

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013226.D
 Acq On : 23 Sep 2019 13:03
 Operator : SY/VA
 Sample : K4997-02
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-08-091919

Quant Time: Sep 24 07:02:06 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	332434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130189	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	7.88	113	136018	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.32	98	563257	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	162445	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	

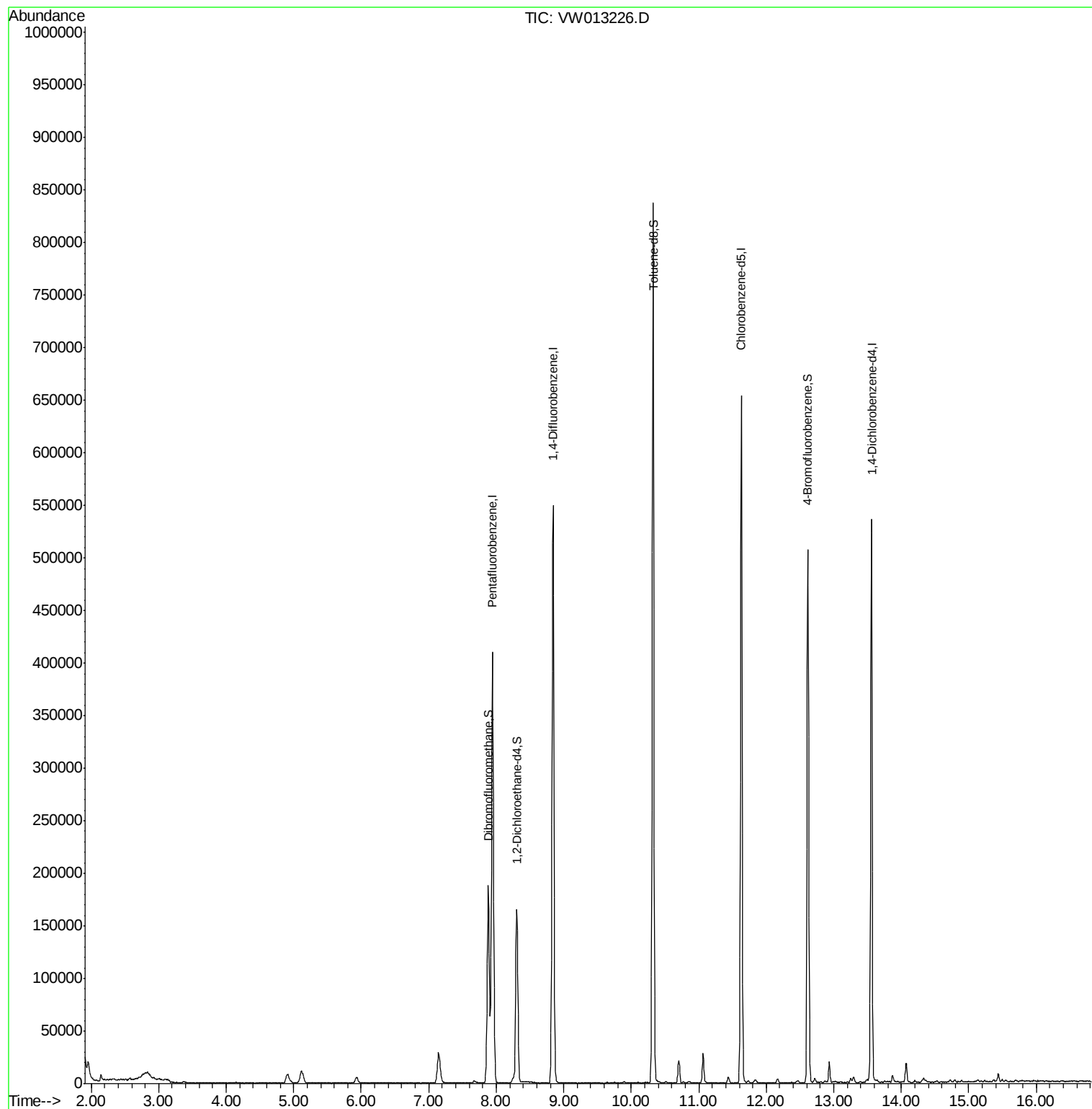
Target Compounds	Qvalue
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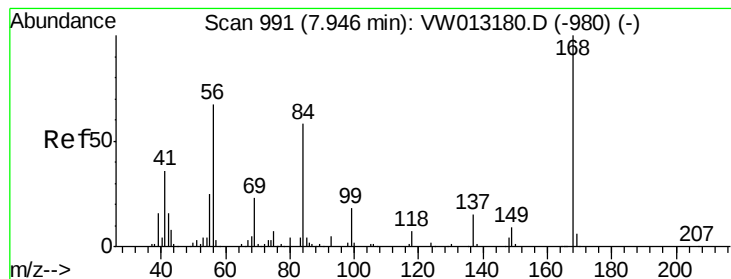
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

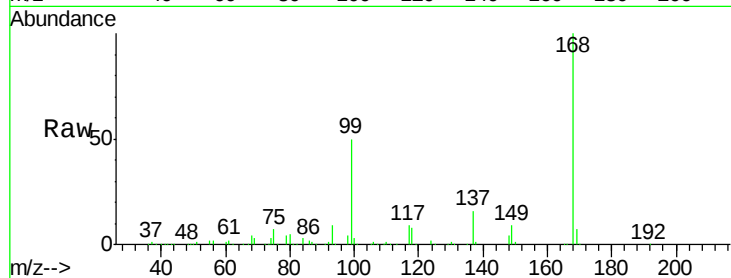
WC-08-091919

Tot Ion:168 Resp: 332434

Ion Ratio Lower Upper

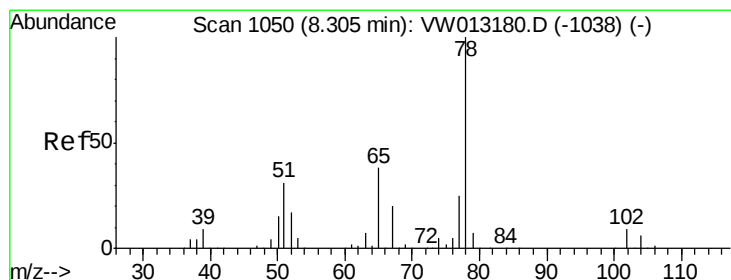
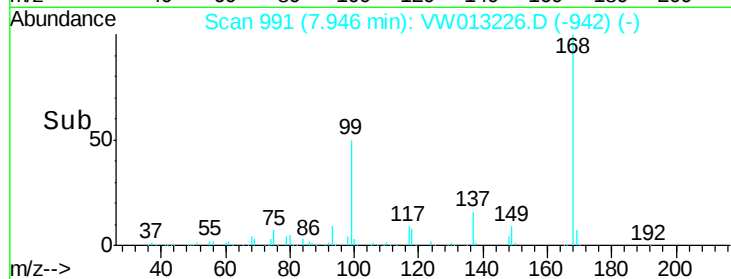
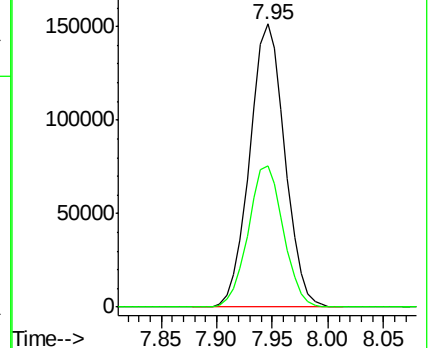
168 100

99 50.1 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: 47.984 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013226.D

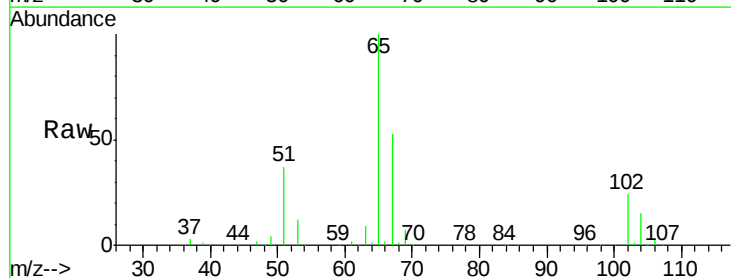
Acq: 23 Sep 2019 13:03

Tgt Ion: 65 Resp: 130189

Ion Ratio Lower Upper

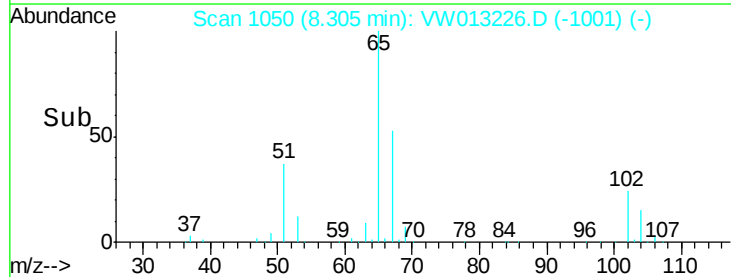
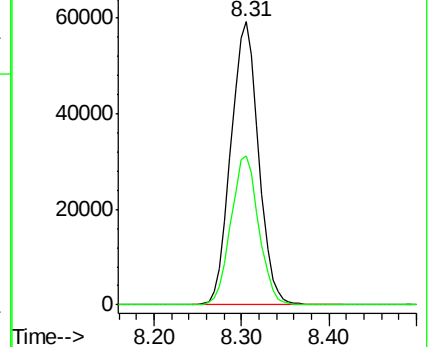
65 100

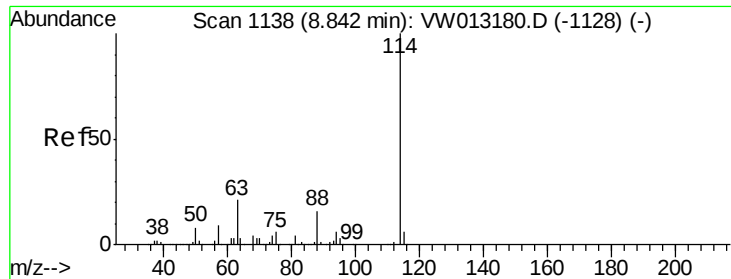
67 53.1 0.0 106.2



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: VW013226.D

Acq: 23 Sep 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

WC-08-091919

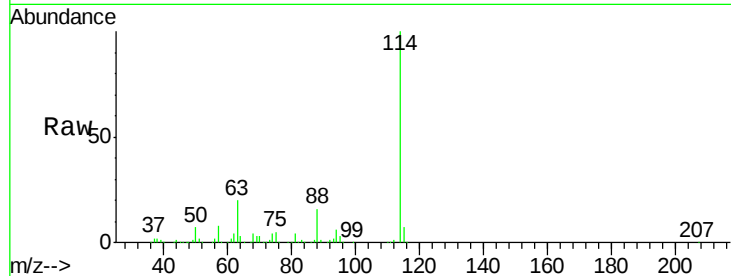
Tot Ion:114 Resp: 490013

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

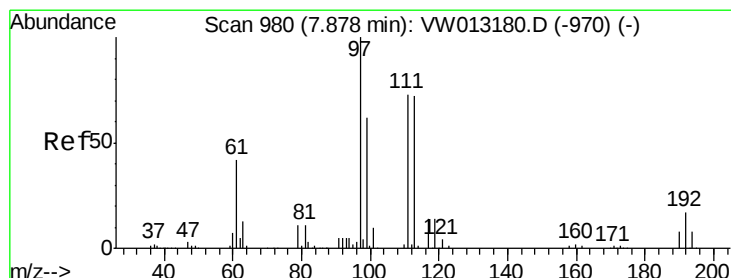
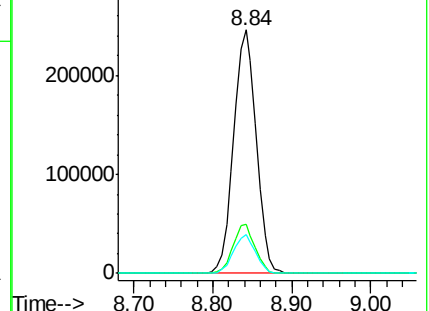
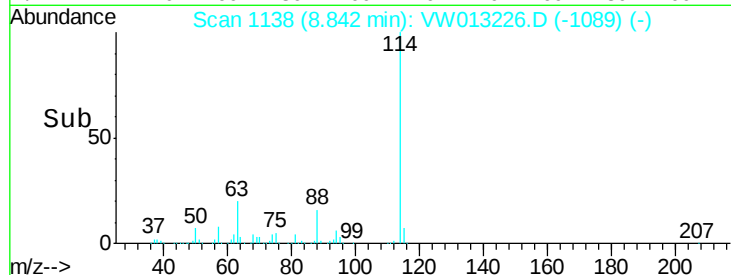
88 16.1 0.0 32.0



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: 50.469 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013226.D

Acq: 23 Sep 2019 13:03

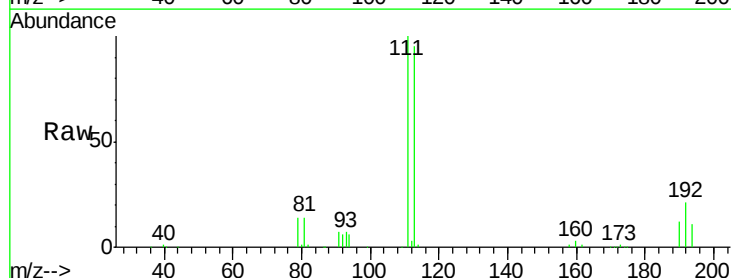
Tgt Ion:113 Resp: 136018

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

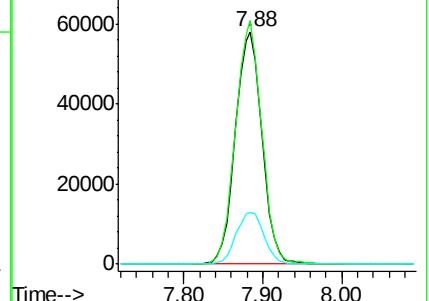
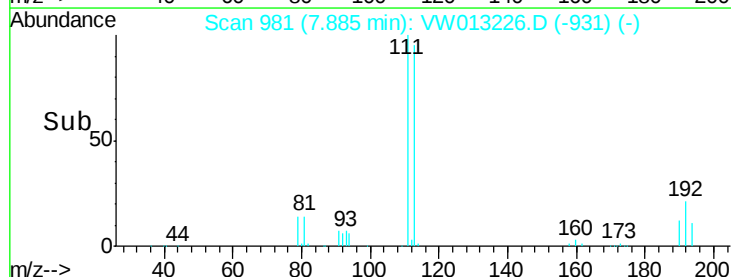
192 23.5 19.1 28.7

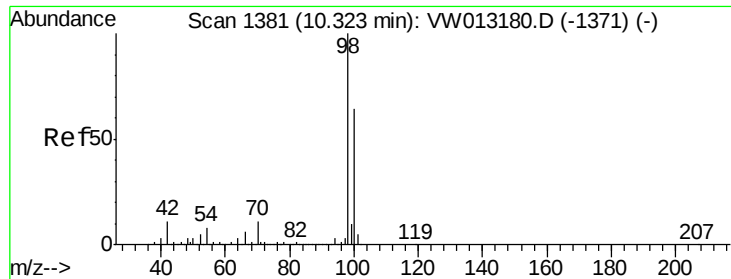


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

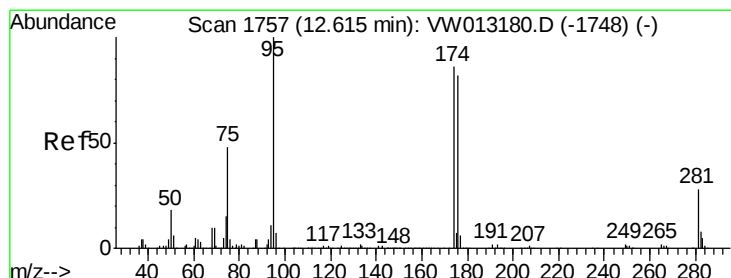
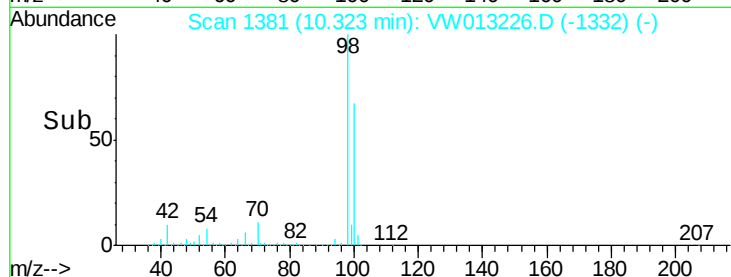
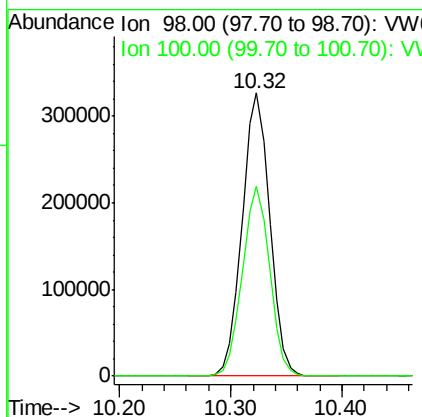
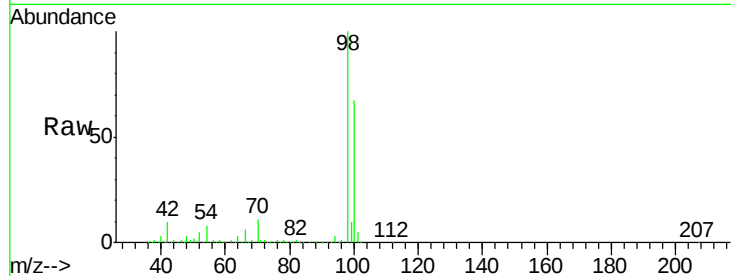




#50
Toluene-d8
Concen: 49.938 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013226.D
Acq: 23 Sep 2019 13:03

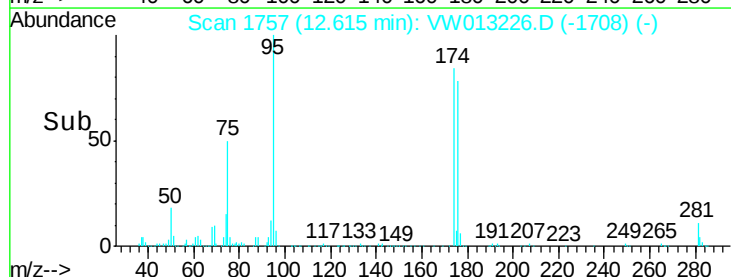
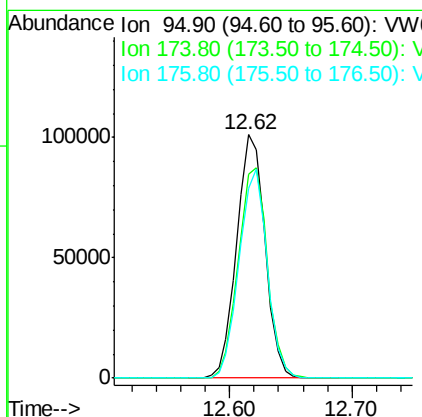
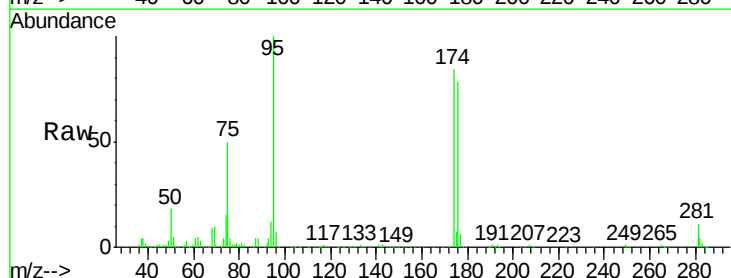
Instrument :
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WC-08-091919

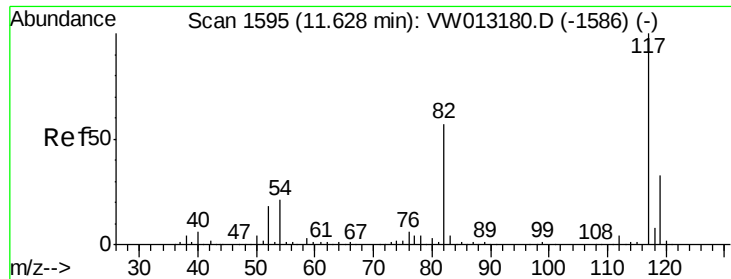
Tot Ion: 98 Resp: 563257
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 42.162 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013226.D
Acq: 23 Sep 2019 13:03

Tgt Ion: 95 Resp: 162445
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.4
176 85.0 0.0 172.2

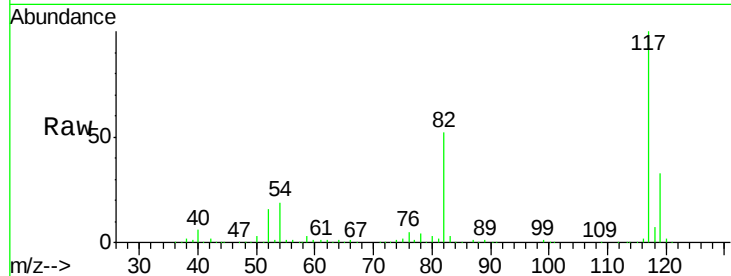




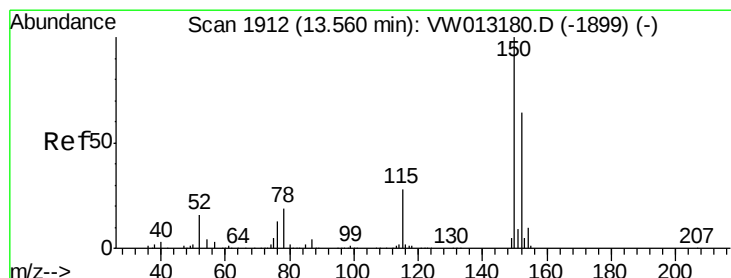
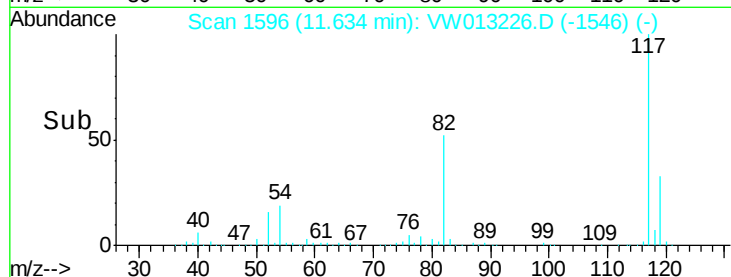
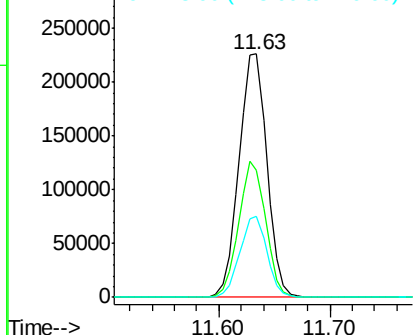
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013226.D
Acq: 23 Sep 2019 13:03

Instrument :
MSVOA_W
ClientSampleId :
WC-08-091919

Tot Ion:117 Resp: 393906
Ion Ratio Lower Upper
117 100
82 52.4 45.9 68.9
119 33.4 26.2 39.2

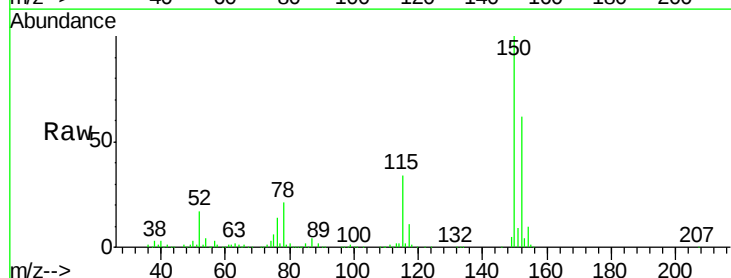


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013226.D
Acq: 23 Sep 2019 13:03

Tgt Ion:152 Resp: 151721
Ion Ratio Lower Upper
152 100
115 55.6 27.3 81.9
150 158.7 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

