

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013404.D
 Acq On : 03 Oct 2019 04:37
 Operator : SY/VA
 Sample : K5165-01
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NBP-2019

Quant Time: Oct 04 08:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	531507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	443702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197561	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144563	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	149020	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.32	98	610347	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.62	95	190594	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

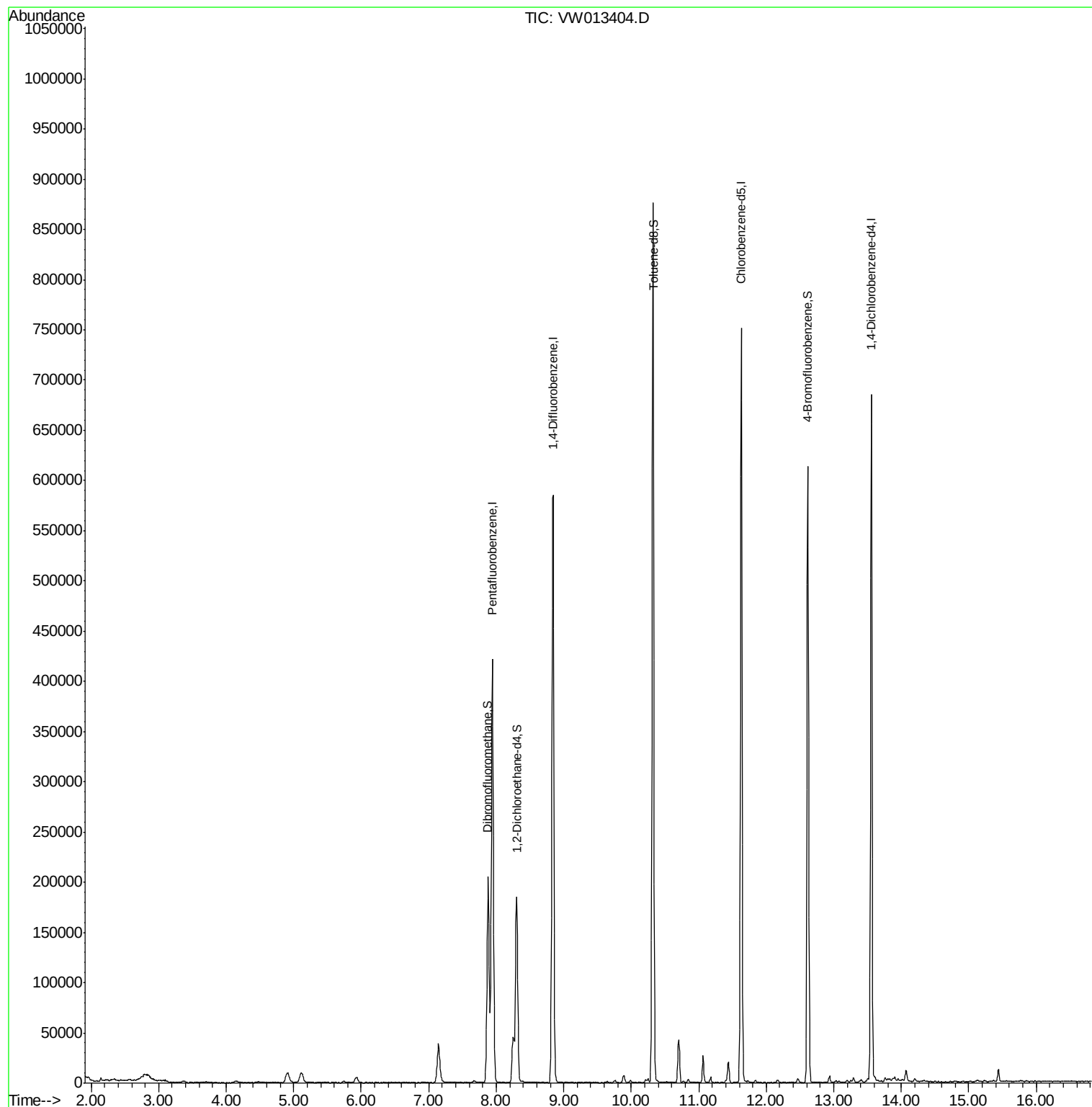
Target Compounds	Qvalue

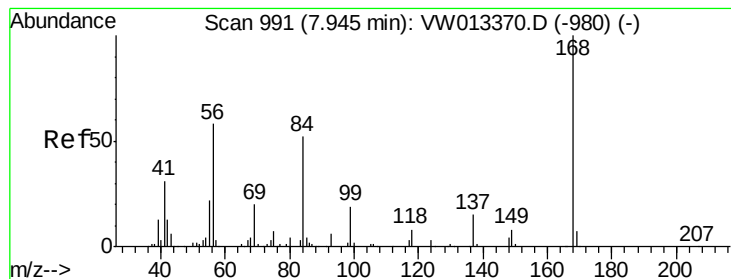
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

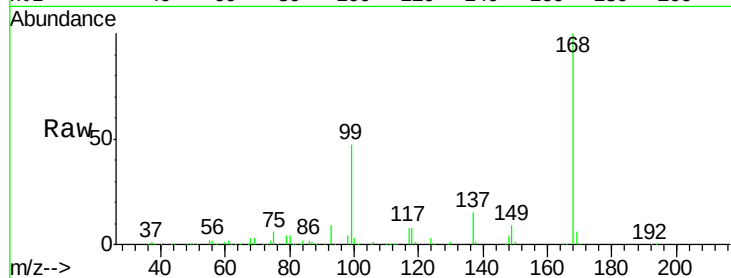
NBP-2019

Tot Ion:168 Resp: 355377

Ion Ratio Lower Upper

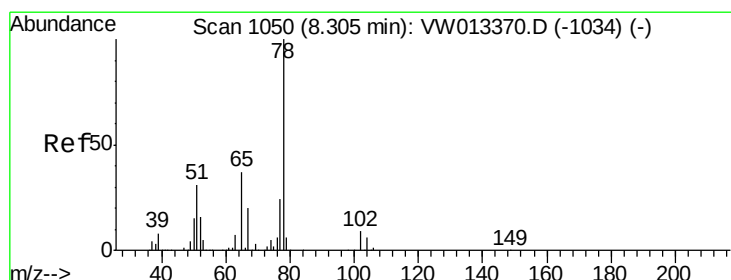
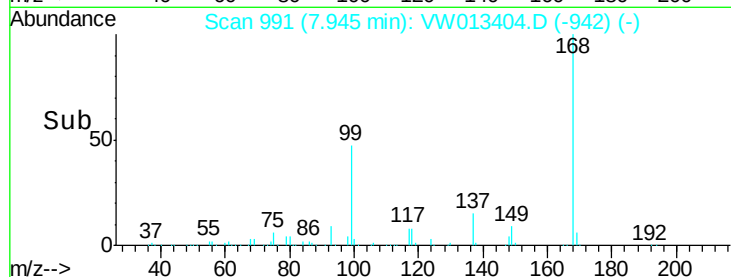
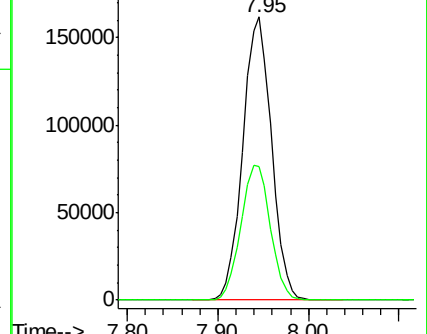
168 100

99 47.2 40.2 60.4



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: 54.480 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013404.D

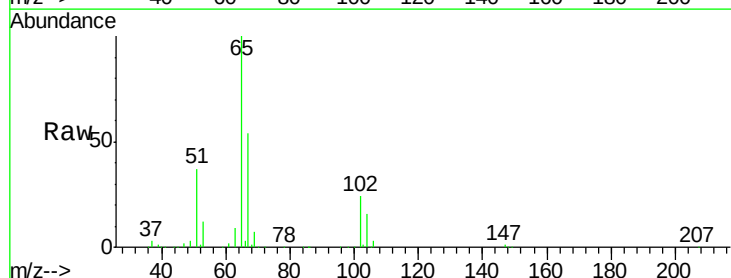
Acq: 03 Oct 2019 04:37

Tgt Ion: 65 Resp: 144563

Ion Ratio Lower Upper

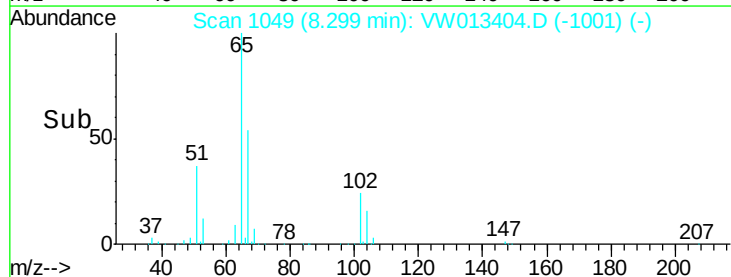
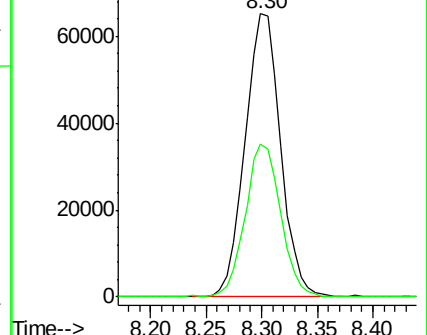
65 100

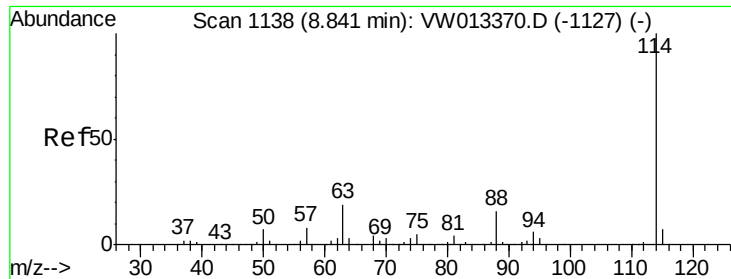
67 54.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

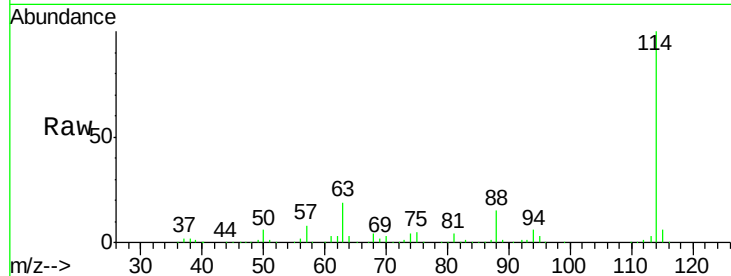




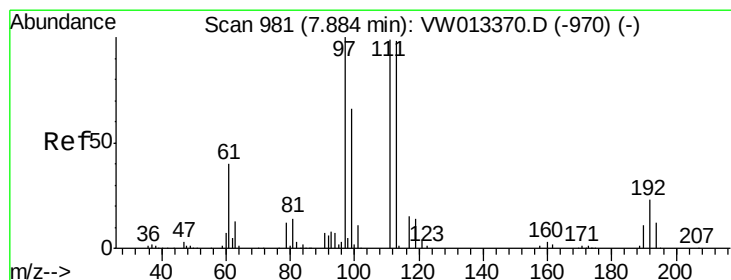
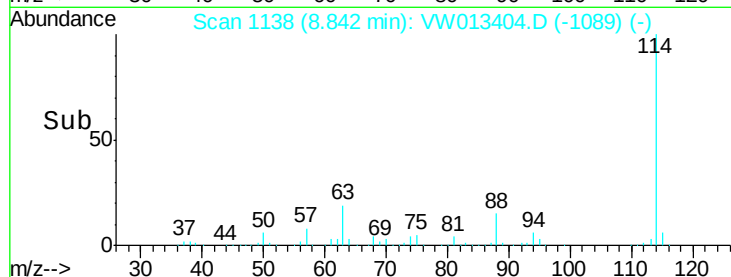
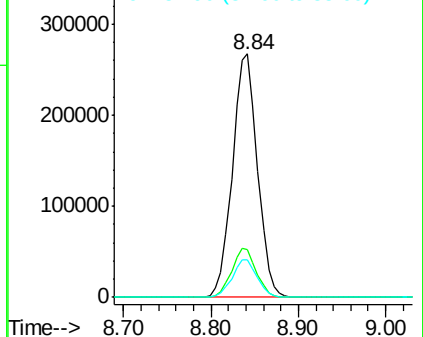
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013404.D
Acq: 03 Oct 2019 04:37

Instrument :
MSVOA_W
ClientSampleId :
NBP-2019

Tot Ion:114 Resp: 531507
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.4
88 15.4 0.0 32.0

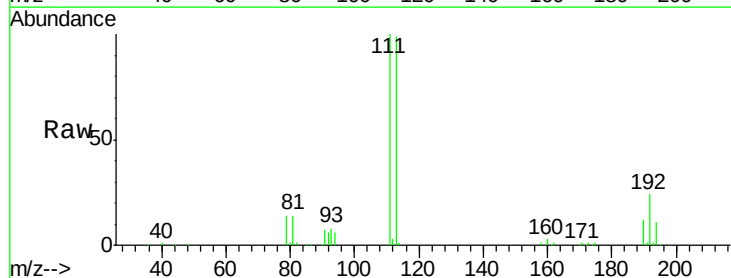


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

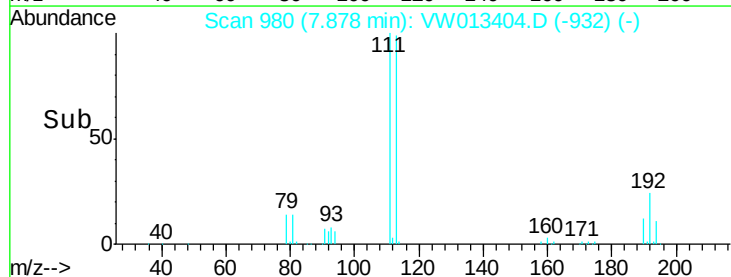
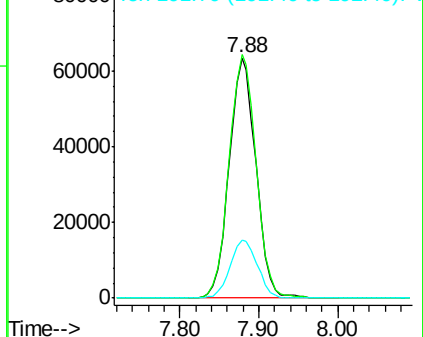


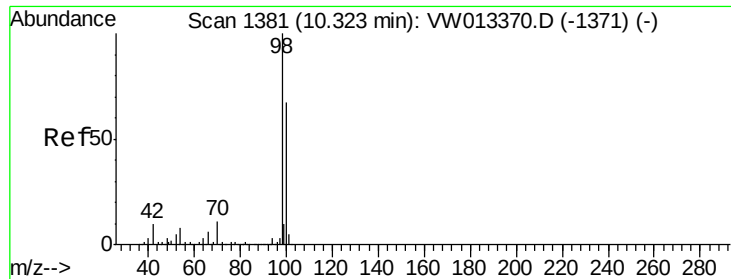
#35
Dibromofluoromethane
Concen: 53.432 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013404.D
Acq: 03 Oct 2019 04:37

Tgt Ion:113 Resp: 149020
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 24.6 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: 52.736 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

Instrument :

MSVOA_W

ClientSampleId :

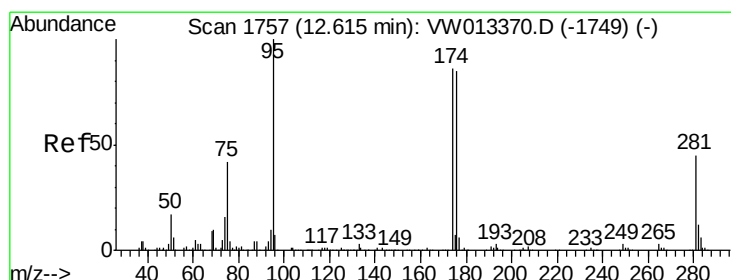
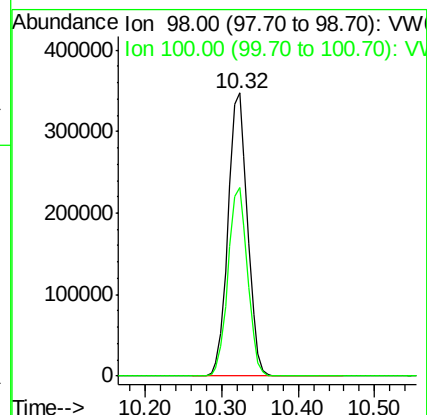
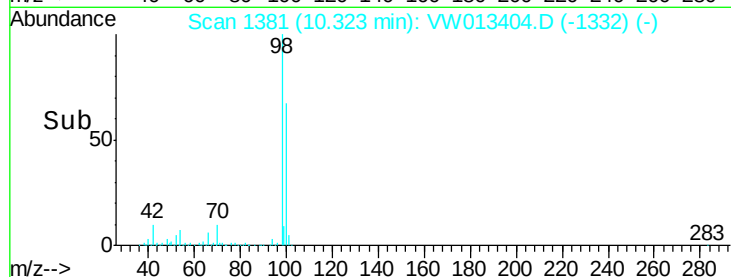
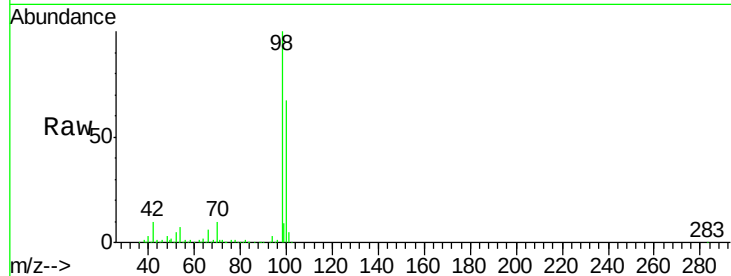
NBP-2019

Tot Ion: 98 Resp: 610347

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.315 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013404.D

Acq: 03 Oct 2019 04:37

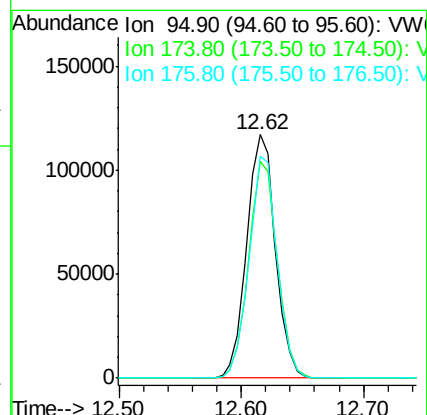
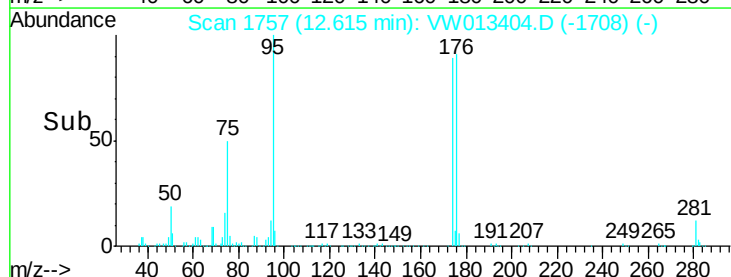
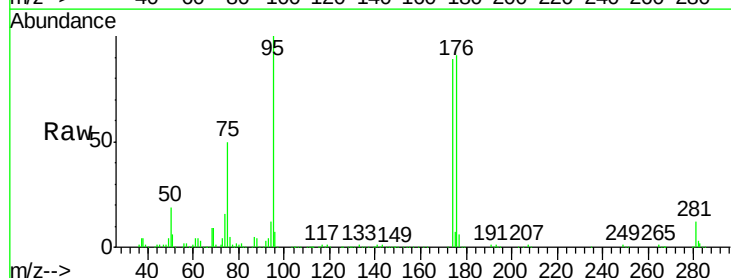
Tgt Ion: 95 Resp: 190594

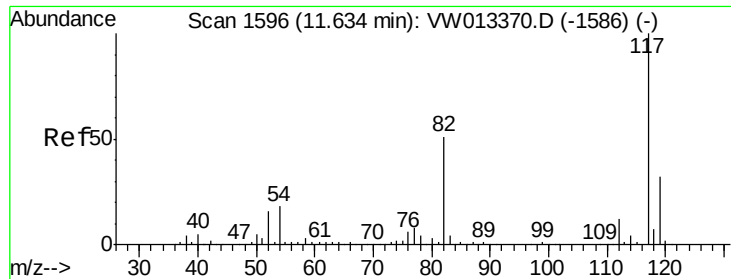
Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.4

176 89.3 0.0 172.2

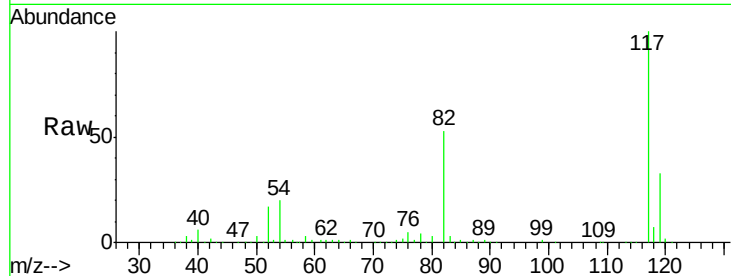




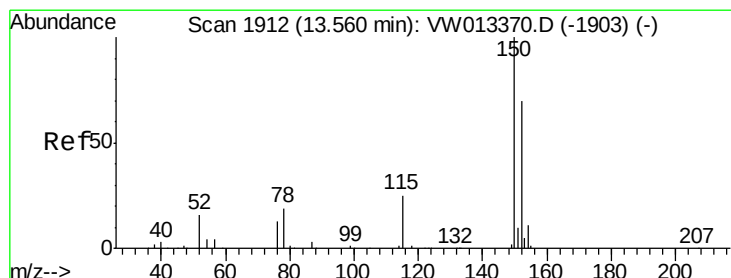
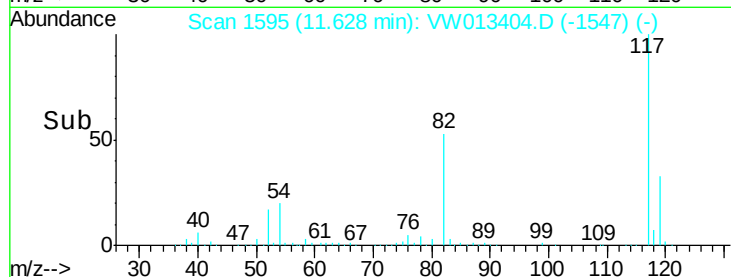
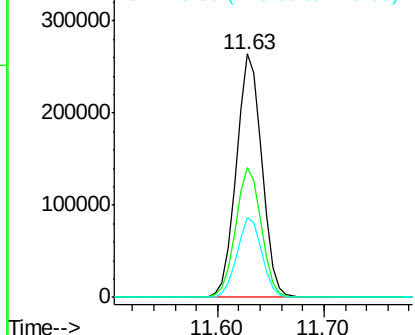
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013404.D
Acq: 03 Oct 2019 04:37

Instrument :
MSVOA_W
ClientSampleId :
NBP-2019

Tot Ion:117 Resp: 443702
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.7 26.2 39.2

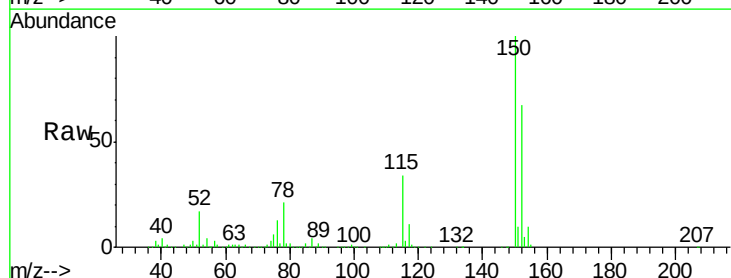


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013404.D
Acq: 03 Oct 2019 04:37

Tgt Ion:152 Resp: 197561
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 155.7 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

