

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011216.D
 Acq On : 11 Jul 2019 03:38
 Operator : SY/VA
 Sample : K3621-03
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-071019-B

Quant Time: Jul 11 09:10:48 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

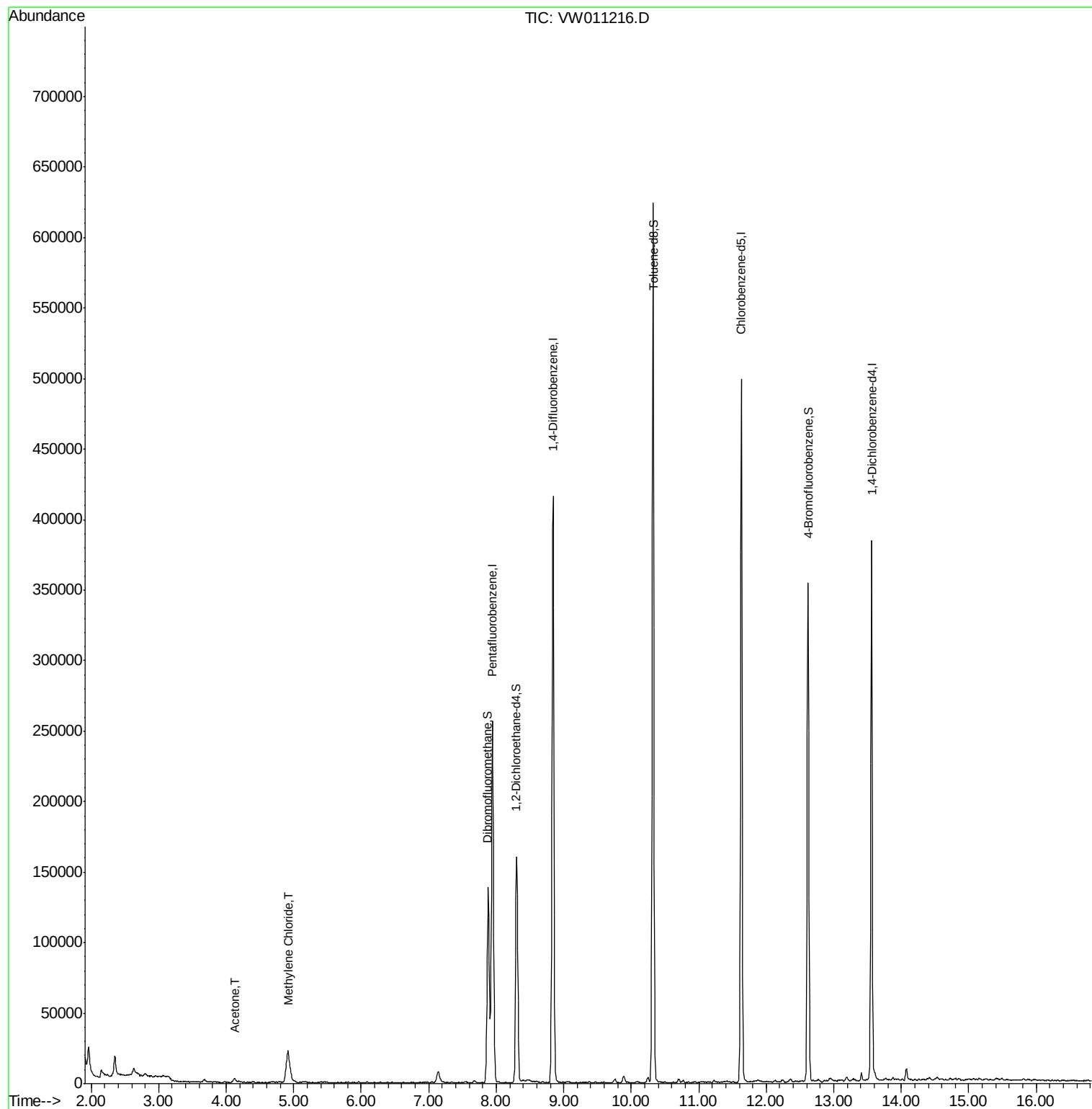
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	90328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	127918	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
35) Dibromofluoromethane	7.88	113	98867	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	10.32	98	389088	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	114590	40.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.78%	
Target Compounds						
16) Acetone	4.12	43	5569	9.983	ug/l #	89
20) Methylene Chloride	4.92	84	18705	8.499	ug/l	93

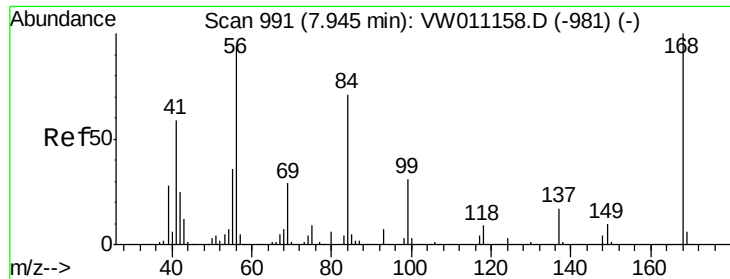
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011216.D

Acq: 11 Jul 2019 03:38

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MSVOA_W

ClientSampleId :

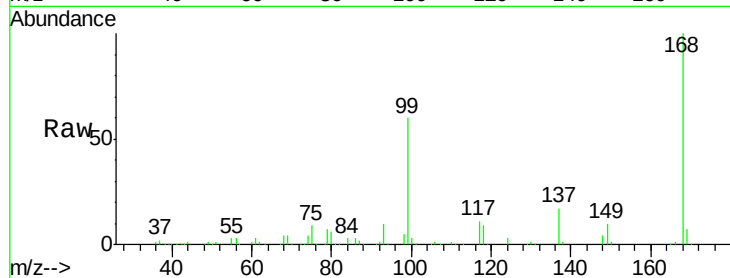
OK-03-071019-B

Tot Ion:168 Resp: 184517

Ion Ratio Lower Upper

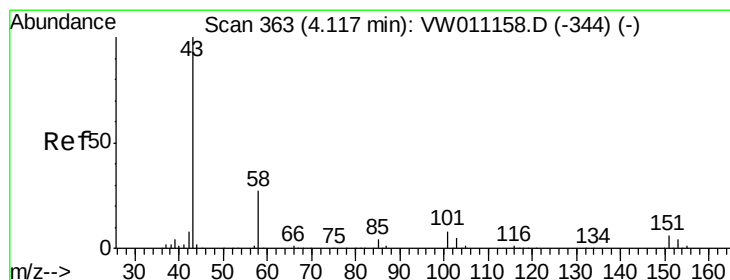
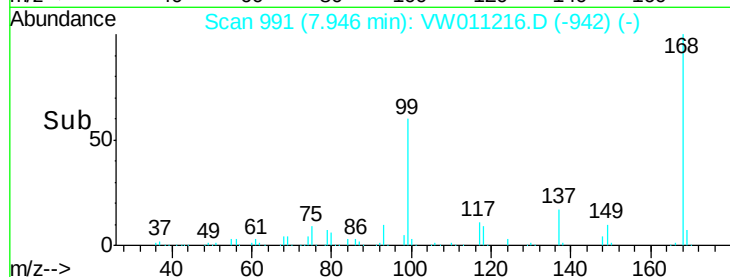
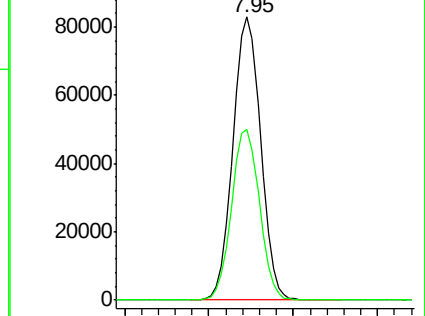
168 100

99 60.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.983 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011216.D

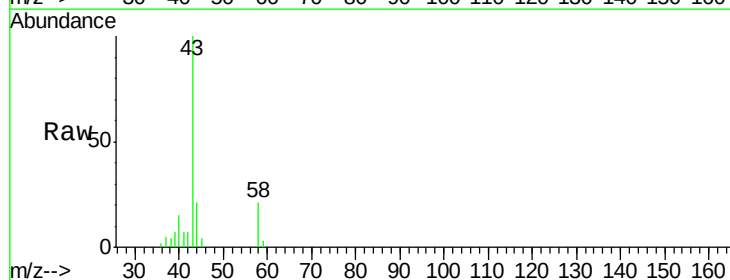
Acq: 11 Jul 2019 03:38

Tgt Ion: 43 Resp: 5569

Ion Ratio Lower Upper

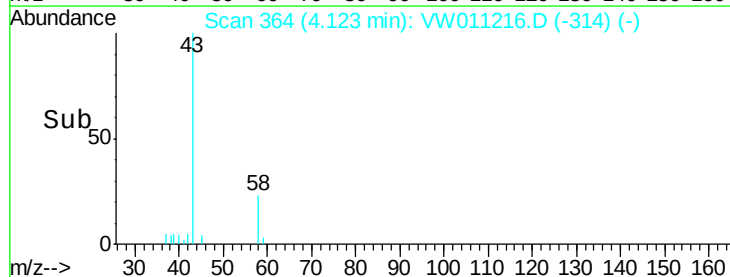
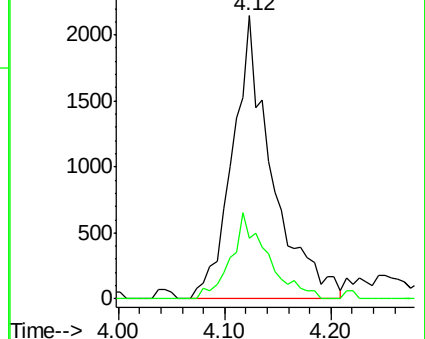
43 100

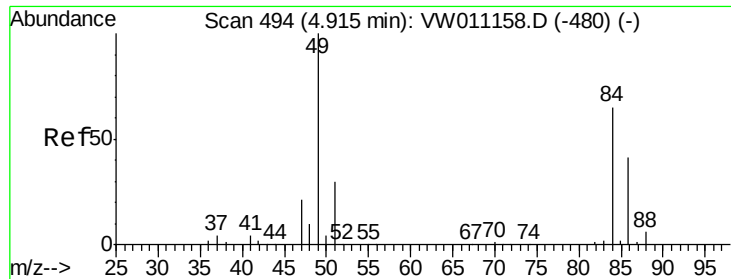
58 21.3 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

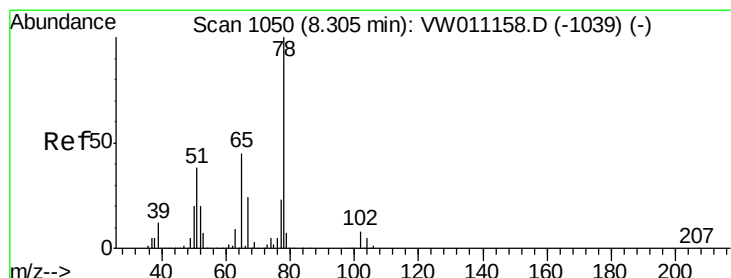
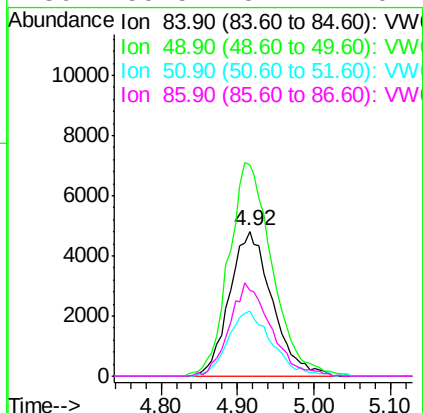
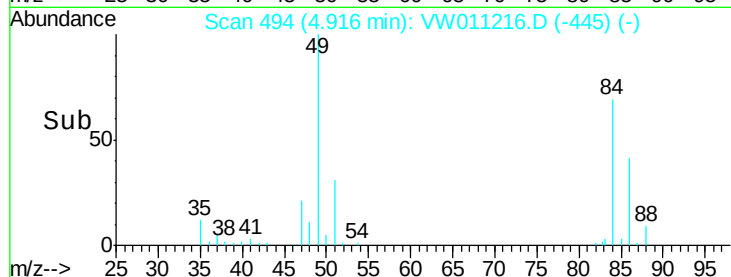
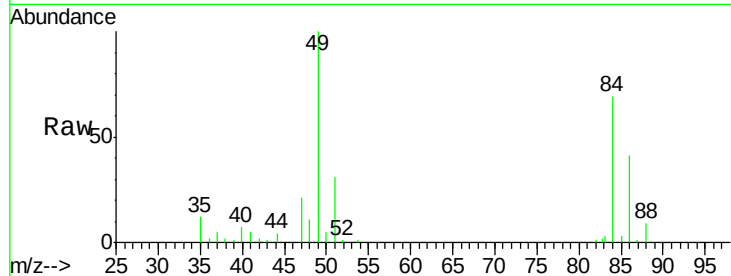




#20
Methylene Chloride
Concen: 8.499 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

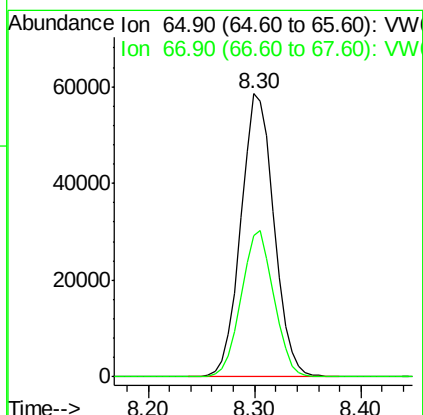
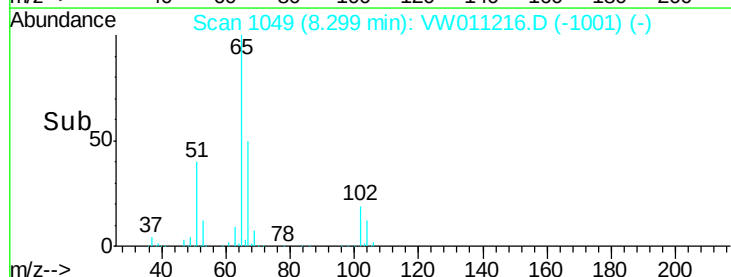
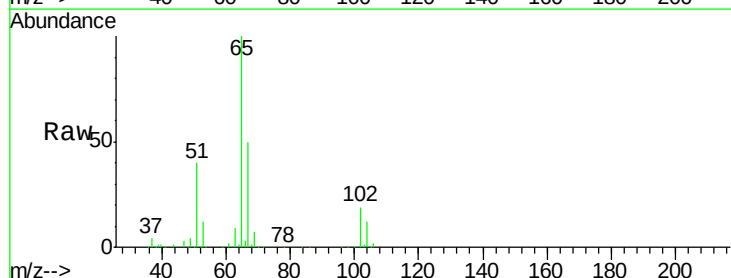
Instrument :
MSVOA_W
ClientSampled :
OK-03-071019-B

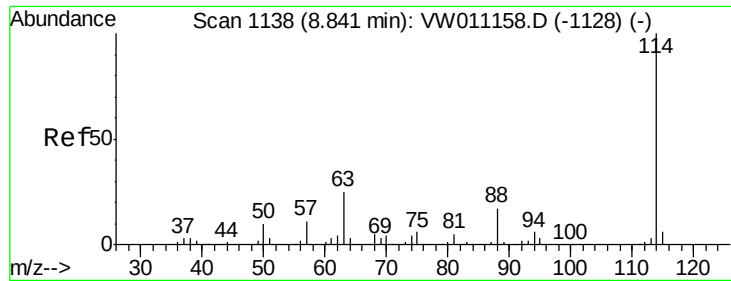
Tot Ion: 84 Resp: 18705
Ion Ratio Lower Upper
84 100
49 143.6 123.8 185.6
51 44.8 37.4 56.2
86 59.5 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 55.172 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011216.D
Acq: 11 Jul 2019 03:38

Tgt Ion: 65 Resp: 127918
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4

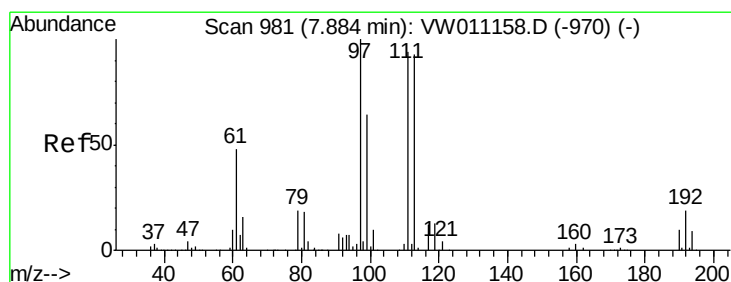
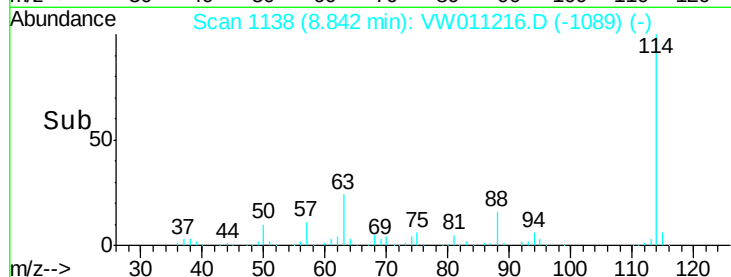
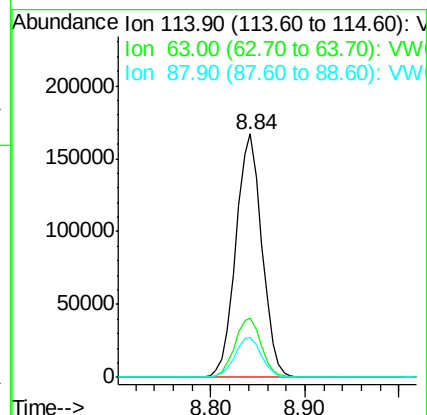
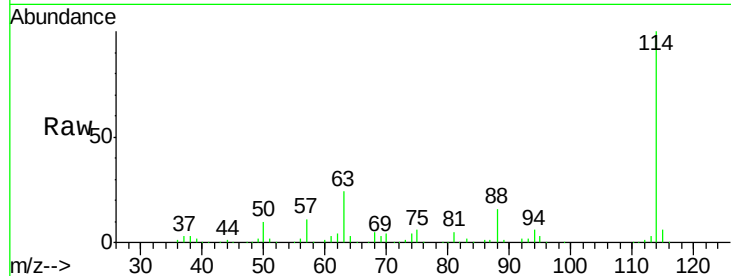




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011216.D
 Acq: 11 Jul 2019 03:38

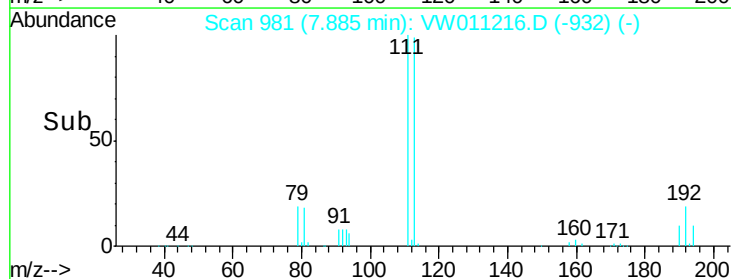
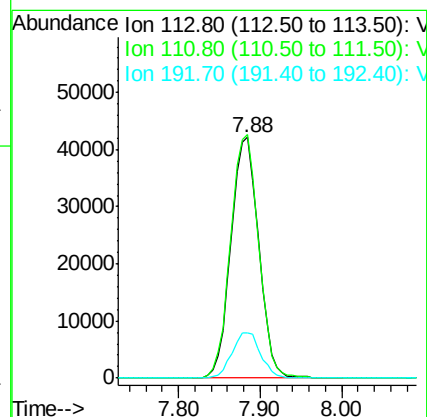
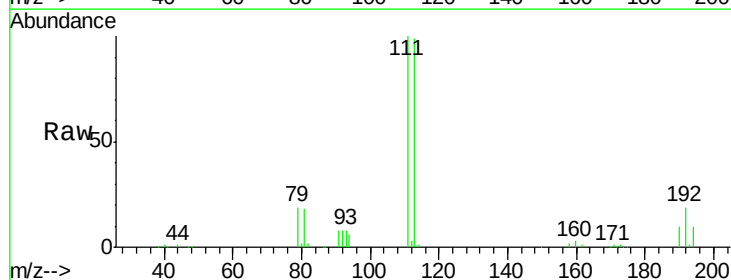
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-071019-B

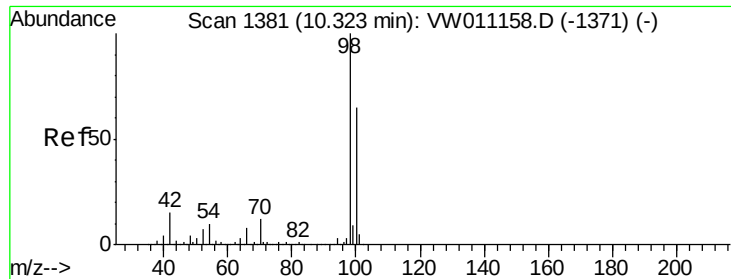
Tot Ion:114 Resp: 321240
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.8
 88 16.2 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 51.635 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011216.D
 Acq: 11 Jul 2019 03:38

Tgt Ion:113 Resp: 98867
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 19.4 15.8 23.8





#50

Toluene-d8

Concen: 50.272 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011216.D

Acq: 11 Jul 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

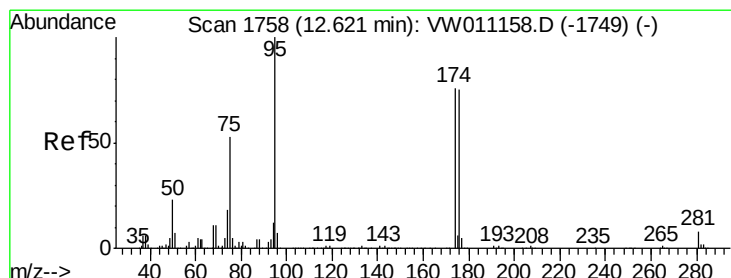
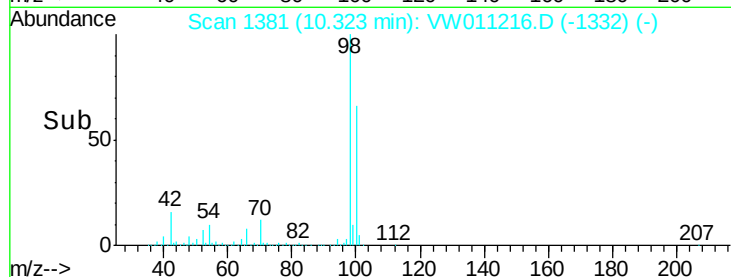
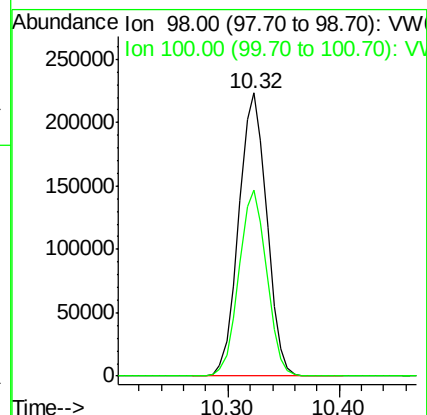
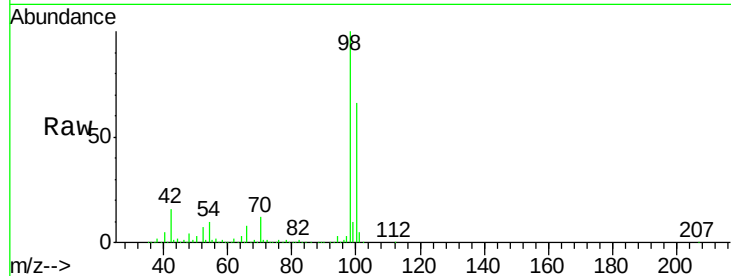
OK-03-071019-B

Tot Ion: 98 Resp: 389088

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 40.393 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011216.D

Acq: 11 Jul 2019 03:38

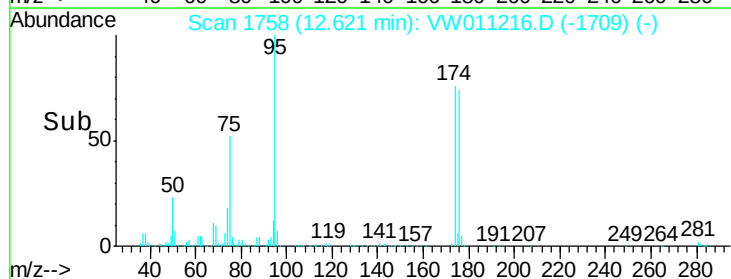
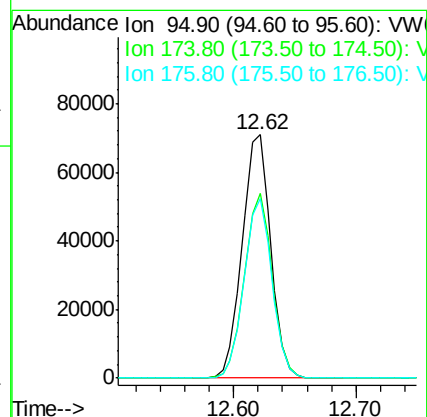
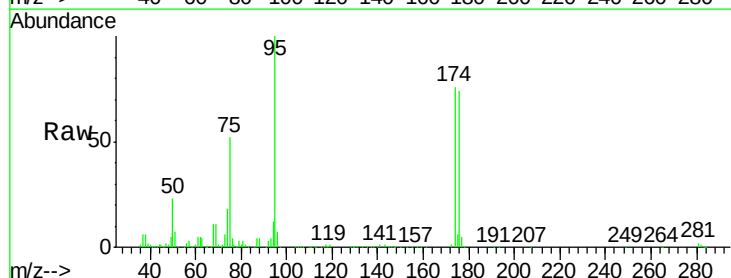
Tgt Ion: 95 Resp: 114590

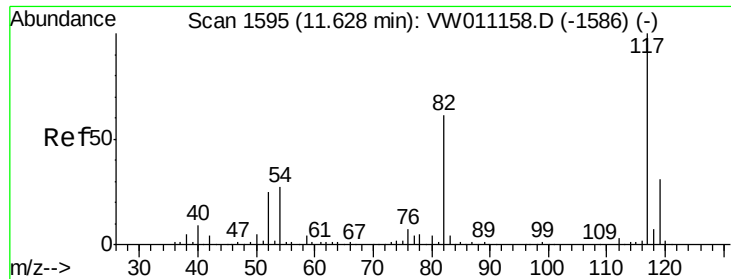
Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.6

176 72.1 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: VW011216.D

Acq: 11 Jul 2019 03:38

Instrument :

MSVOA_W

ClientSampleId :

OK-03-071019-B

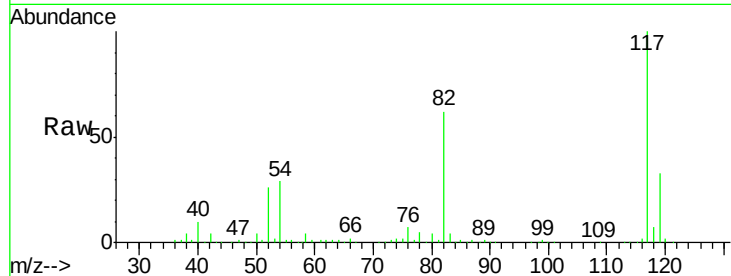
Tot Ion:117 Resp: 253676

Ion Ratio Lower Upper

117 100

82 62.3 48.9 73.3

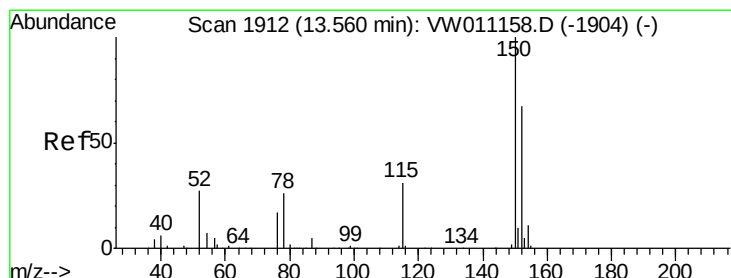
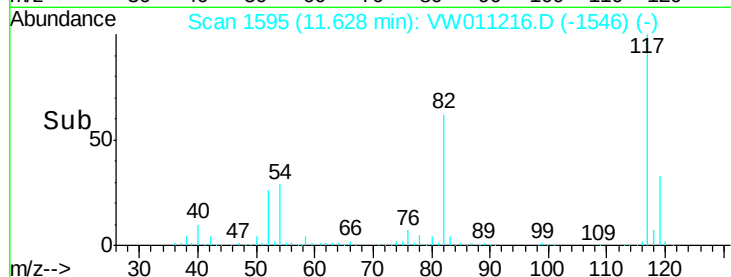
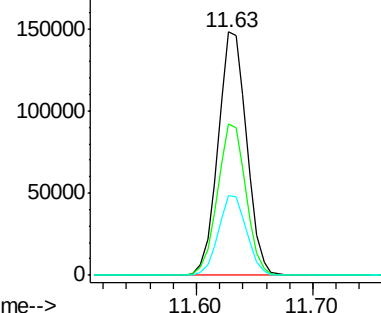
119 32.8 25.0 37.6



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: VW011216.D

Acq: 11 Jul 2019 03:38

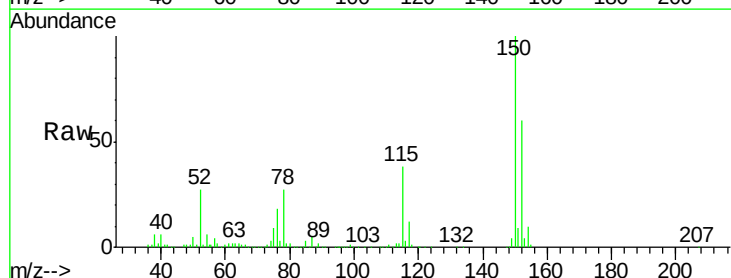
Tgt Ion:152 Resp: 90328

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

150 158.7 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

