

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013326.D
 Acq On : 30 Sep 2019 12:05
 Operator : SY/VA
 Sample : VW0930SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL01

Quant Time: Sep 30 17:44:26 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	328054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130564	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	7.88	113	133735	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.32	98	554747	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.62	95	178623	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	

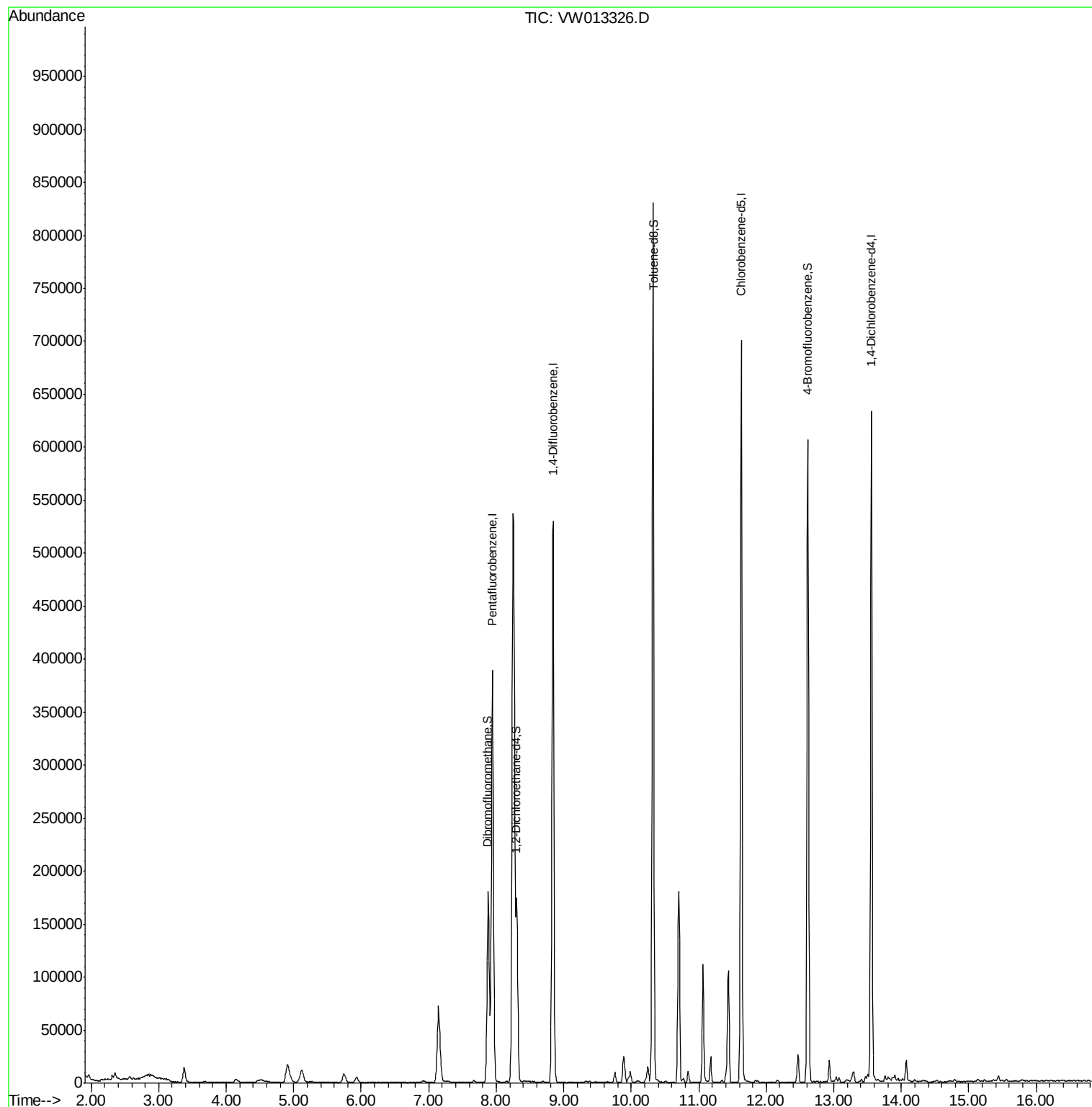
Target Compounds	Qvalue
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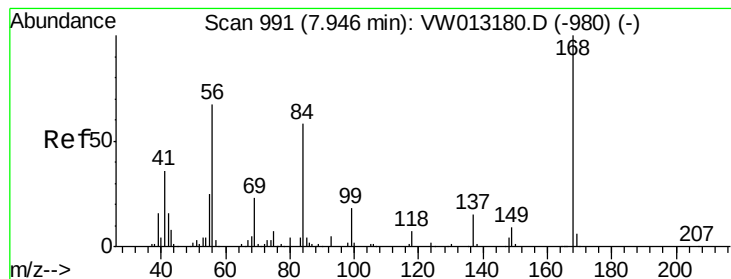
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013326.D

Acq: 30 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

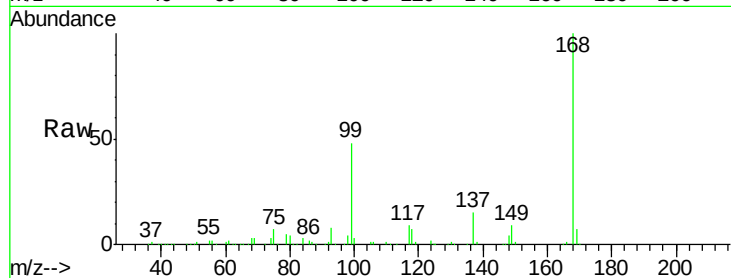
VW0930SBL01

Tot Ion:168 Resp: 328054

Ion Ratio Lower Upper

168 100

99 48.1 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

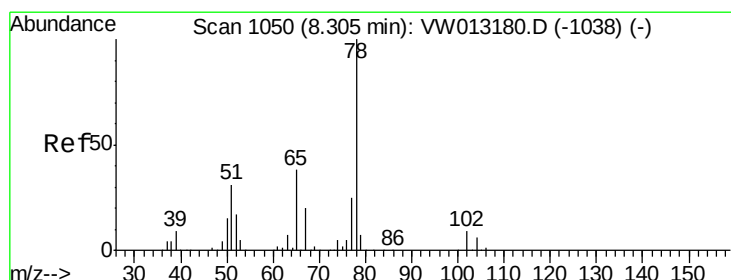
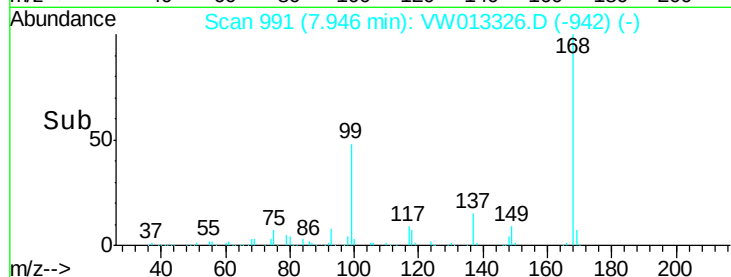
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.765 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013326.D

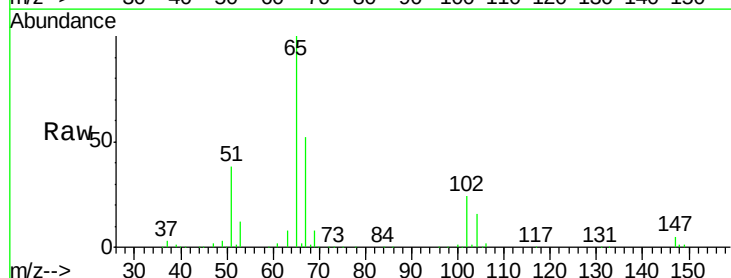
Acq: 30 Sep 2019 12:05

Tgt Ion: 65 Resp: 130564

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

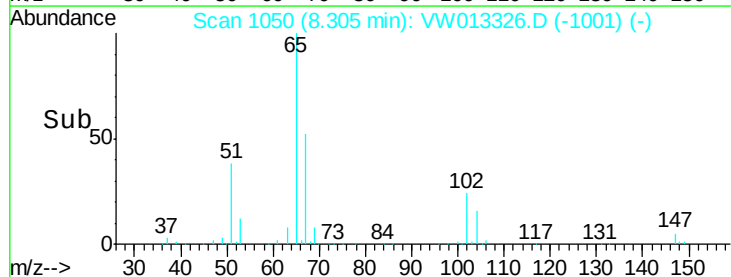
60000

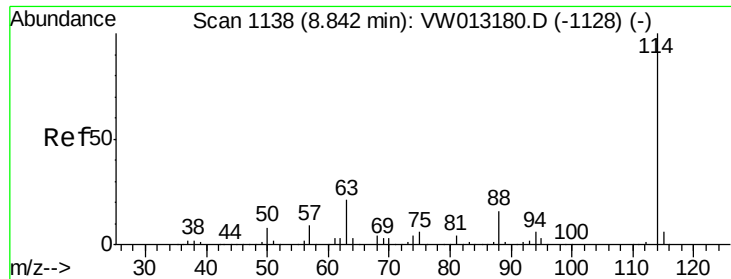
40000

20000

0

Time--> 8.20 8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013326.D

Acq: 30 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0930SBL01

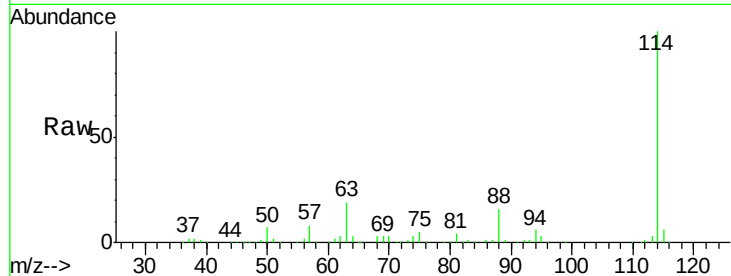
Tot Ion:114 Resp: 483385

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

88 16.1 0.0 32.0



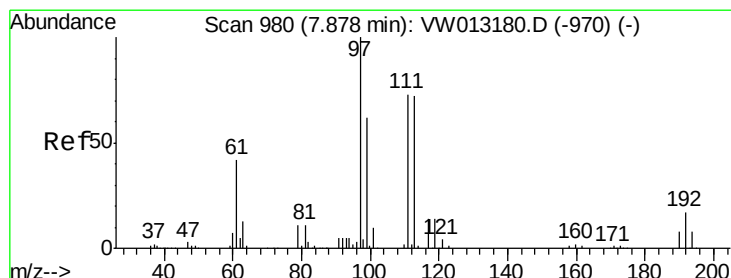
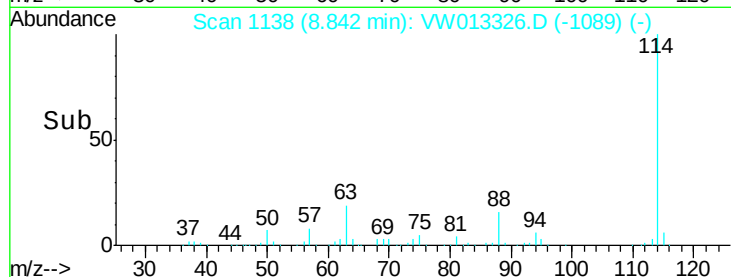
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time--> 8.70 8.80 8.90



#35

Dibromofluoromethane

Concen: 50.302 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013326.D

Acq: 30 Sep 2019 12:05

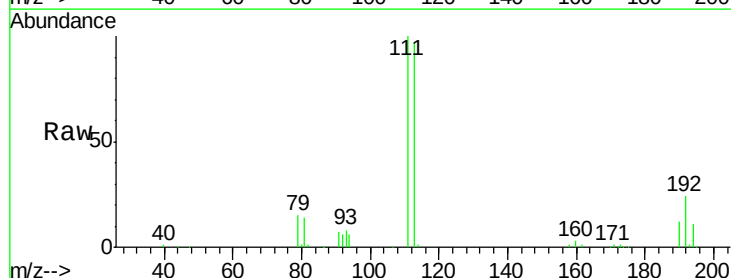
Tgt Ion:113 Resp: 133735

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 24.0 19.1 28.7



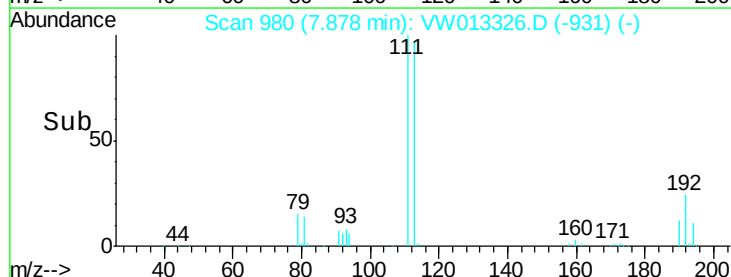
Abundance Ion 112.80 (112.50 to 113.50): V

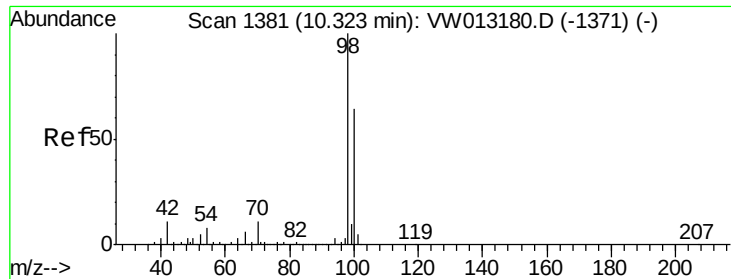
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

Time--> 7.80 7.90 8.00

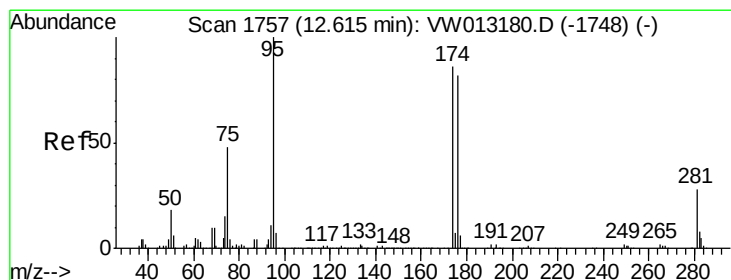
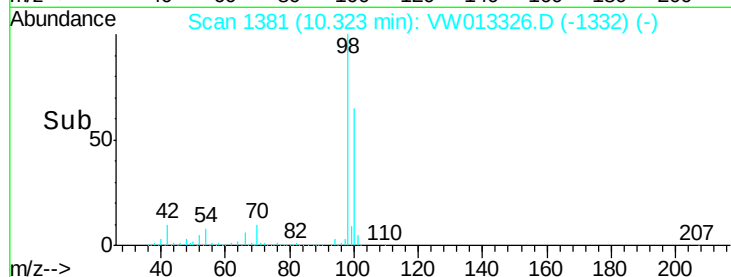
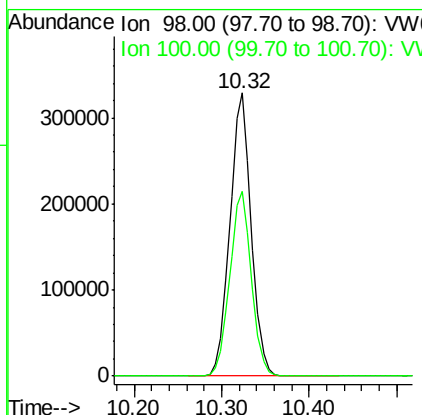
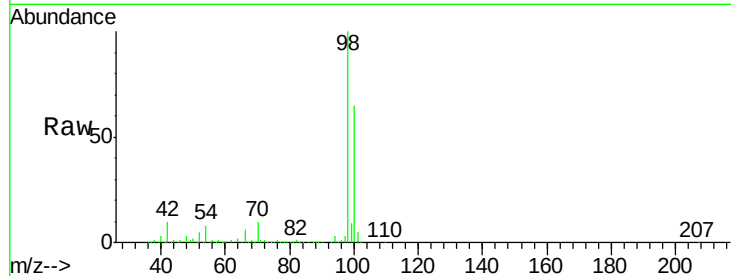




#50
Toluene-d8
Concen: 49.858 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

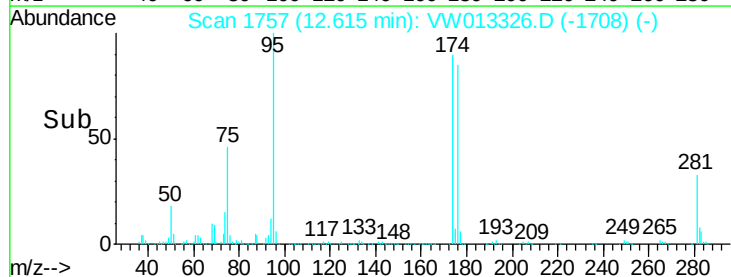
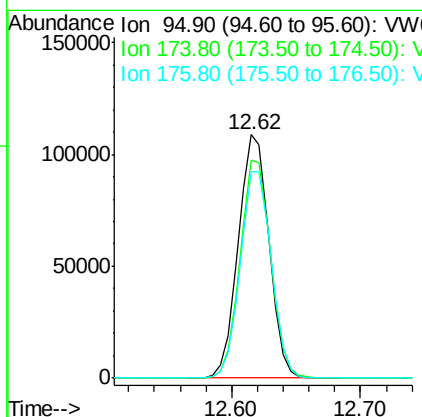
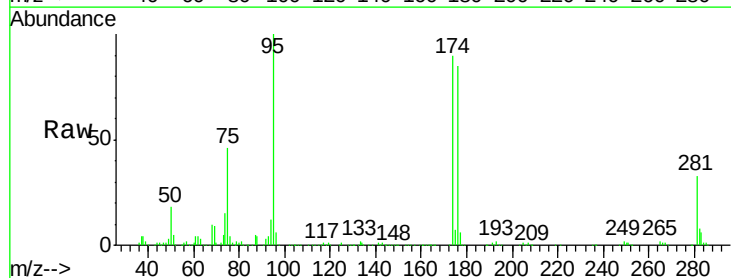
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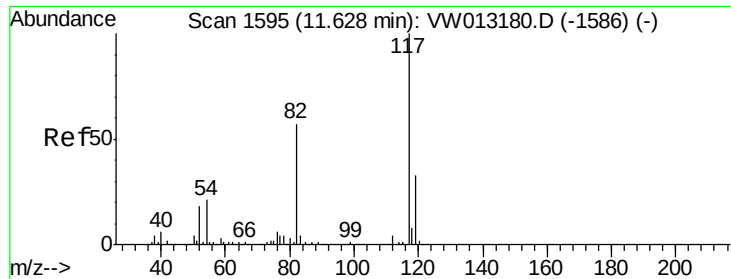
Tot Ion: 98 Resp: 554747
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.997 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

Tgt Ion: 95 Resp: 178623
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.4
176 86.1 0.0 172.2

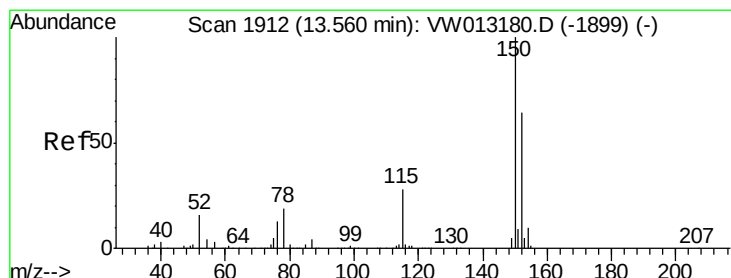
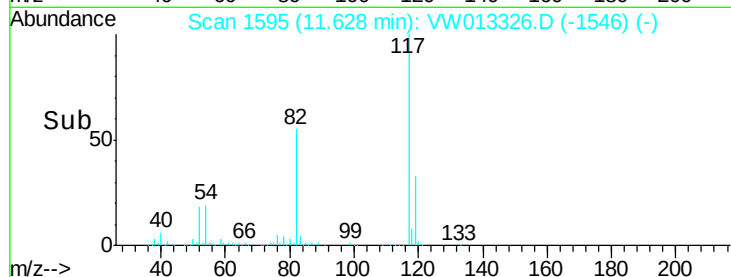
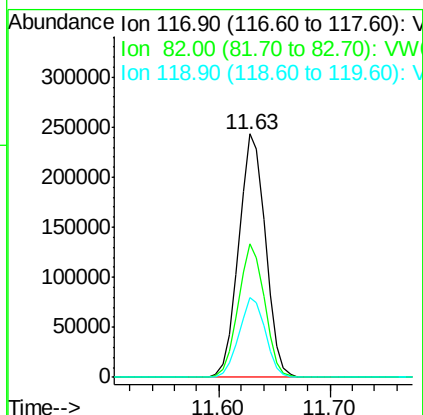
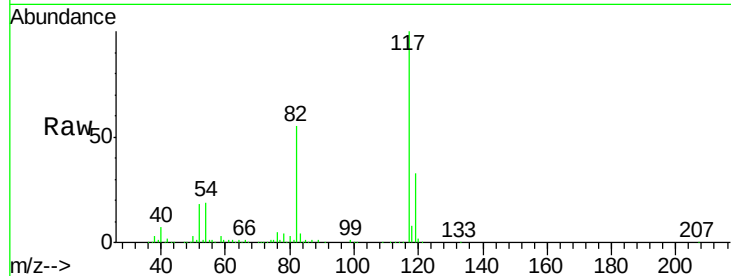




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL01

Tot Ion:117 Resp: 404613
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013326.D
Acq: 30 Sep 2019 12:05

Tgt Ion:152 Resp: 184678
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 156.3 0.0 349.0

