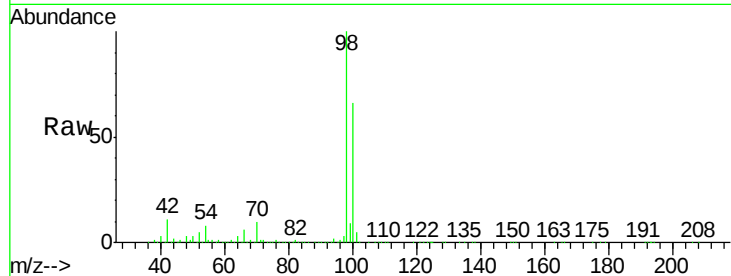




#50
Toluene-d8
Concen: 50.956 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013202.D
Acq: 21 Sep 2019 00:29

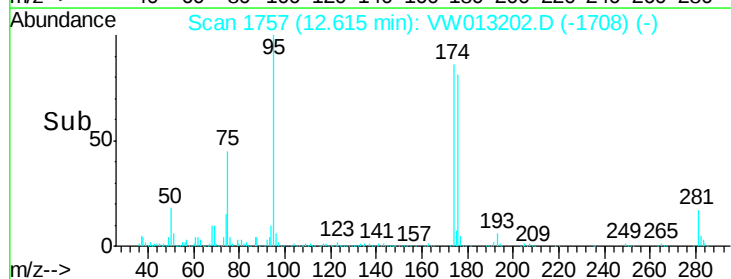
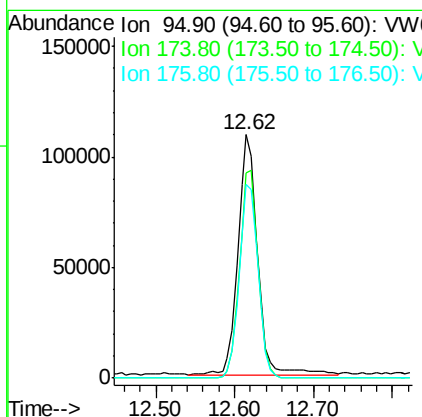
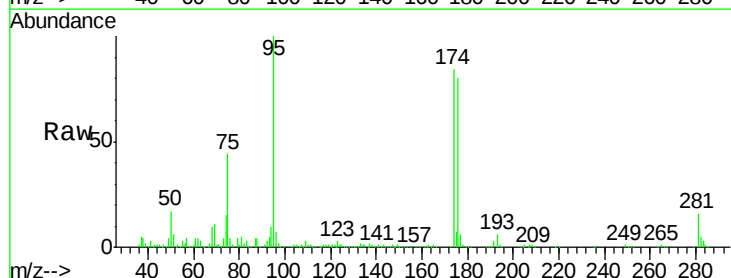
Instrument :
MSVOA_W
ClientSampleId :
SB-10

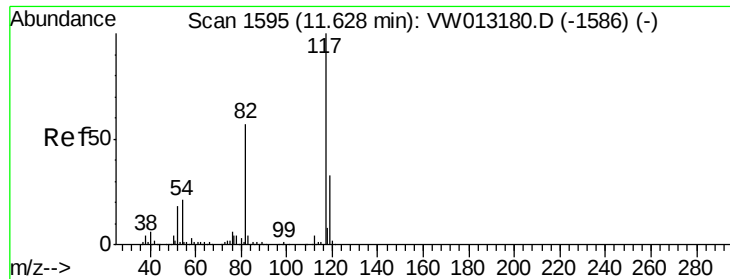
Tot Ion: 98 Resp: 561106
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 49.731 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013202.D
Acq: 21 Sep 2019 00:29

Tgt Ion: 95 Resp: 187064
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.4
176 77.7 0.0 172.2

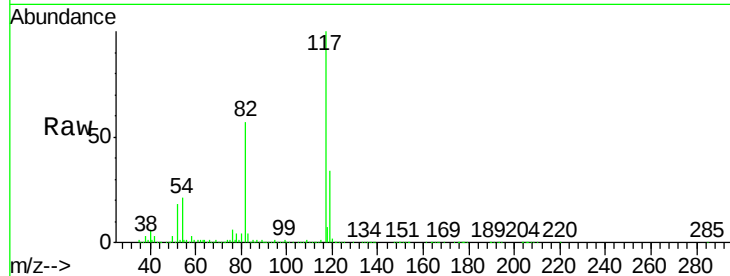




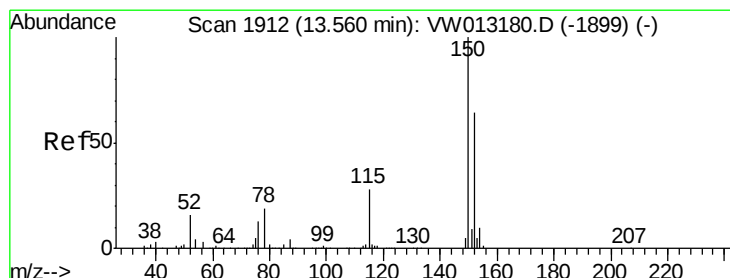
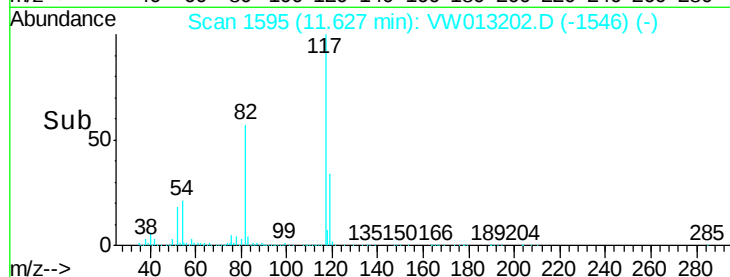
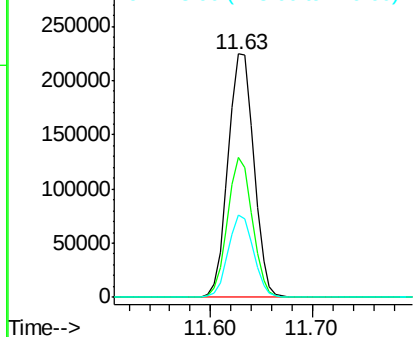
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013202.D
Acq: 21 Sep 2019 00:29

Instrument :
MSVOA_W
ClientSampleId :
SB-10

Tot Ion:117 Resp: 391412
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 33.5 26.2 39.2

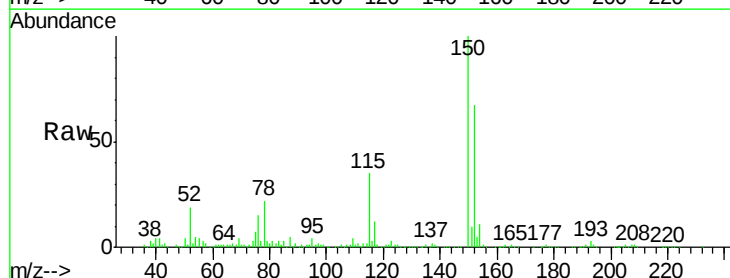


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013202.D
Acq: 21 Sep 2019 00:29

Tgt Ion:152 Resp: 168132
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 154.2 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

