

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008361.D
 Acq On : 18 Jan 2019 17:29
 Operator : SY/VA
 Sample : K1013-03
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-011819-B

Quant Time: Jan 19 04:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

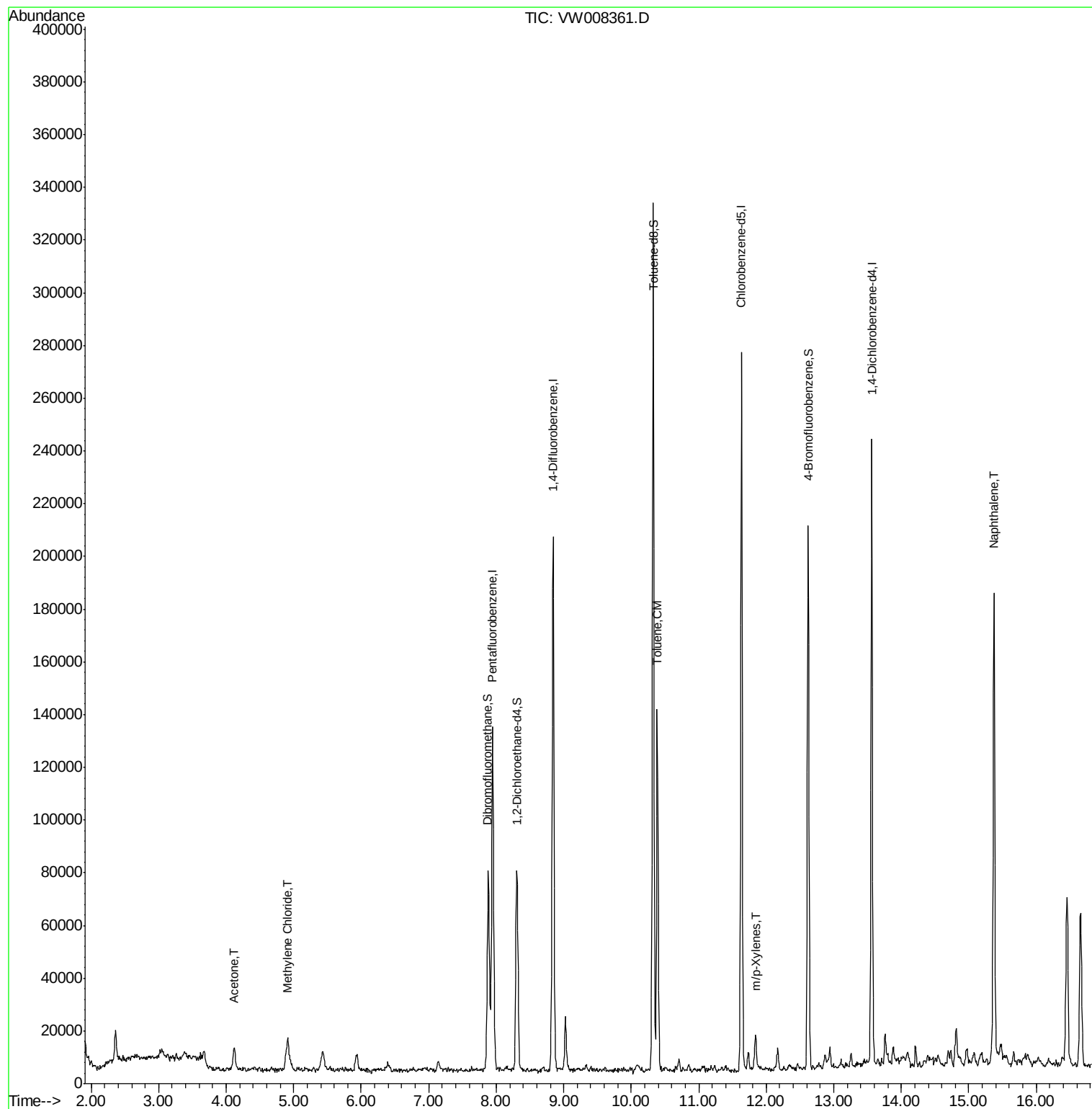
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56119	61.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.70%	
35) Dibromofluoromethane	7.88	113	53485	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.32	98	214032	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	65857	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
Target Compounds						
16) Acetone	4.12	43	14423	68.452	ug/l	93
20) Methylene Chloride	4.92	84	9805	6.976	ug/l #	92
52) Toluene	10.39	92	59698	20.062	ug/l	98
68) m/p-Xylenes	11.84	106	3767	1.735	ug/l	93
95) Naphthalene	15.37	128	154986	64.965	ug/l	99

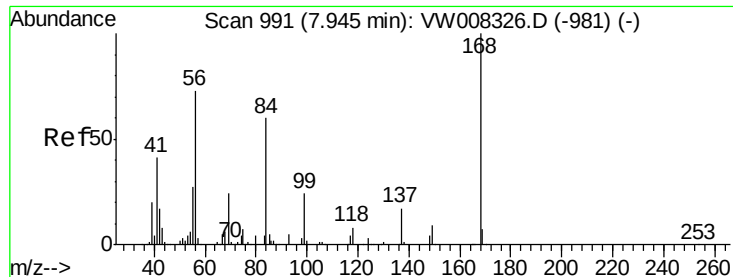
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011819\
Data File : VW008361.D
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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008361.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

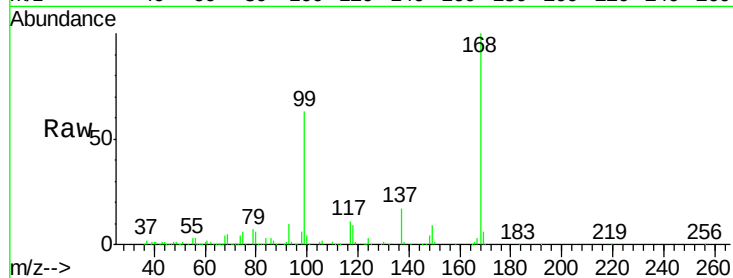
PL-01-011819-B

Tot Ion:168 Resp: 87219

Ion Ratio Lower Upper

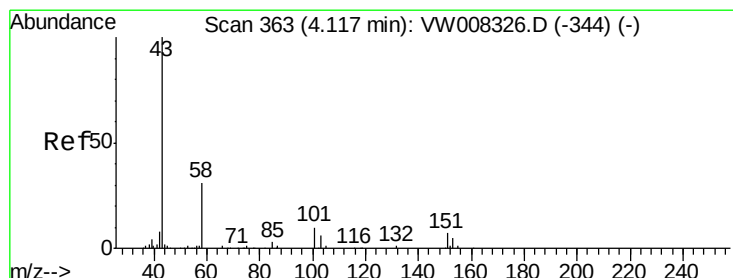
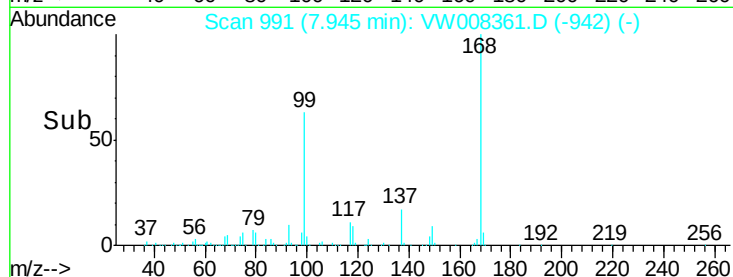
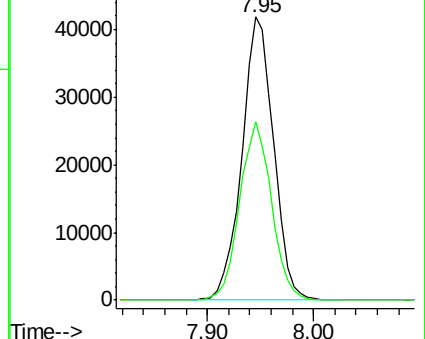
168 100

99 62.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 68.452 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008361.D

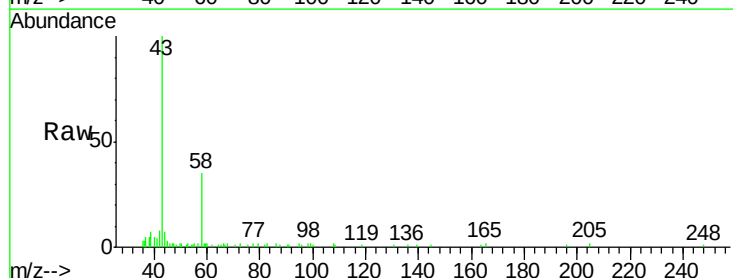
Acq: 18 Jan 2019 17:29

Tgt Ion: 43 Resp: 14423

Ion Ratio Lower Upper

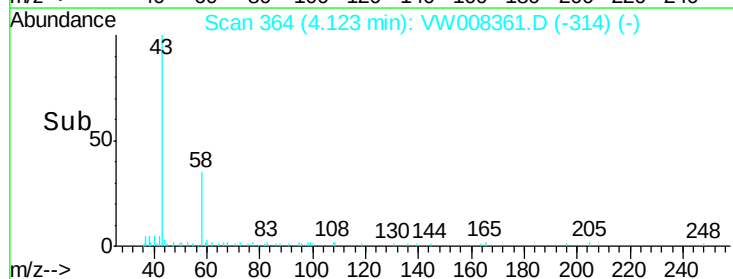
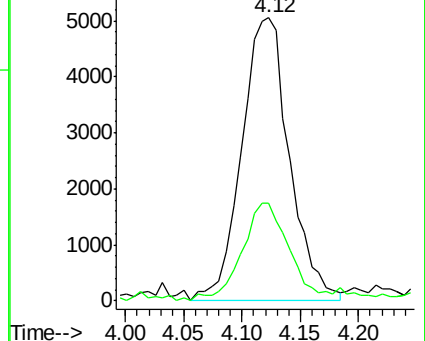
43 100

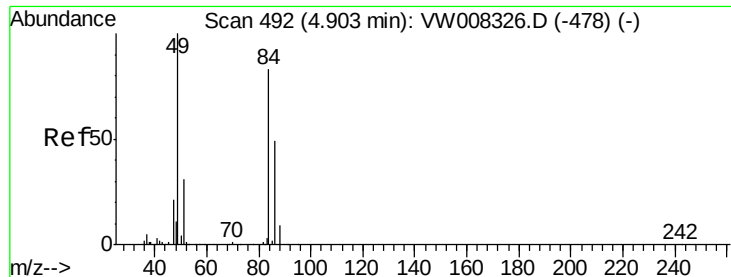
58 34.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

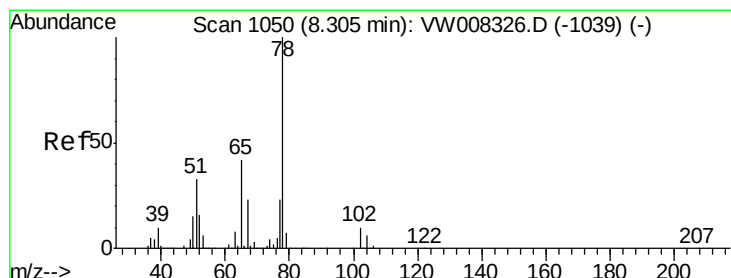
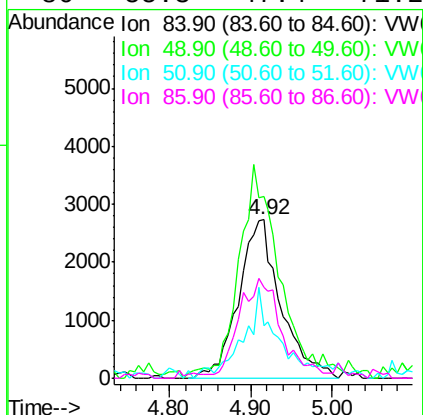
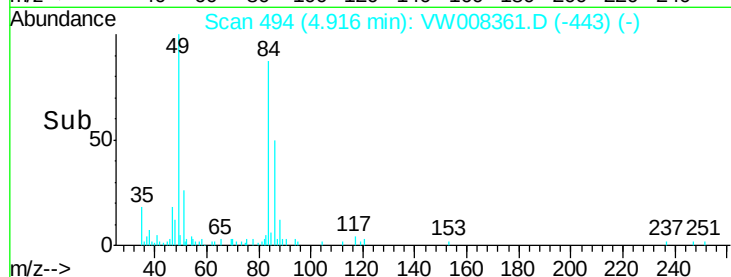
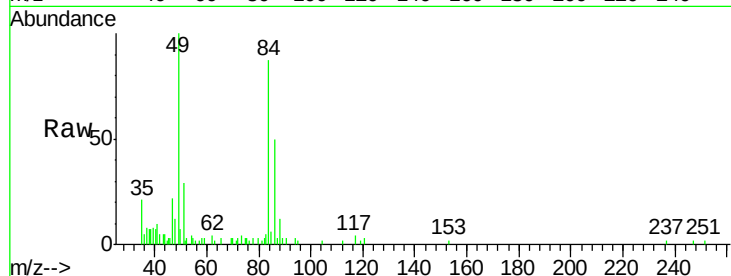




#20
Methylene Chloride
Concen: 6.976 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008361.D
Acq: 18 Jan 2019 17:29

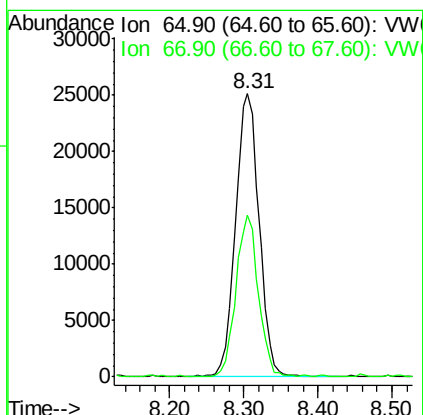
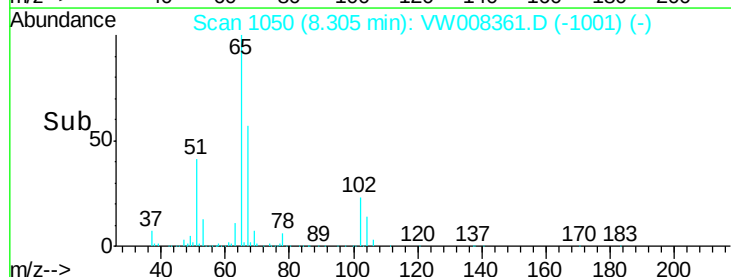
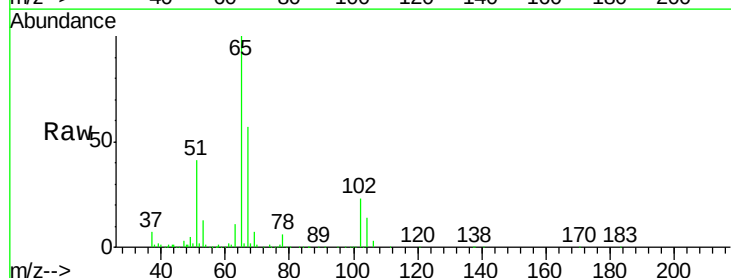
Instrument :
MSVOA_W
ClientSampleId :
PL-01-011819-B

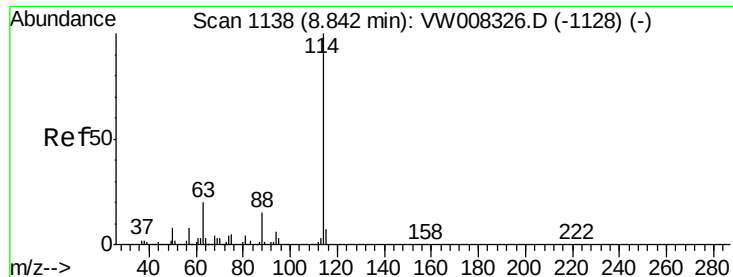
Tot Ion: 84 Resp: 9805
Ion Ratio Lower Upper
84 100
49 111.3 95.9 143.9
51 28.6 29.3 43.9#
86 55.3 47.4 71.2



#33
1,2-Dichloroethane-d4
Concen: 61.854 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008361.D
Acq: 18 Jan 2019 17:29

Tgt Ion: 65 Resp: 56119
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.2

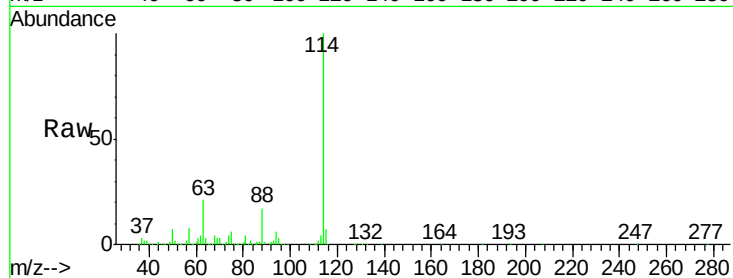




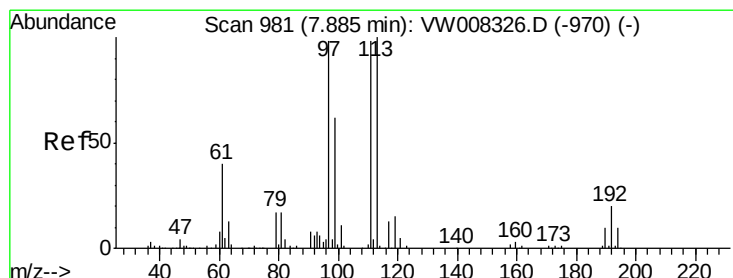
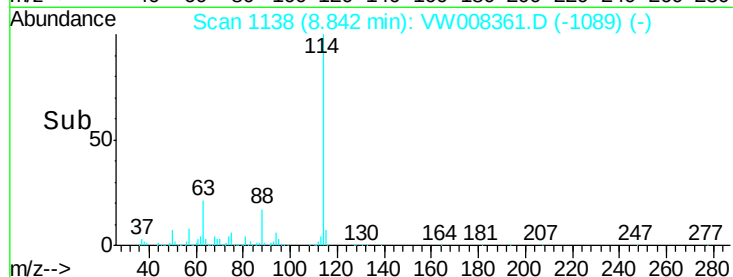
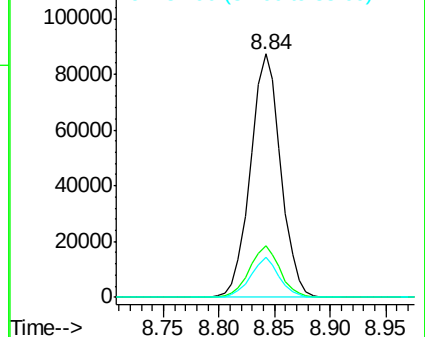
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008361.D
 Acq: 18 Jan 2019 17:29

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-011819-B

Tot Ion:114 Resp: 164993
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 16.7 0.0 30.4

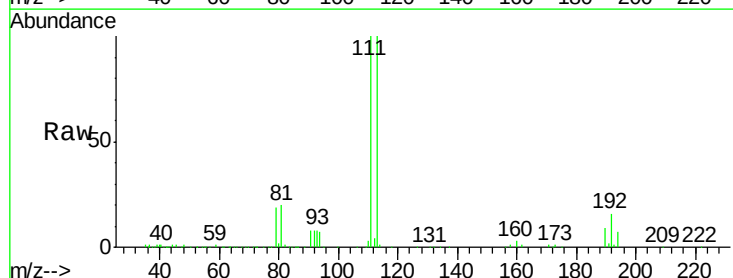


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

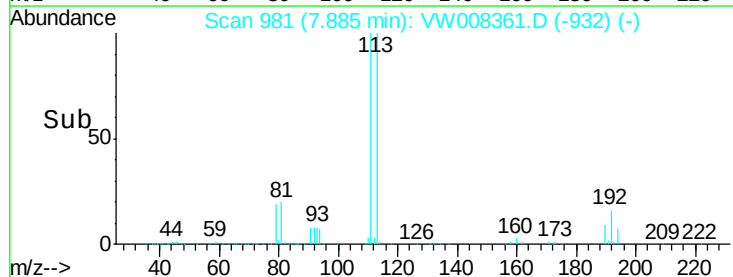
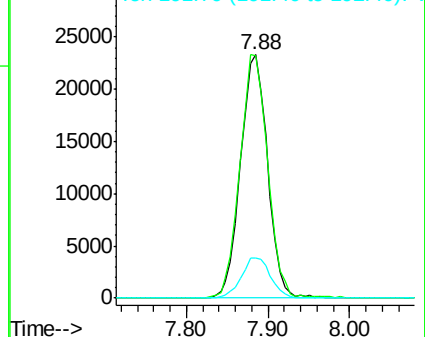


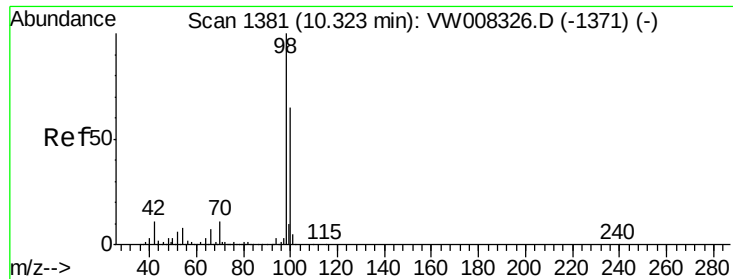
#35
 Dibromofluoromethane
 Concen: 50.783 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008361.D
 Acq: 18 Jan 2019 17:29

Tgt Ion:113 Resp: 53485
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 17.9 16.3 24.5



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: 51.729 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008361.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

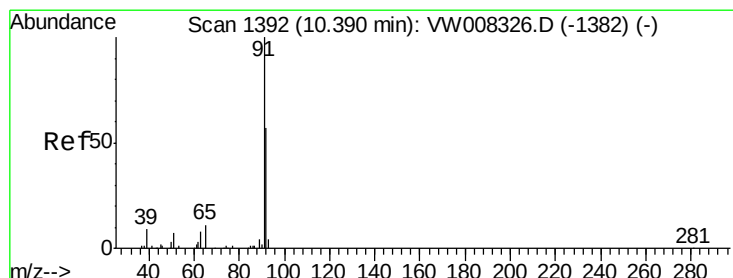
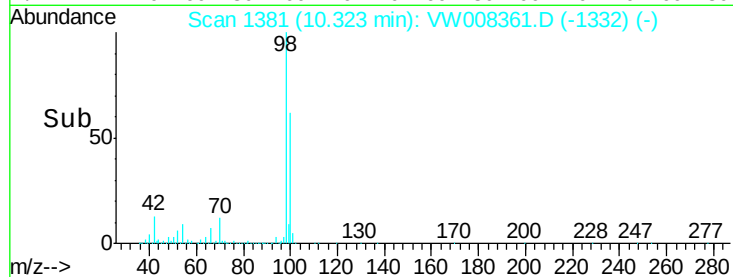
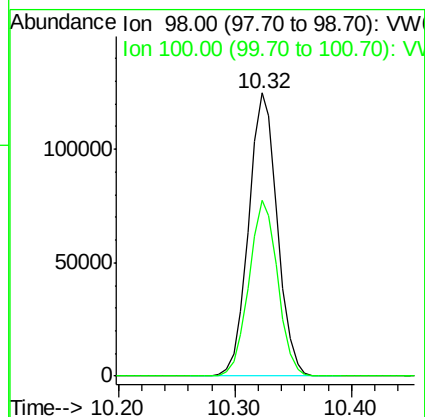
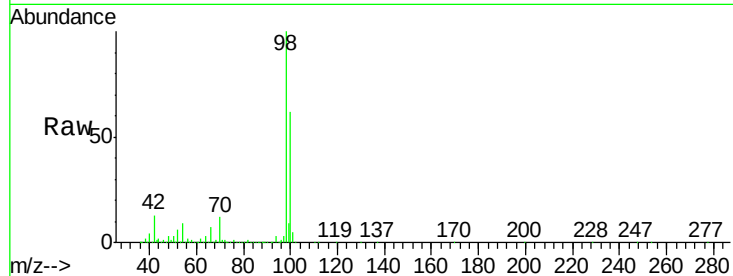
PL-01-011819-B

Tot Ion: 98 Resp: 214032

Ion Ratio Lower Upper

98 100

100 62.4 51.8 77.8



#52

Toluene

Concen: 20.062 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008361.D

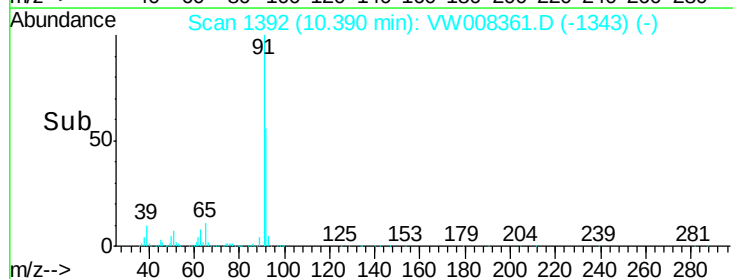
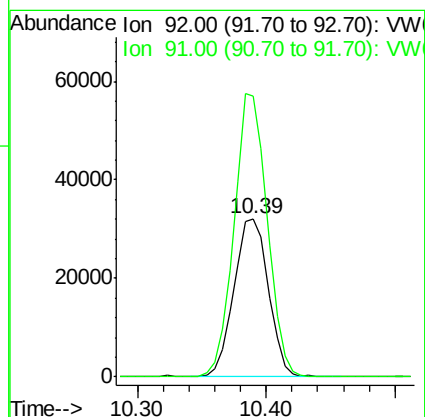
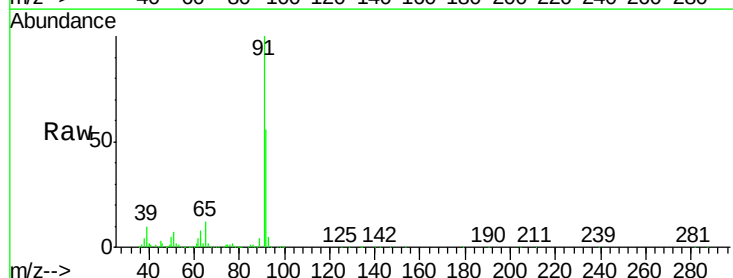
Acq: 18 Jan 2019 17:29

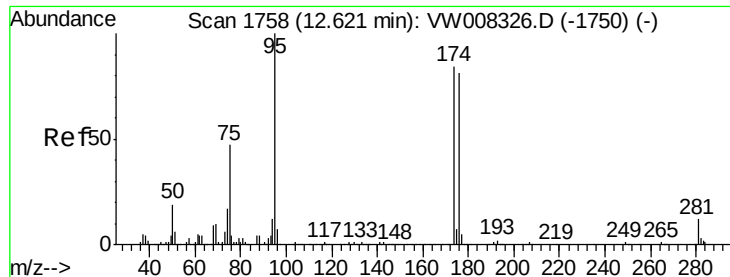
Tgt Ion: 92 Resp: 59698

Ion Ratio Lower Upper

92 100

91 172.1 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 44.380 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008361.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

PL-01-011819-B

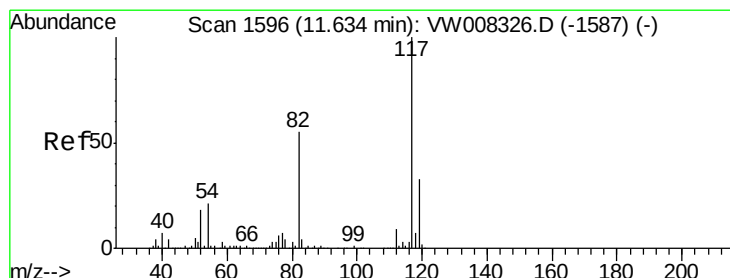
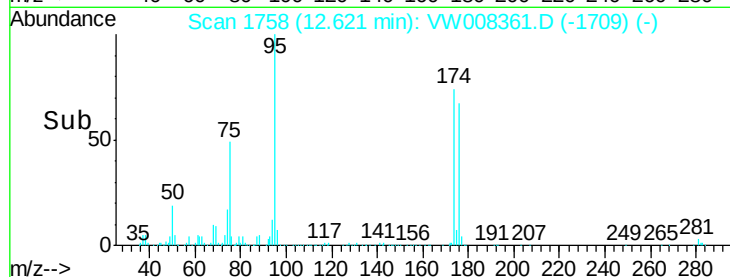
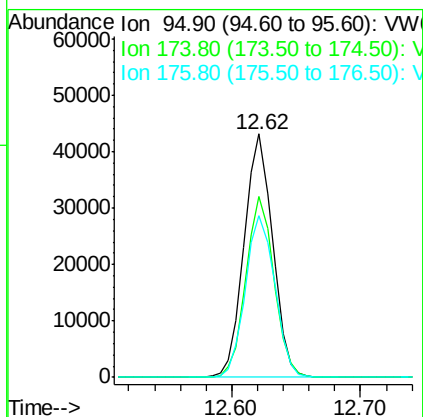
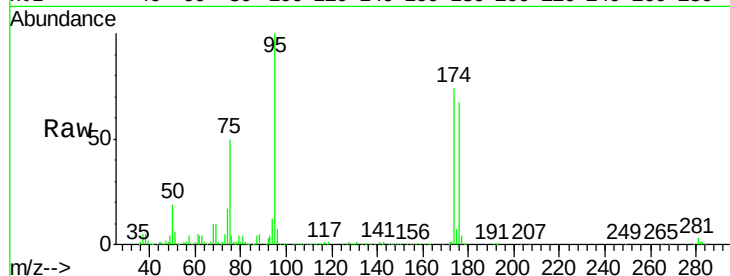
Tot Ion: 95 Resp: 65857

Ion Ratio Lower Upper

95 100

174 73.2 0.0 166.0

176 68.7 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008361.D

Acq: 18 Jan 2019 17:29

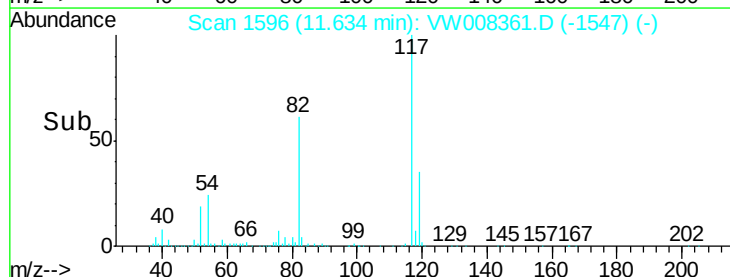
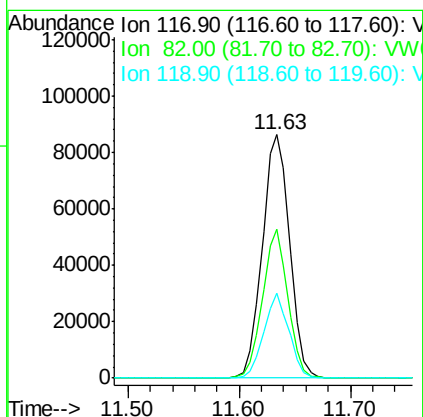
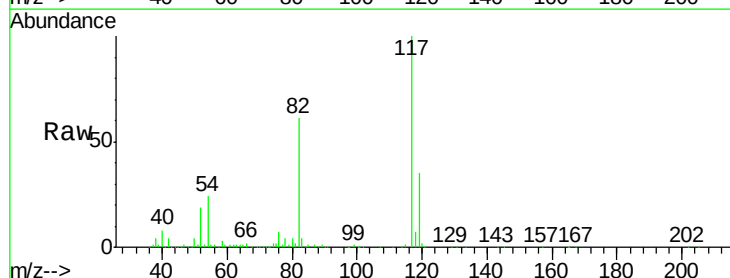
Tgt Ion: 117 Resp: 147697

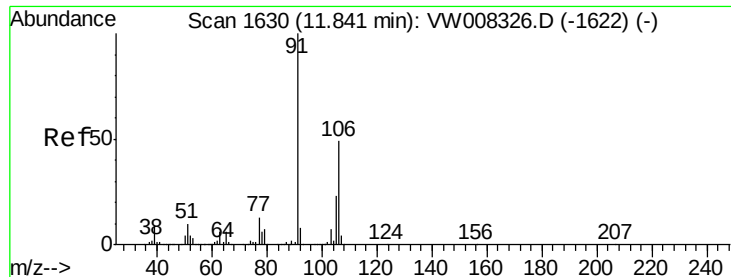
Ion Ratio Lower Upper

117 100

82 61.0 44.3 66.5

119 34.9 26.3 39.5





#68

m/p-Xvlenes

Concen: 1.735 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008361.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_W

ClientSampleId :

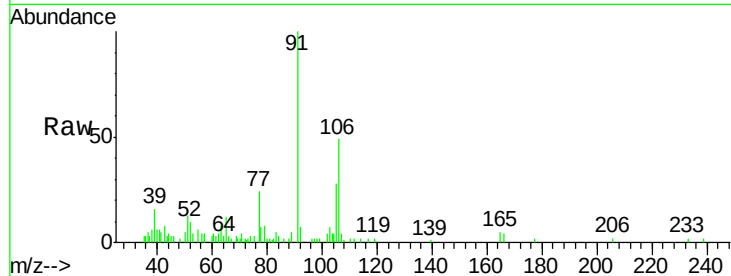
PL-01-011819-B

Tot Ion:106 Resp: 3767

Ion Ratio Lower Upper

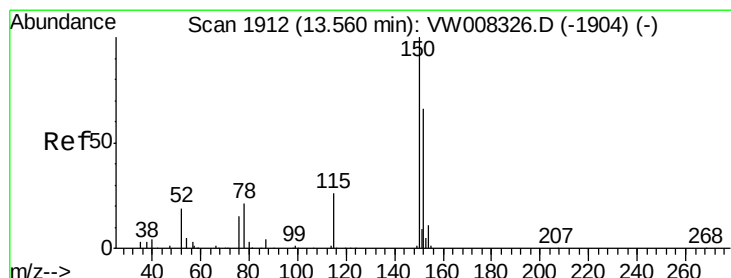
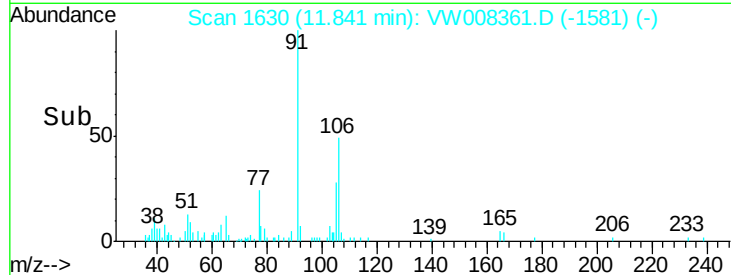
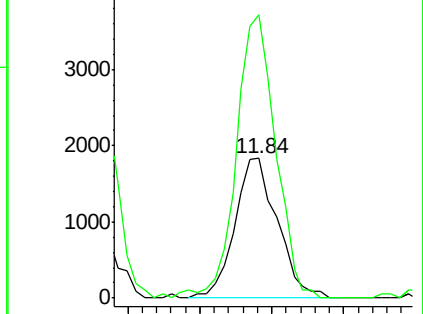
106 100

91 186.8 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008361.D

Acq: 18 Jan 2019 17:29

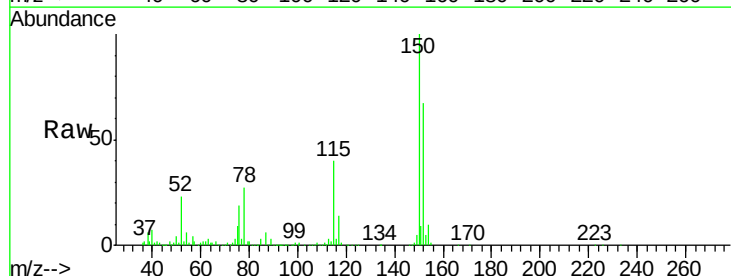
Tgt Ion:152 Resp: 61461

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.4

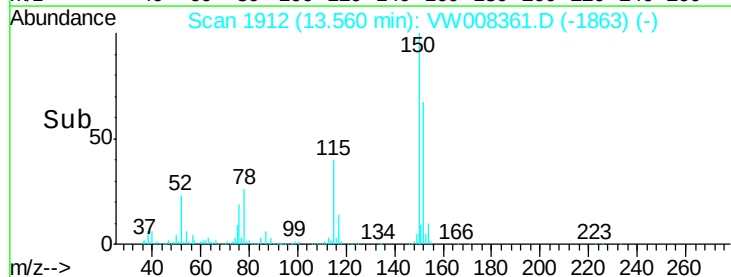
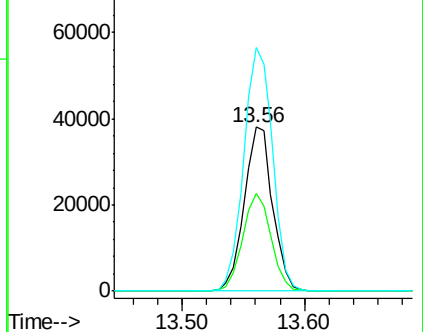
150 150.5 0.0 351.4

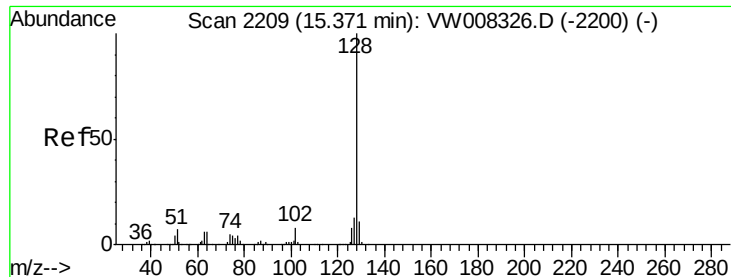


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 64.965 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008361.D

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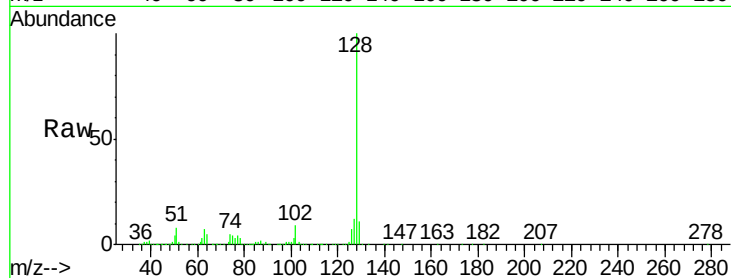
Tot Ion:128 Resp: 154986

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

