

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011211.D
 Acq On : 11 Jul 2019 01:24
 Operator : SY/VA
 Sample : K3751-03
 Misc : 6.52G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUCT-BANK-TEST-PIT

Quant Time: Jul 11 08:50:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

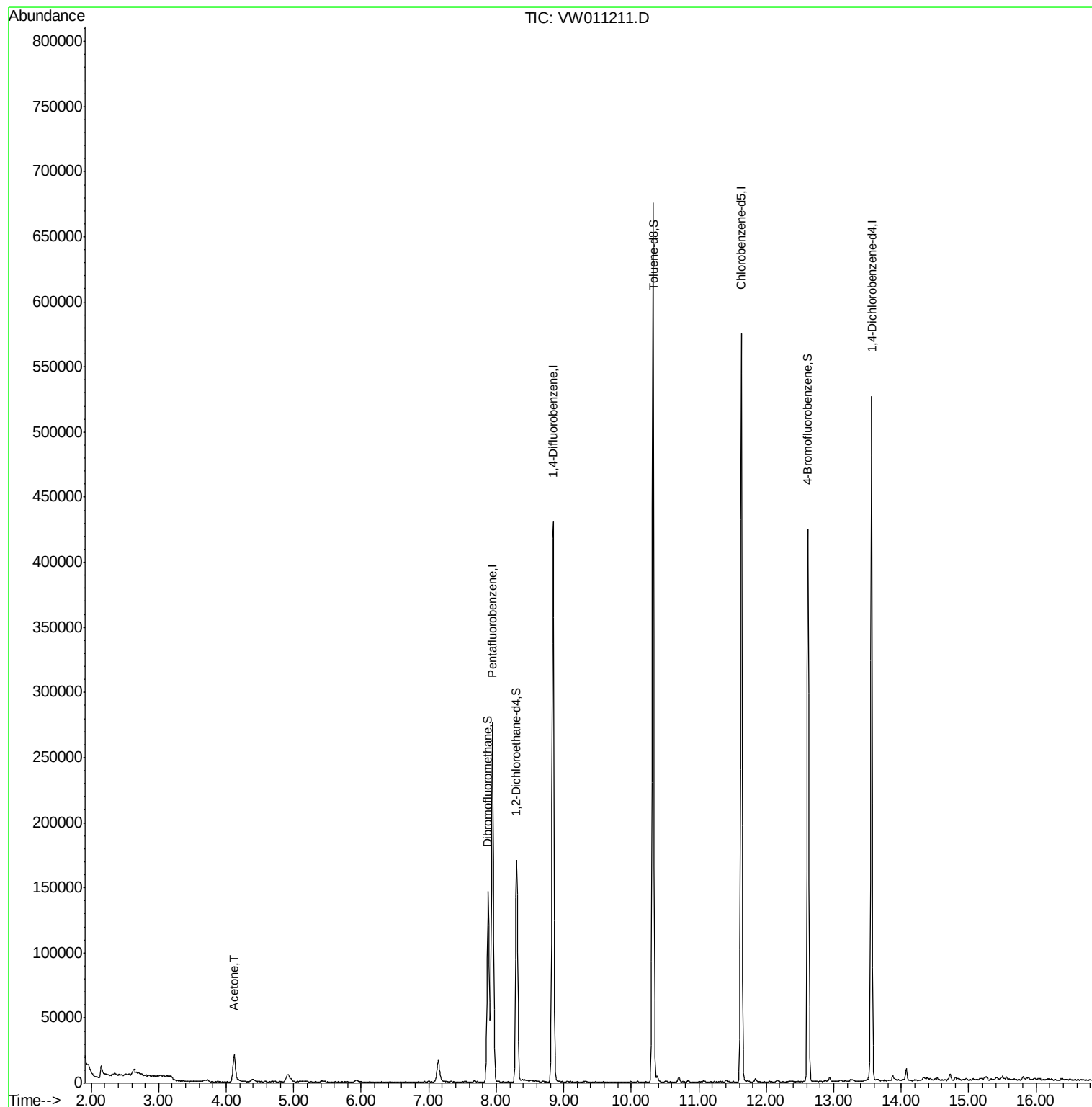
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136120	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	103285	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.32	98	424259	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	141103	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
16) Acetone	4.12	43	37851	63.691	ug/l	Qvalue 95

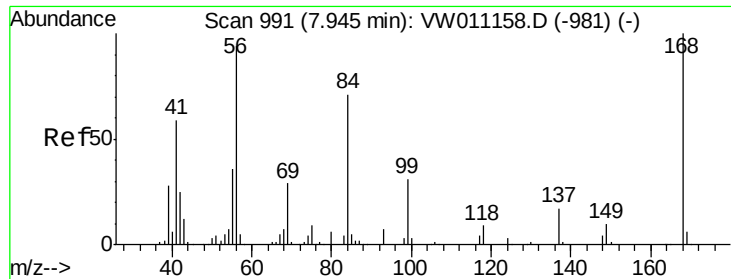
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011211.D

Acq: 11 Jul 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

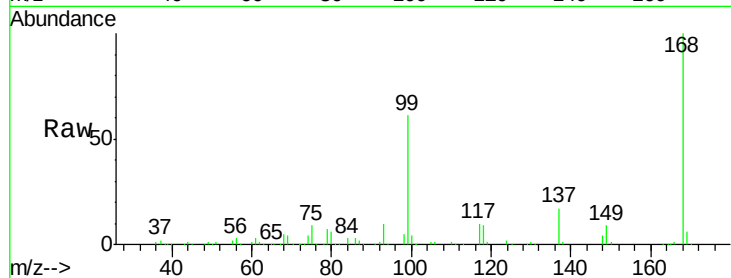
DUCT-BANK-TEST-PIT

Tot Ion:168 Resp: 196567

Ion Ratio Lower Upper

168 100

99 60.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

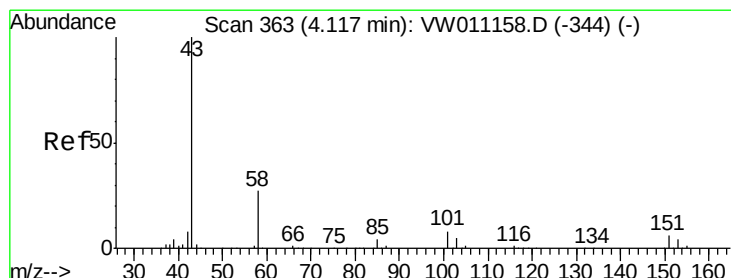
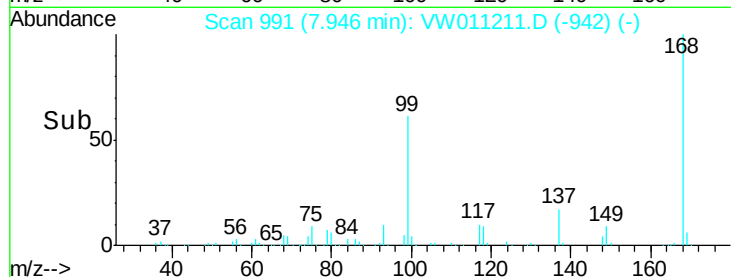
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 63.691 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011211.D

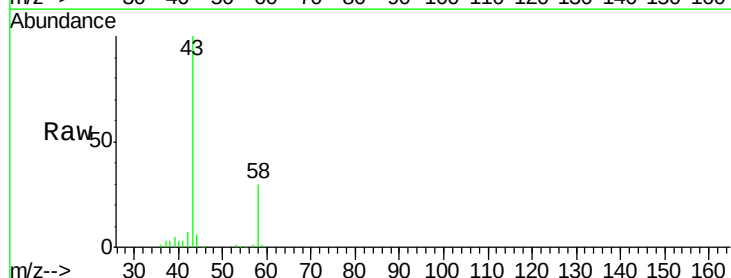
Acq: 11 Jul 2019 01:24

Tgt Ion: 43 Resp: 37851

Ion Ratio Lower Upper

43 100

58 29.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

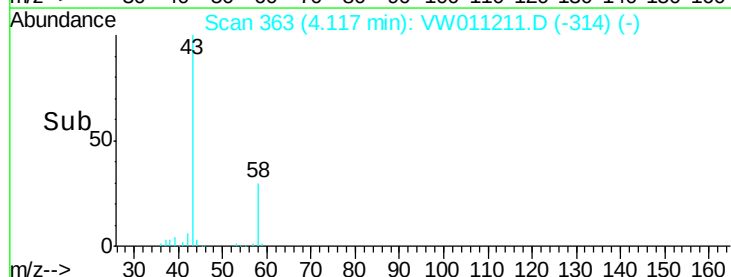
15000

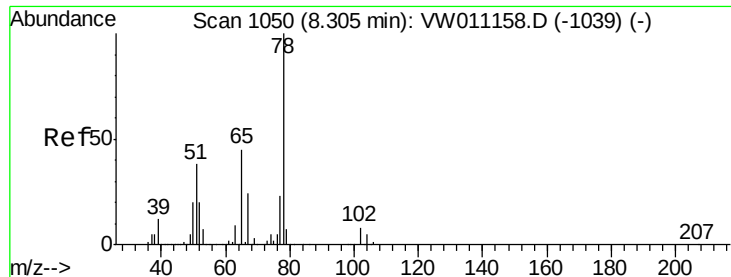
10000

5000

0

Time--> 4.00 4.10 4.20

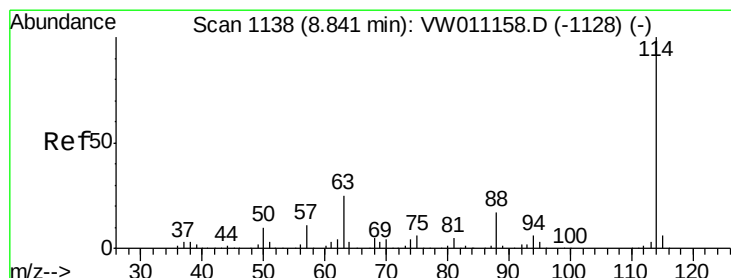
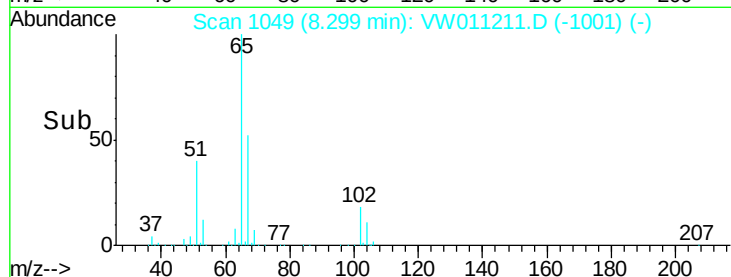
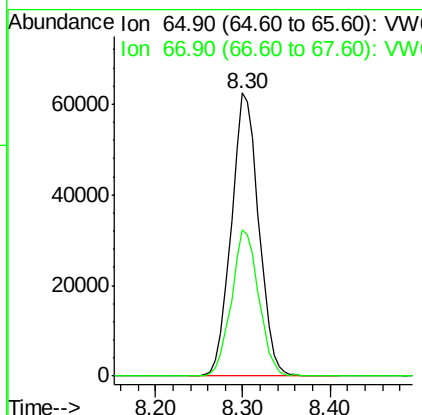
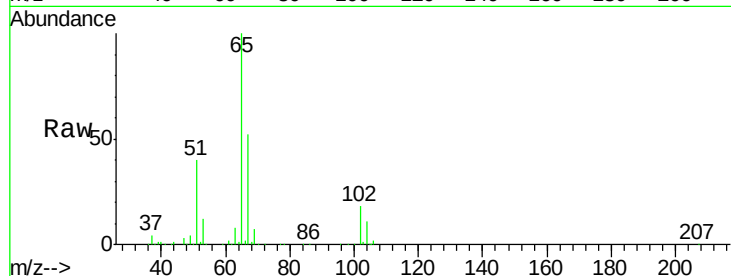




#33
 1,2-Dichloroethane-d4
 Concen: 55.111 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011211.D
 Acq: 11 Jul 2019 01:24

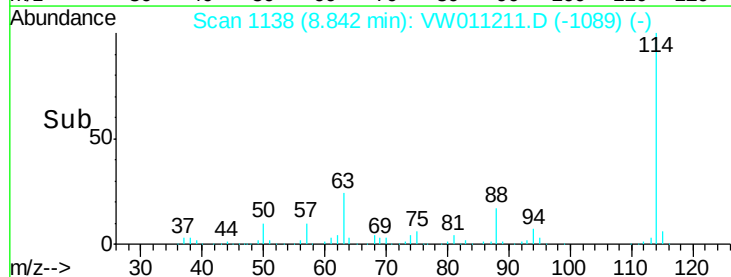
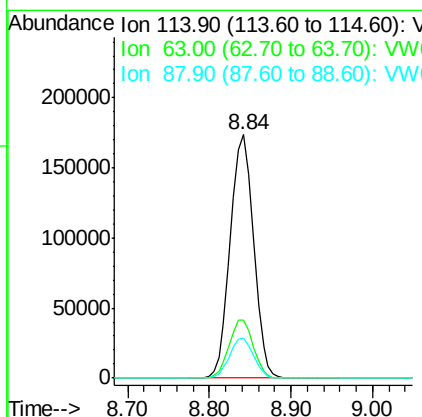
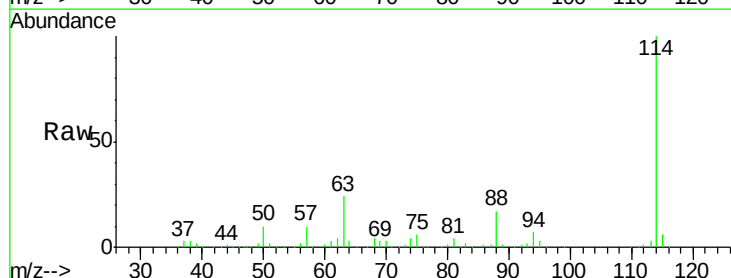
Instrument :
 MSVOA_W
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 DUCT-BANK-TEST-PIT

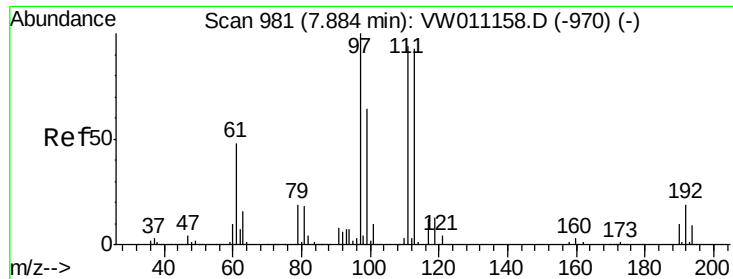
Tot Ion: 65 Resp: 136120
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011211.D
 Acq: 11 Jul 2019 01:24

Tgt Ion: 114 Resp: 342367
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 50.8
 88 16.6 0.0 34.2

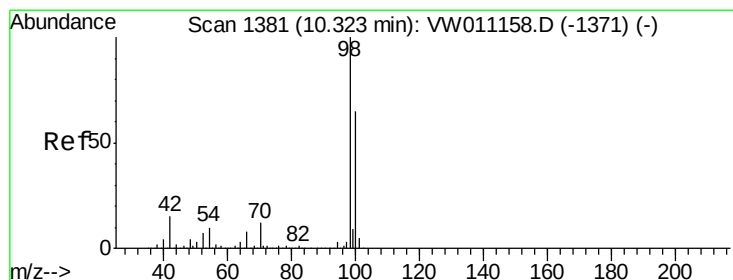
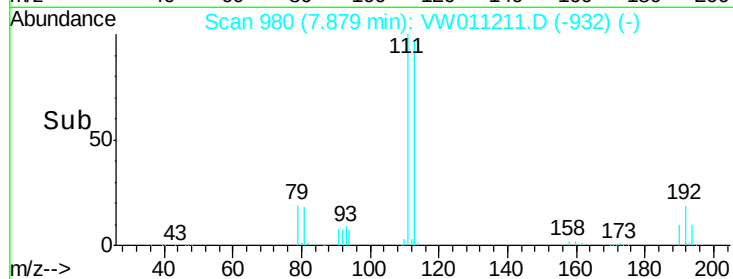
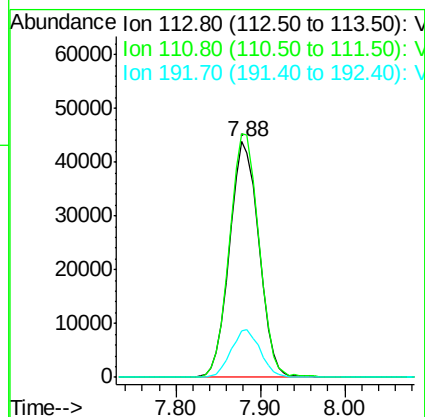
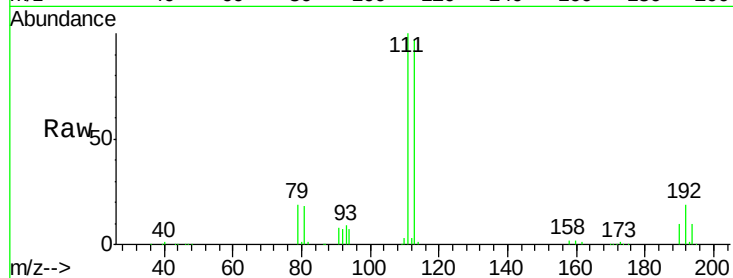




#35
Dibromofluoromethane
Concen: 50.614 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011211.D
Acq: 11 Jul 2019 01:24

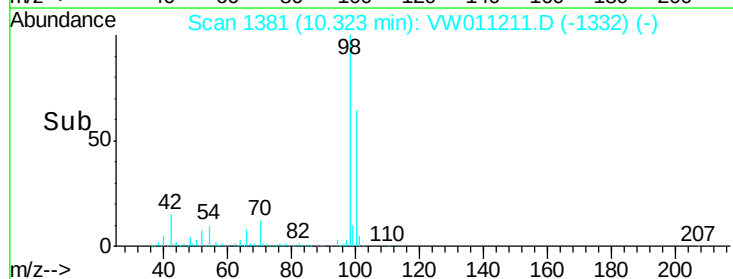
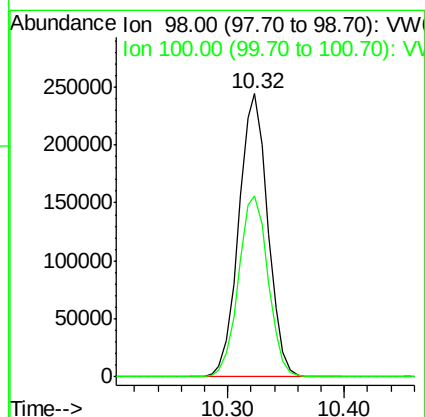
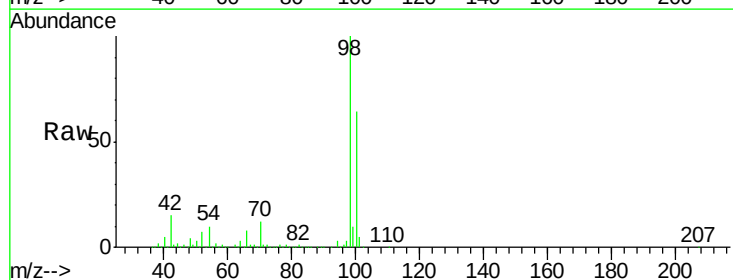
Instrument :
MSVOA_W
ClientSampleId :
DUCT-BANK-TEST-PIT

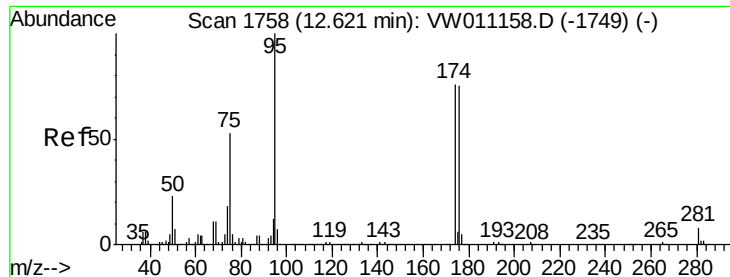
Tot Ion:113 Resp: 103285
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 20.0 15.8 23.8



#50
Toluene-d8
Concen: 51.434 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011211.D
Acq: 11 Jul 2019 01:24

Tgt Ion: 98 Resp: 424259
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 46.670 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011211.D

Acq: 11 Jul 2019 01:24

Instrument :

MSVOA_W

ClientSampleId :

DUCT-BANK-TEST-PIT

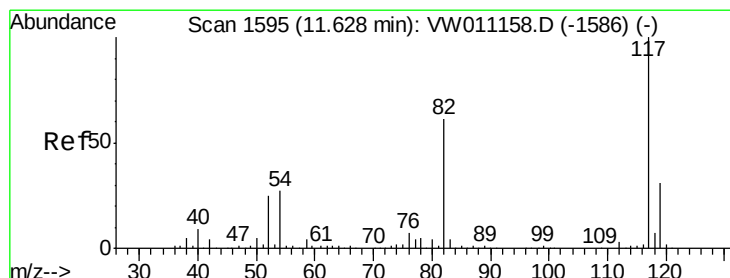
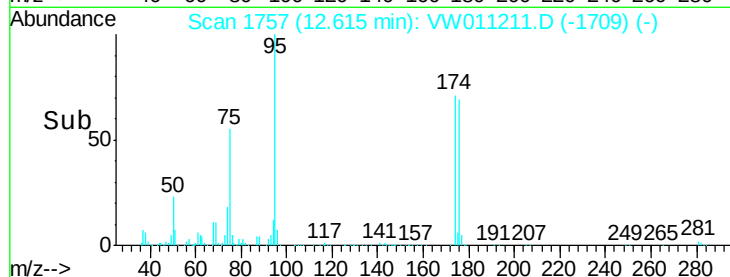
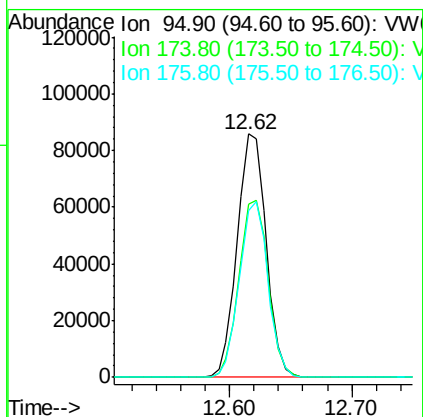
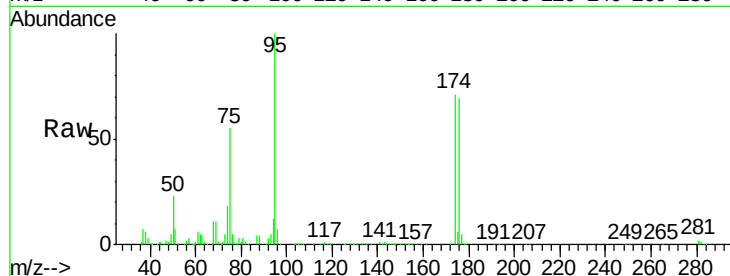
Tot Ion: 95 Resp: 141103

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.6

176 71.6 0.0 144.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011211.D

Acq: 11 Jul 2019 01:24

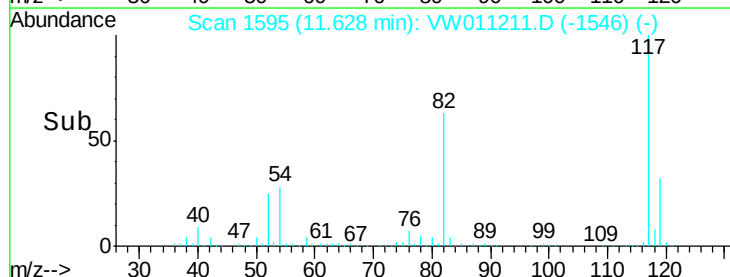
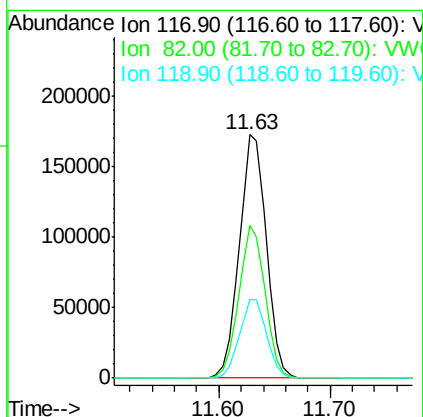
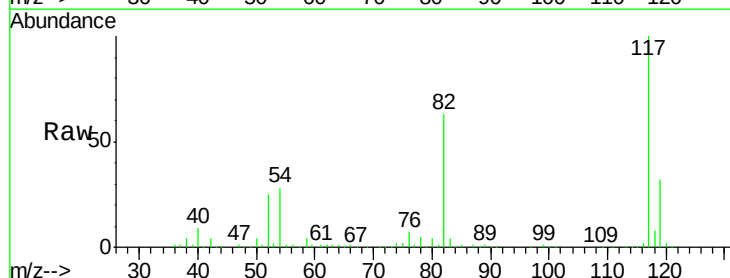
Tgt Ion: 117 Resp: 290307

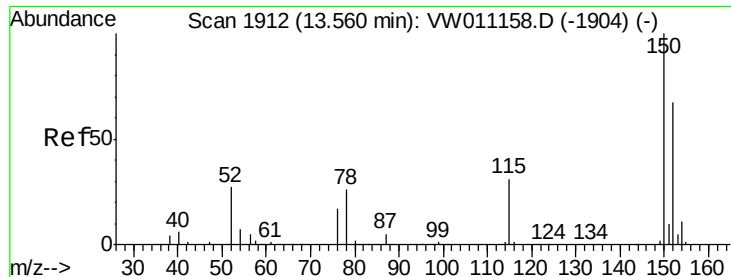
Ion Ratio Lower Upper

117 100

82 62.5 48.9 73.3

119 32.0 25.0 37.6

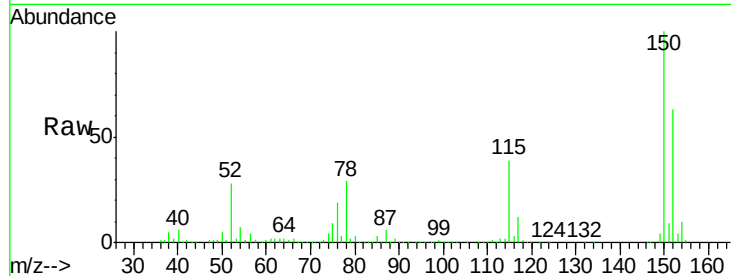




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW011211.D
 Acq: 11 Jul 2019 01:24

Instrument :
 MSVOA_W
 ClientSampleId :
 DUCT-BANK-TEST-PIT

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.3
150	158.3	0.0	346.0



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

