

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010430.D
 Acq On : 18 May 2019 00:58
 Operator : SY/VA
 Sample : K2834-10
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB202-GW-398-400

Quant Time: May 18 01:52:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	684920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1263724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1080601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	456319	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	409524	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	7.88	113	398325	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.32	98	1529188	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.62	95	558575	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

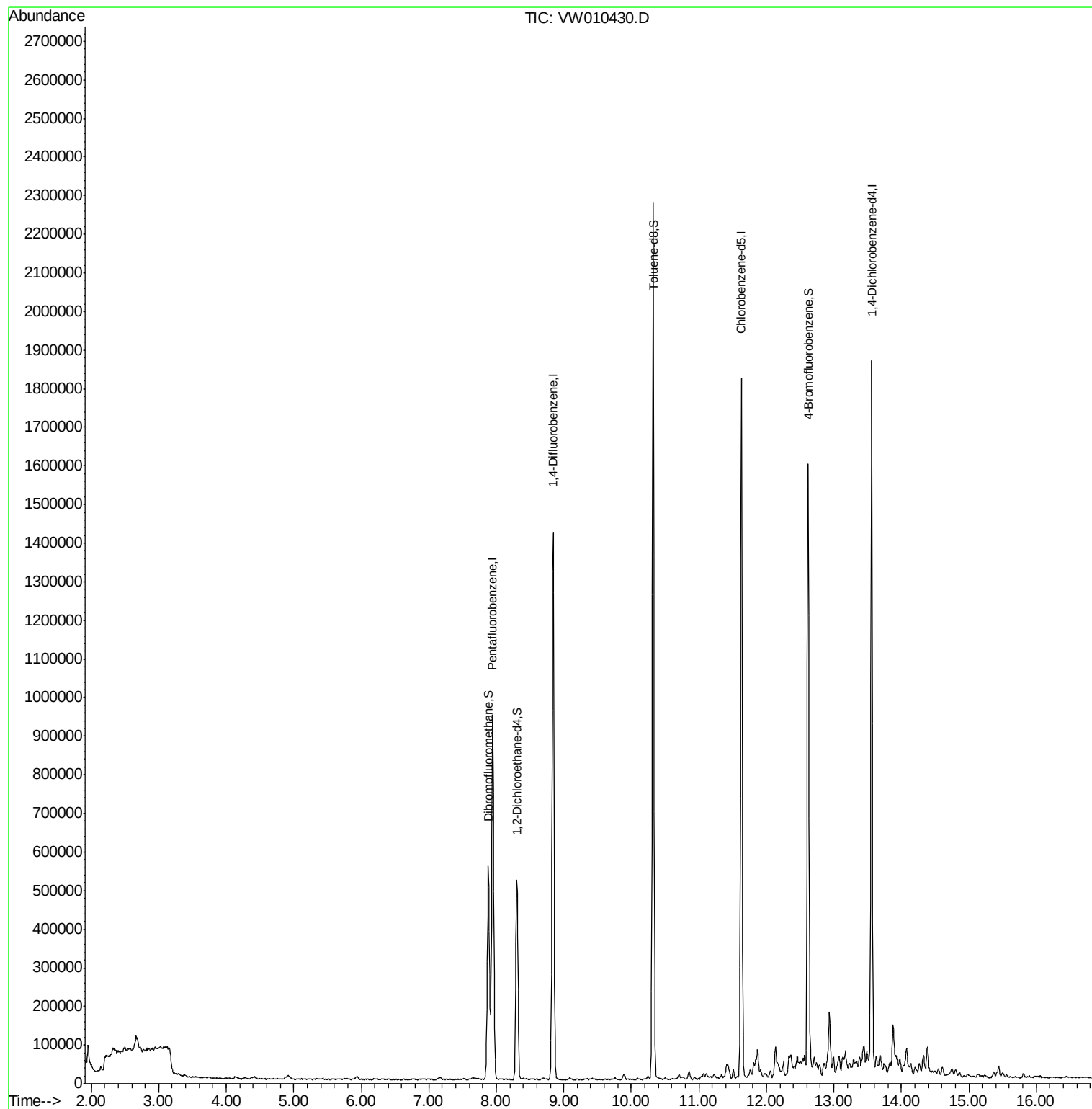
Target Compounds	Qvalue
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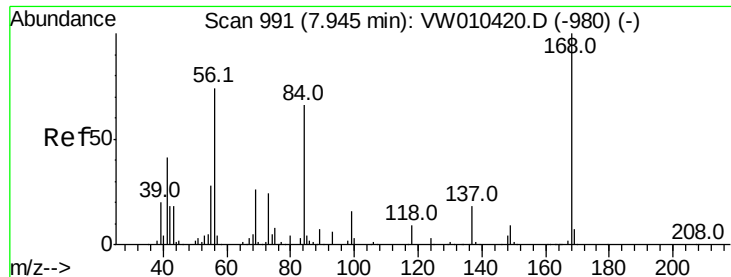
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 18 May 2019 00:58

Instrument :

MSVOA_W

ClientSampleId :

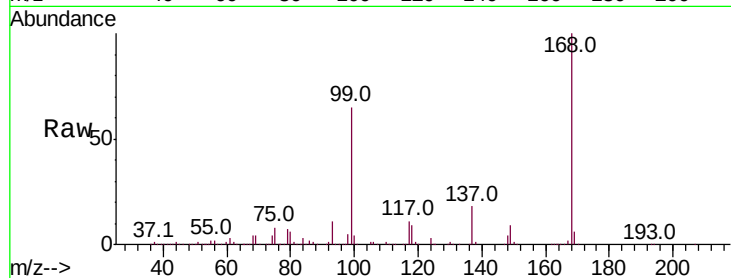
BP-VPB202-GW-398-400

Tot Ion:168 Resp: 684920

Ion Ratio Lower Upper

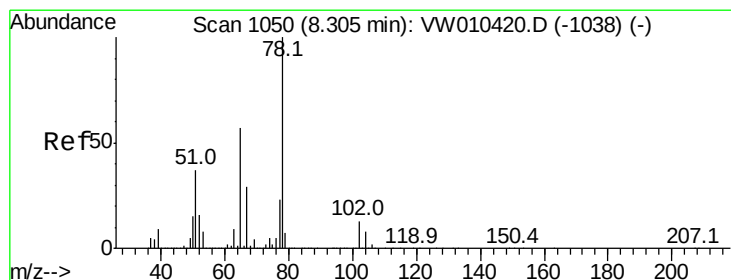
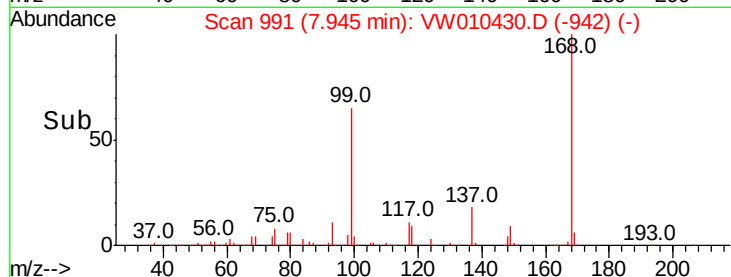
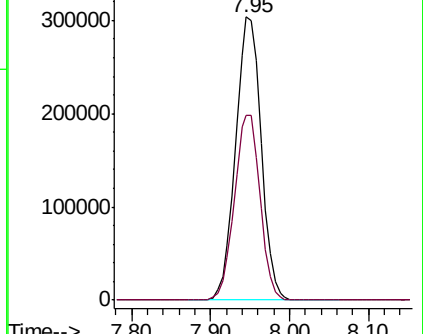
168 100

99 65.2 50.8 76.2



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: 54.518 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010430.D

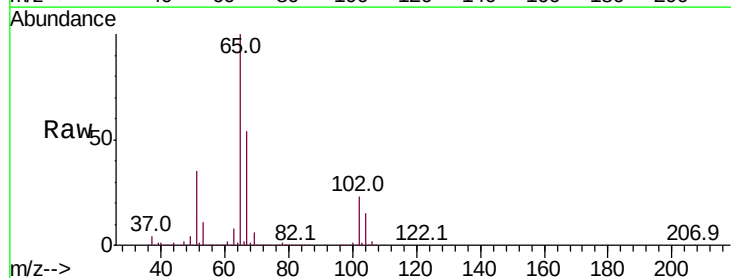
Acq: 18 May 2019 00:58

Tgt Ion: 65 Resp: 409524

Ion Ratio Lower Upper

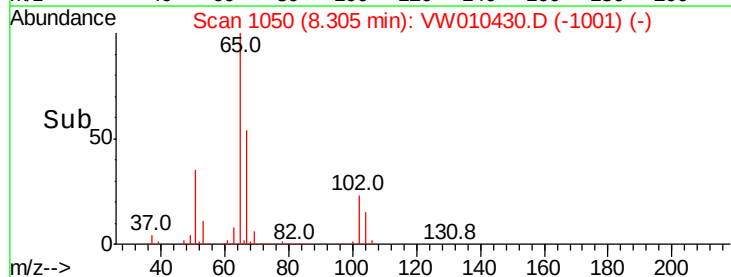
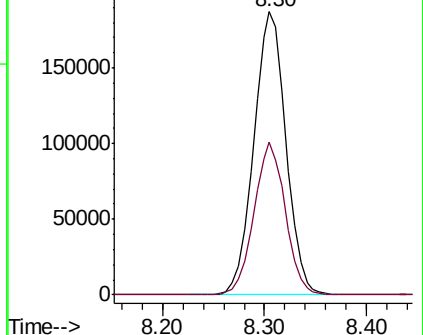
65 100

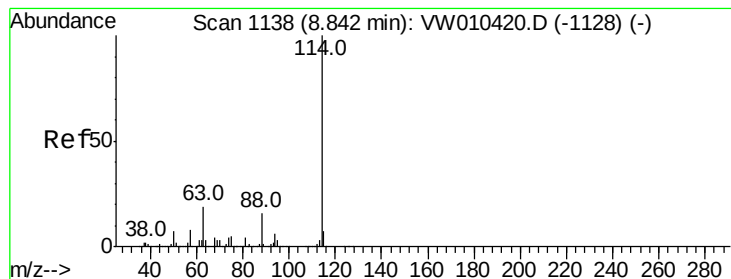
67 52.4 0.0 104.2



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: VW010430.D

Acq: 18 May 2019 00:58

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB202-GW-398-400

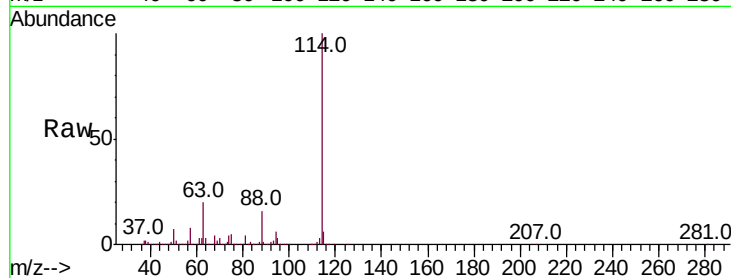
Tot Ion:114 Resp: 1263724

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

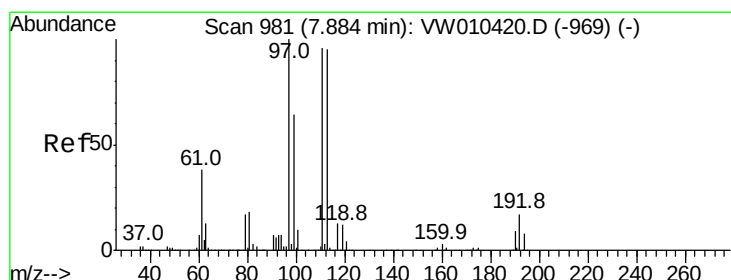
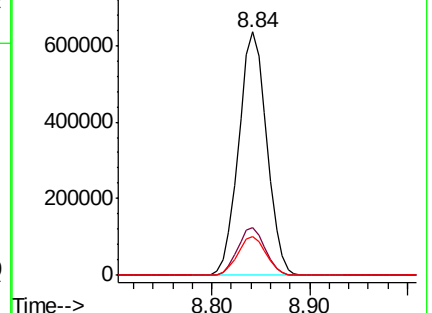
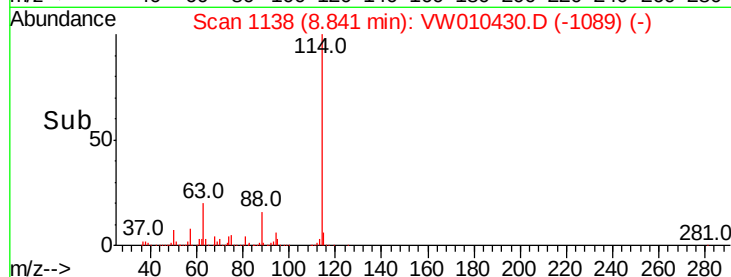
88 16.0 0.0 31.6



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: 51.034 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010430.D

Acq: 18 May 2019 00:58

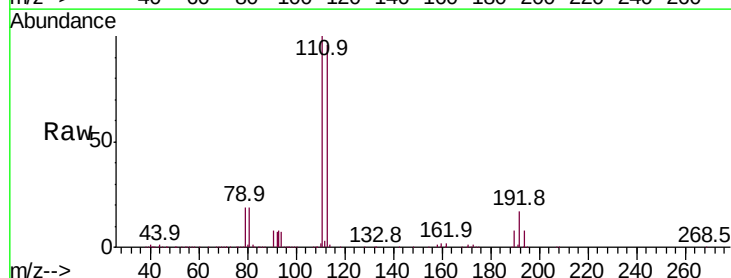
Tgt Ion:113 Resp: 398325

Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

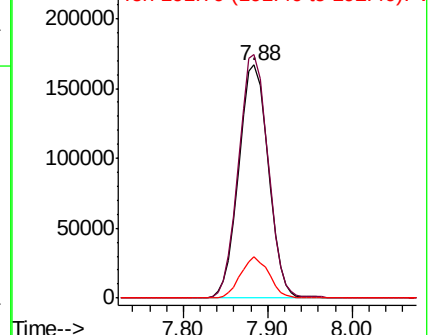
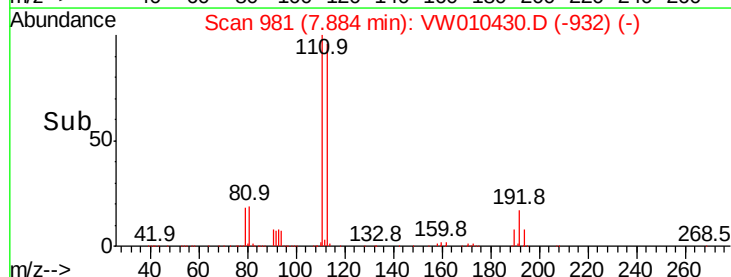
192 17.0 14.2 21.4

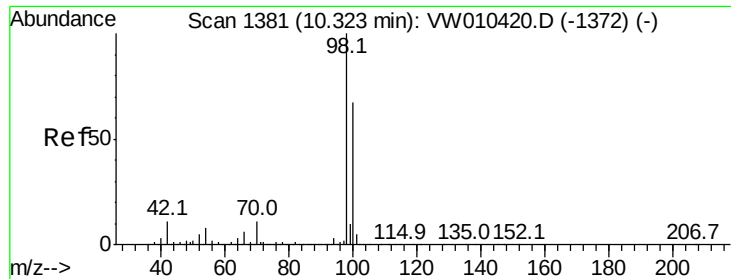


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.538 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010430.D

Acq: 18 May 2019 00:58

Instrument :

MSVOA_W

ClientSampleId :

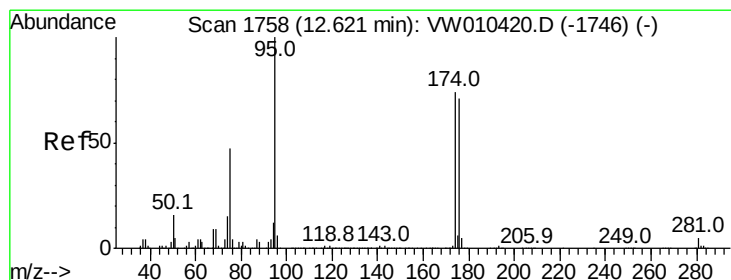
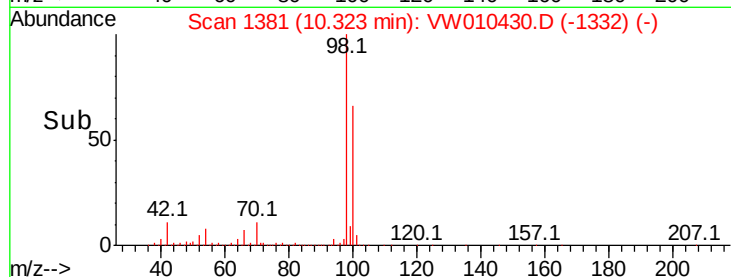
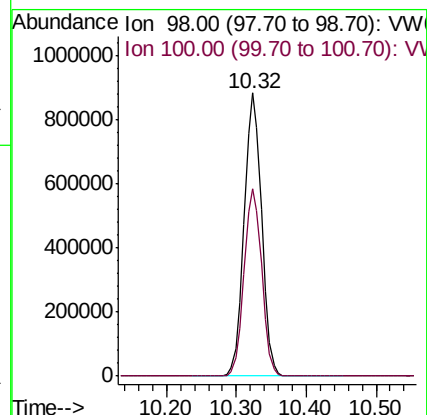
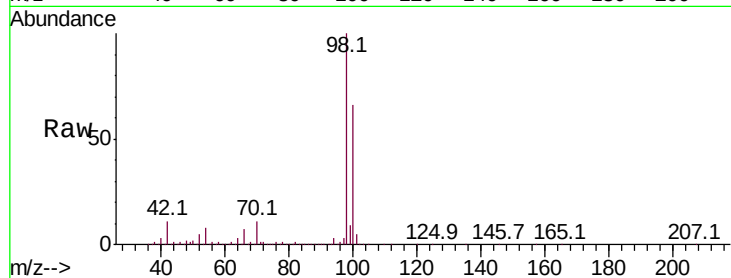
BP-VPB202-GW-398-400

Tot Ion: 98 Resp: 1529188

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 48.881 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010430.D

Acq: 18 May 2019 00:58

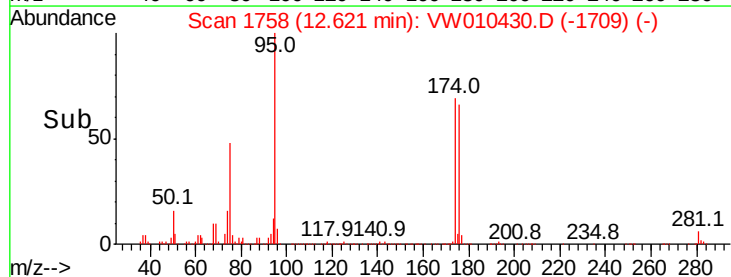
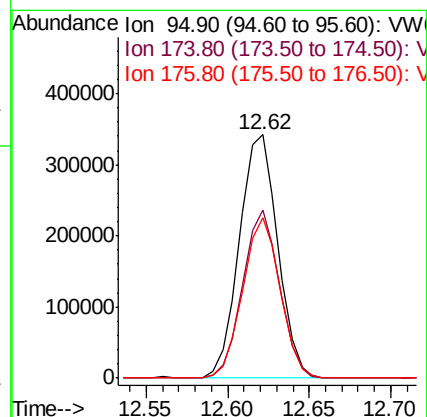
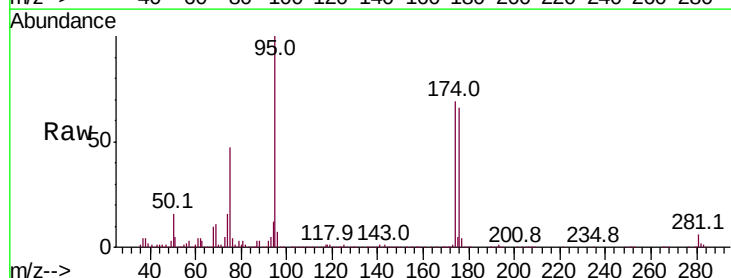
Tgt Ion: 95 Resp: 558575

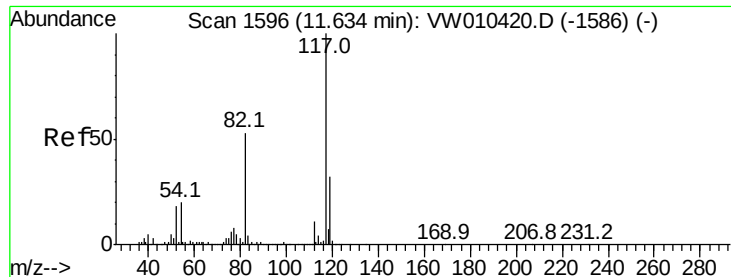
Ion Ratio Lower Upper

95 100

174 66.5 0.0 146.6

176 64.4 0.0 141.4

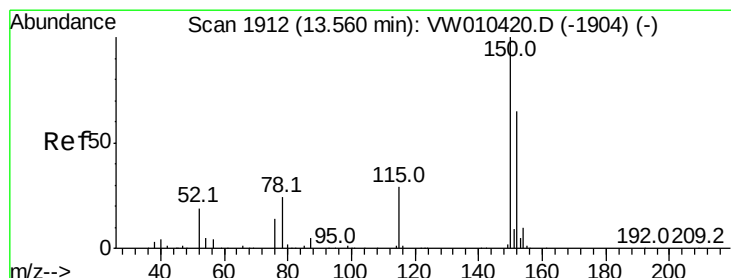
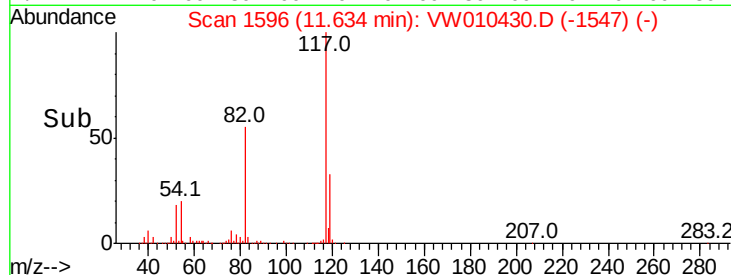
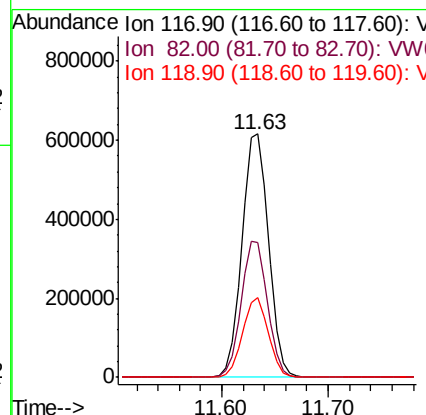
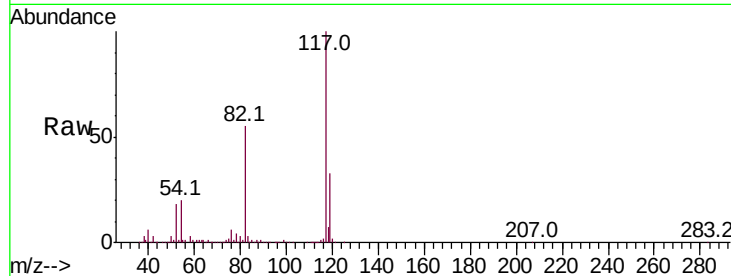




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010430.D
Acq: 18 May 2019 00:58

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB202-GW-398-400

Tot Ion:117 Resp: 1080601
Ion Ratio Lower Upper
117 100
82 55.3 42.1 63.1
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010430.D
Acq: 18 May 2019 00:58

Tgt Ion:152 Resp: 456319
Ion Ratio Lower Upper
152 100
115 63.5 30.0 90.1
150 156.5 0.0 350.2

