

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008171.D
 Acq On : 11 Jan 2019 02:54
 Operator : SY/AP
 Sample : K1015-03
 Misc : 7.45G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-010918-B

Quant Time: Jan 11 11:11:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

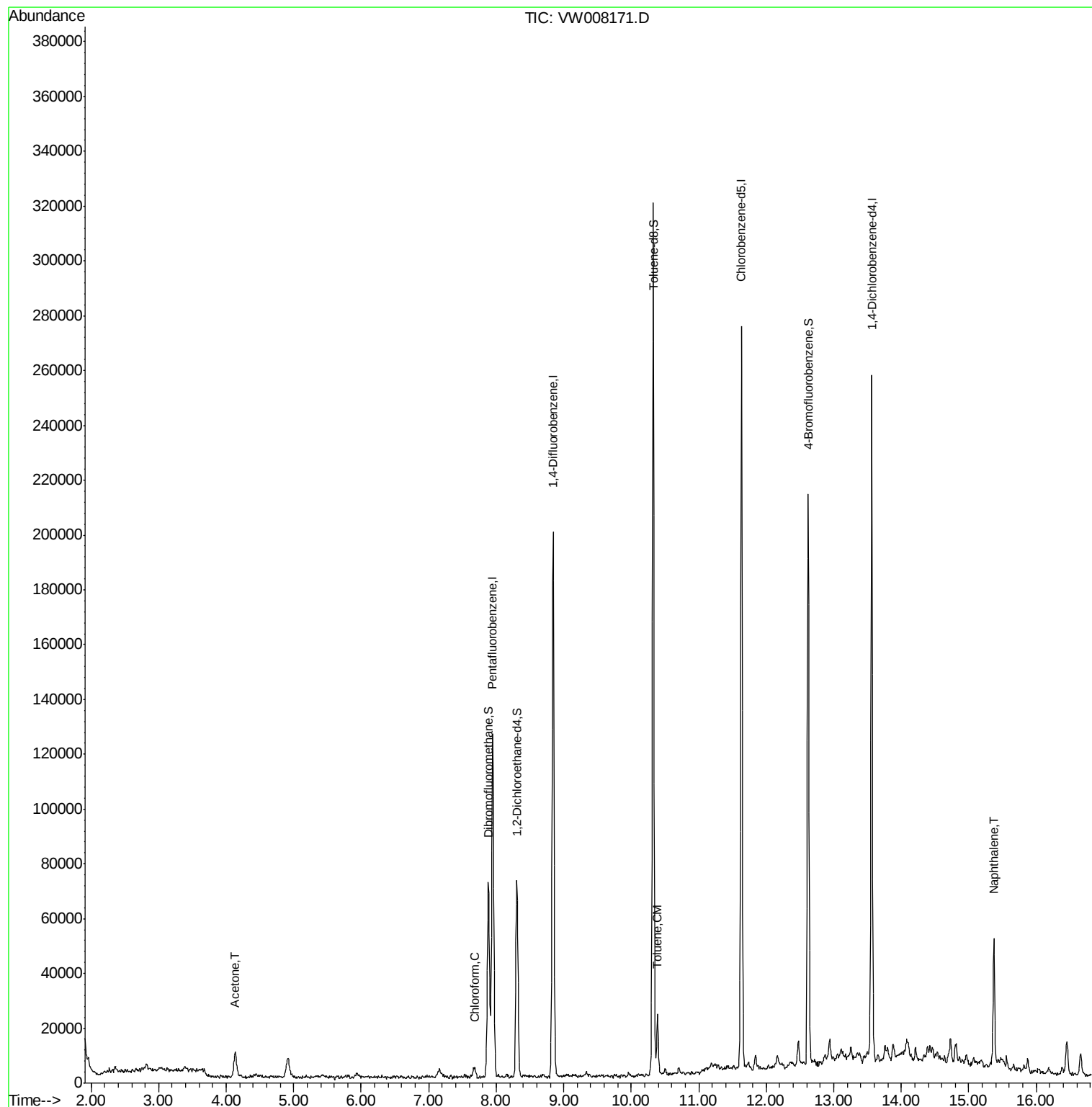
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	165582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55324	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
35) Dibromofluoromethane	7.88	113	52151	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
50) Toluene-d8	10.32	98	210722	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.62	95	67408	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
Target Compounds						
16) Acetone	4.14	43	17559	82.925	ug/l	98
30) Chloroform	7.68	83	3348	1.778	ug/l	94
52) Toluene	10.39	92	9194	3.112	ug/l	98
95) Naphthalene	15.37	128	37699	16.684	ug/l	100

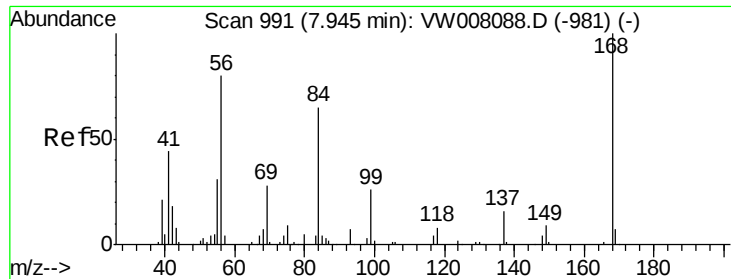
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008171.D

Acq: 11 Jan 2019 02:54

Instrument :

MSVOA_W

ClientSampleId :

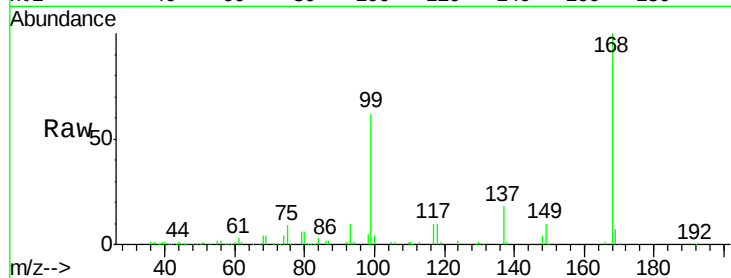
SU-03-010918-B

Tot Ion:168 Resp: 89549

Ion Ratio Lower Upper

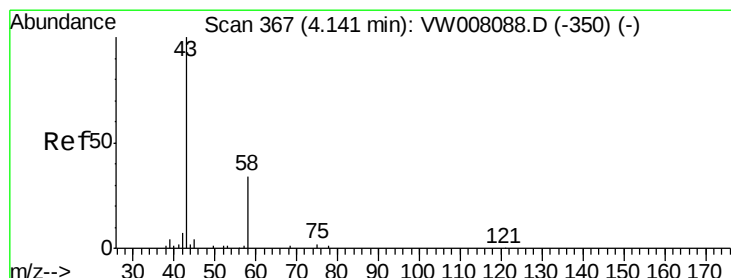
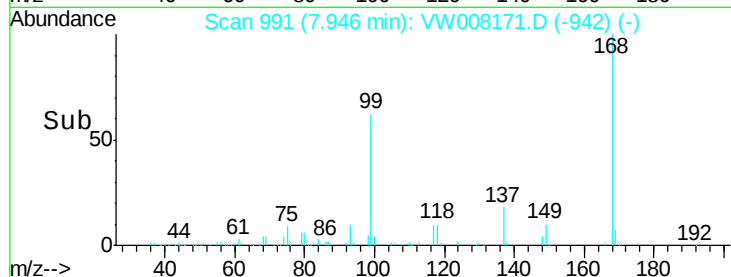
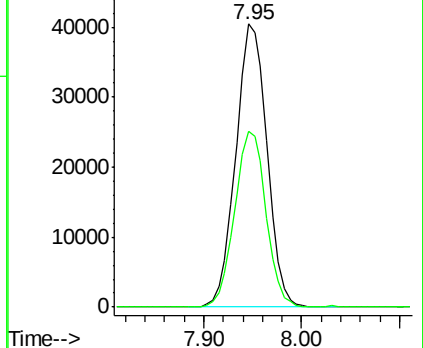
168 100

99 62.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 82.925 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008171.D

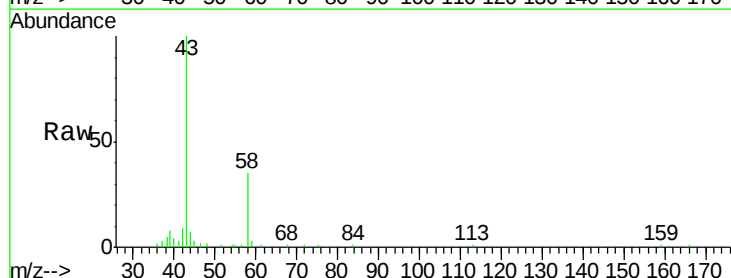
Acq: 11 Jan 2019 02:54

Tgt Ion: 43 Resp: 17559

Ion Ratio Lower Upper

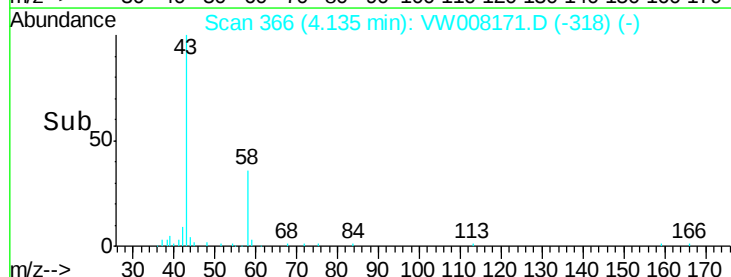
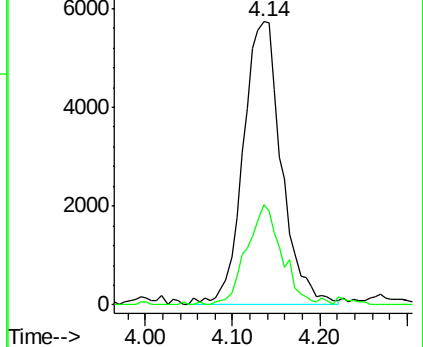
43 100

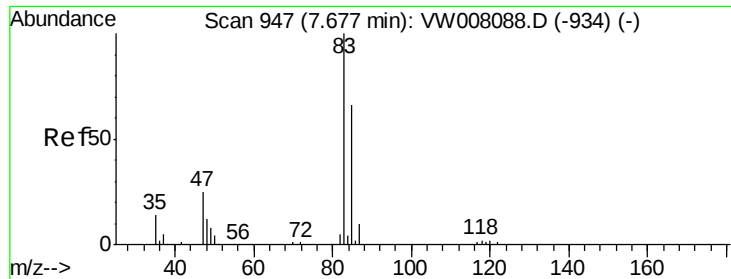
58 35.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

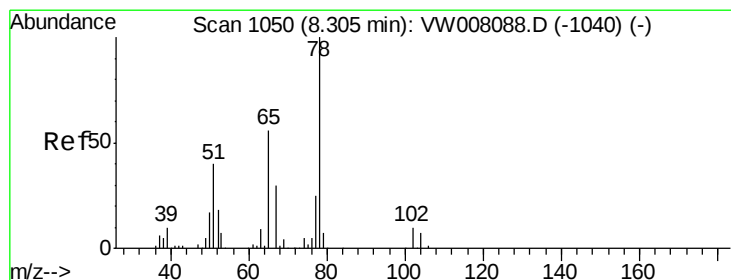
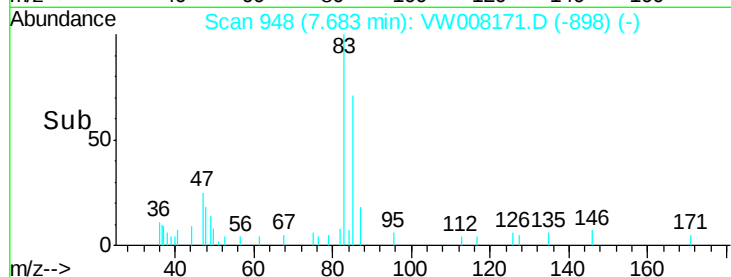
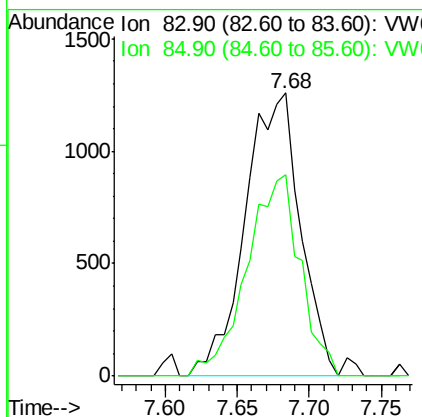
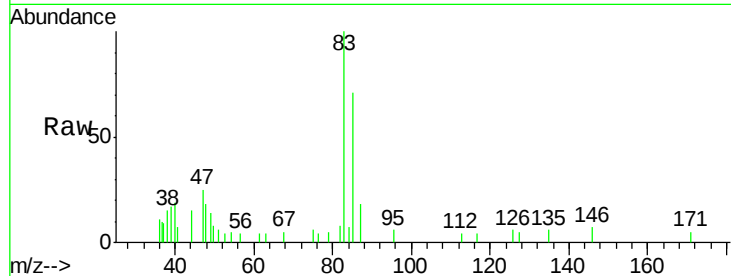




#30
Chloroform
Concen: 1.778 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW008171.D
Acq: 11 Jan 2019 02:54

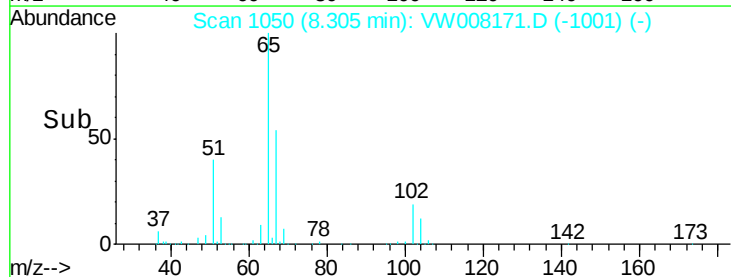
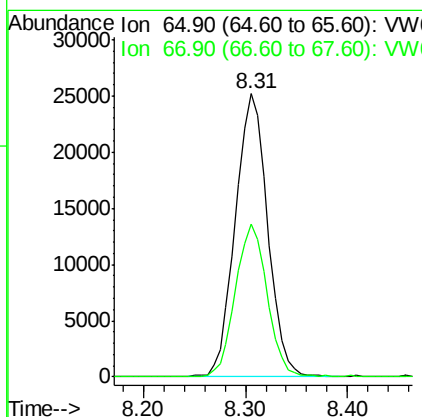
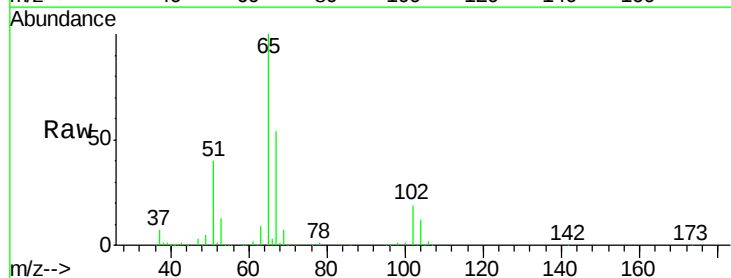
Instrument :
MSVOA_W
ClientSampleId :
SU-03-010918-B

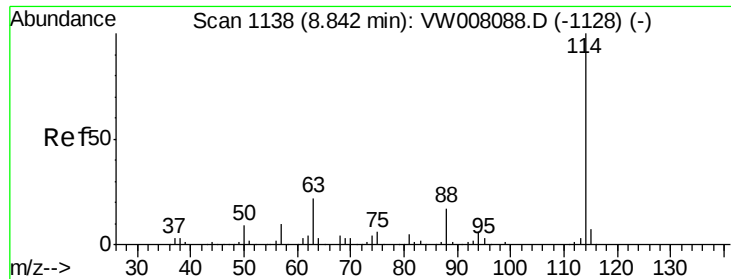
Tot Ion: 83 Resp: 3348
Ion Ratio Lower Upper
83 100
85 71.0 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: 54.969 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008171.D
Acq: 11 Jan 2019 02:54

Tgt Ion: 65 Resp: 55324
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.8

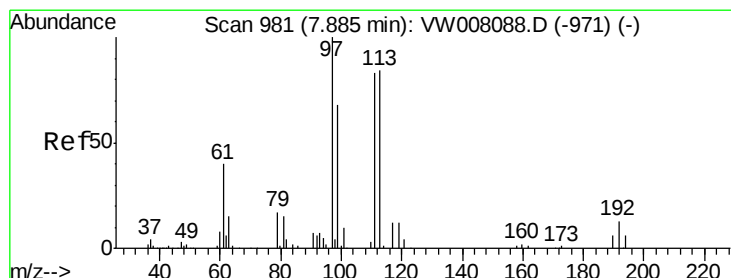
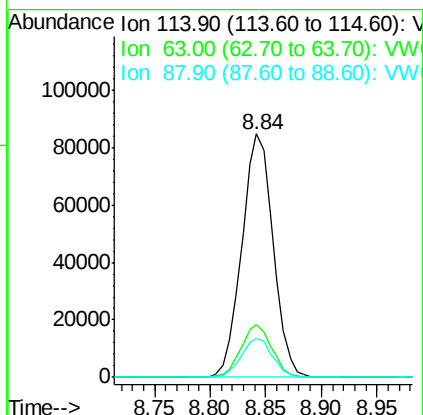
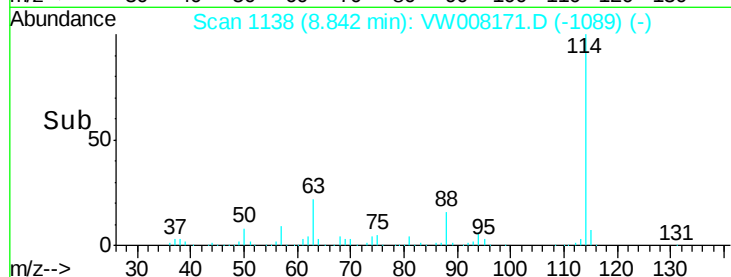
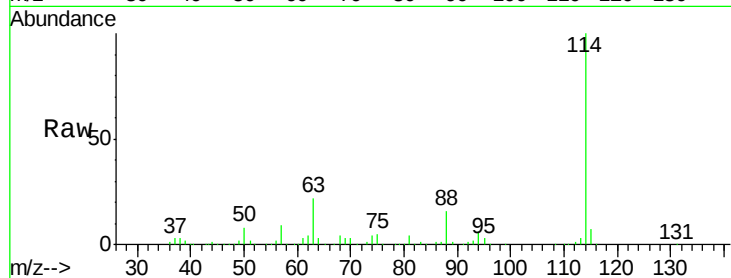




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008171.D
Acq: 11 Jan 2019 02:54

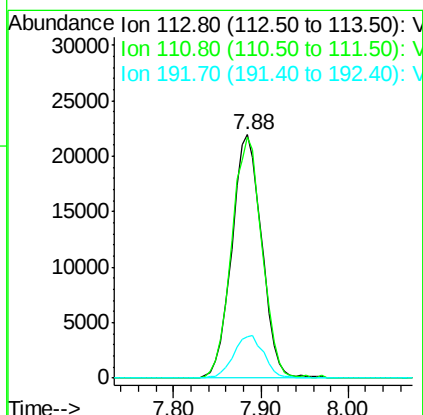
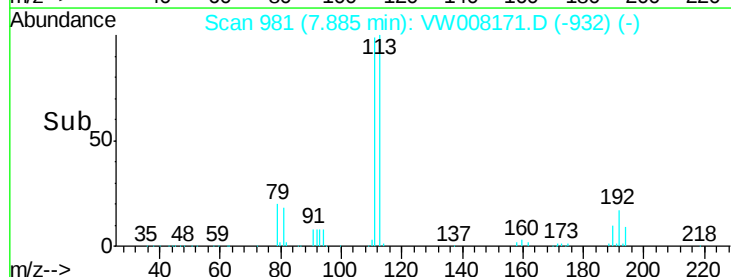
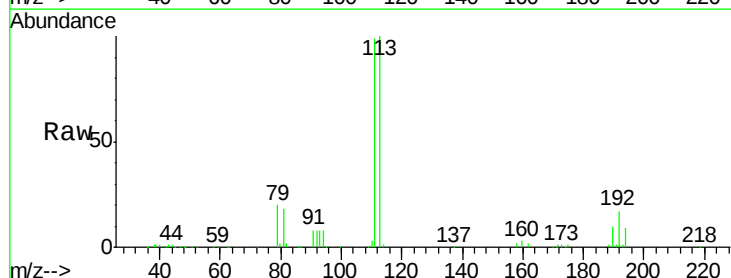
Instrument :
MSVOA_W
ClientSampleId :
SU-03-010918-B

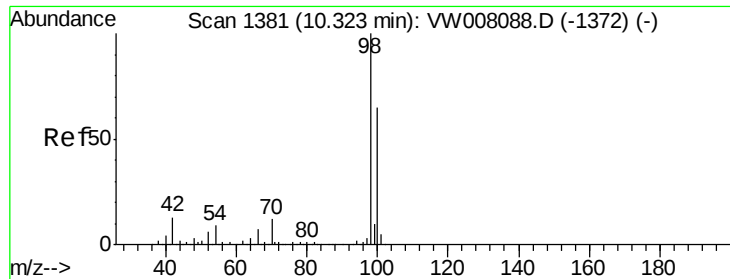
Tot Ion:114 Resp: 165582
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 54.001 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008171.D
Acq: 11 Jan 2019 02:54

Tgt Ion:113 Resp: 52151
Ion Ratio Lower Upper
113 100
111 100.3 81.8 122.8
192 17.8 12.8 19.2

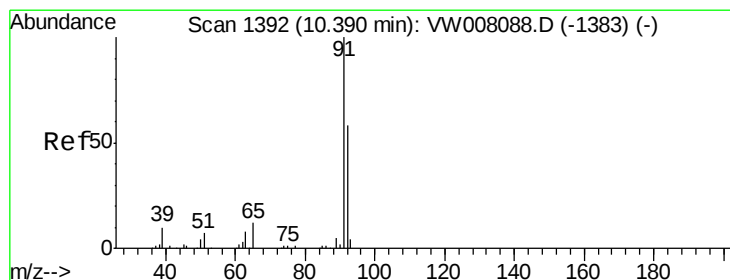
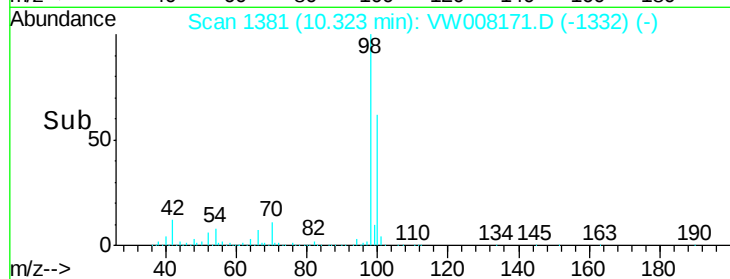
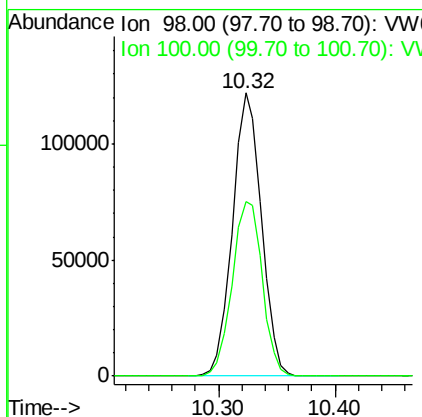
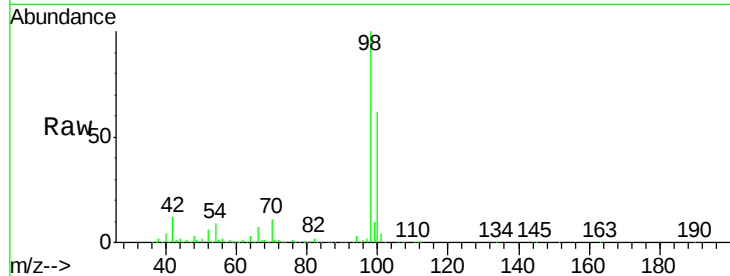




#50
Toluene-d8
Concen: 51.997 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008171.D
Acq: 11 Jan 2019 02:54

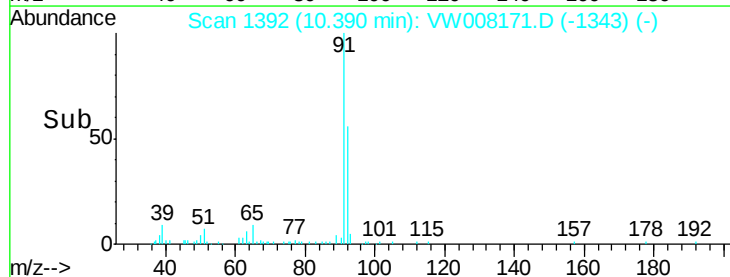
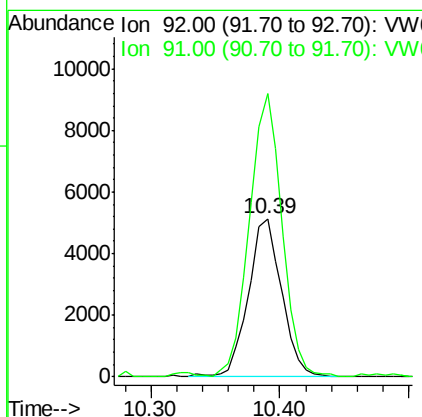
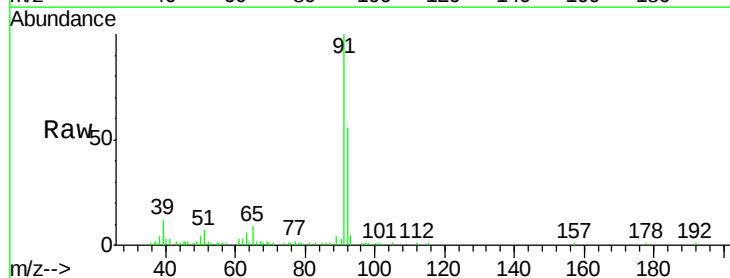
Instrument :
MSVOA_W
ClientSampleId :
SU-03-010918-B

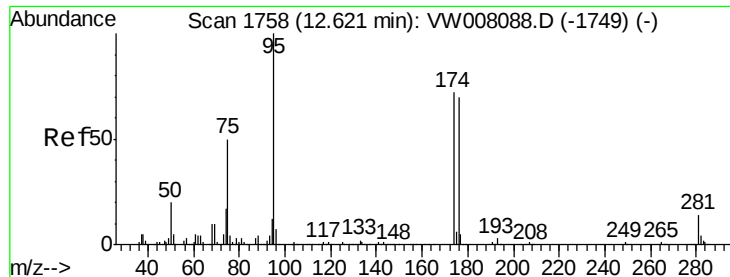
Tot Ion: 98 Resp: 210722
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#52
Toluene
Concen: 3.112 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008171.D
Acq: 11 Jan 2019 02:54

Tgt Ion: 92 Resp: 9194
Ion Ratio Lower Upper
92 100
91 174.0 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 46.397 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008171.D

Acq: 11 Jan 2019 02:54

Instrument :

MSVOA_W

ClientSampleId :

SU-03-010918-B

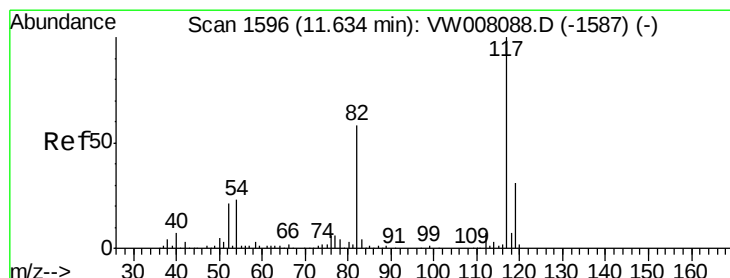
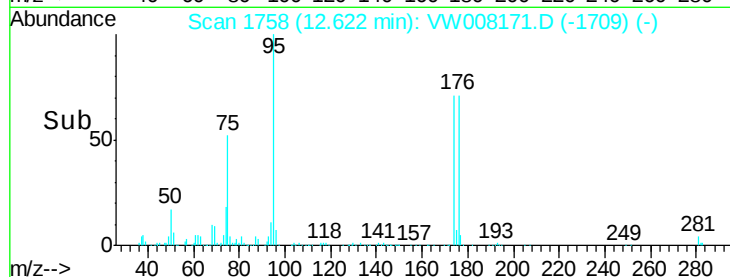
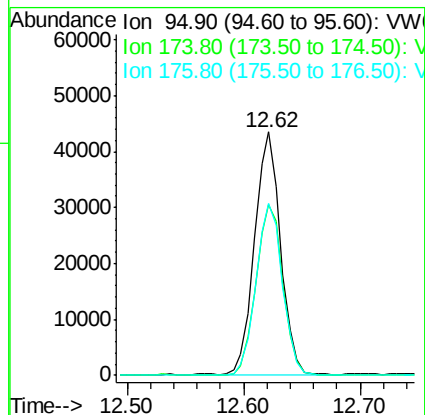
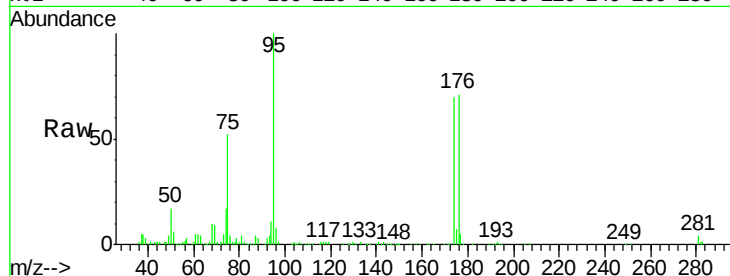
Tot Ion: 95 Resp: 67408

Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.0

176 72.1 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008171.D

Acq: 11 Jan 2019 02:54

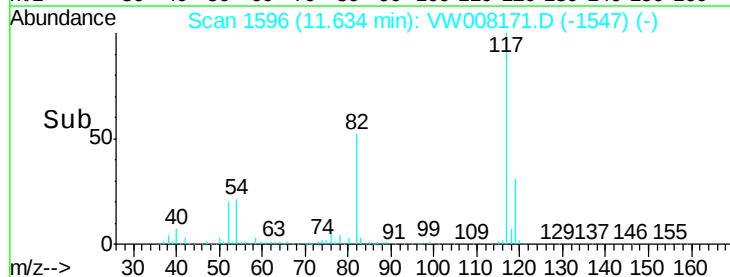
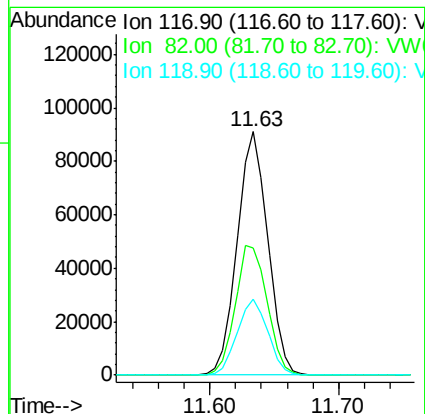
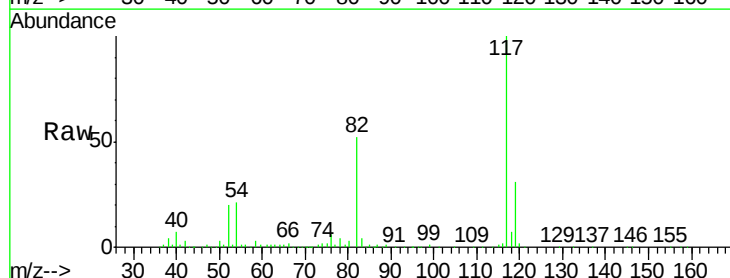
Tgt Ion: 117 Resp: 150113

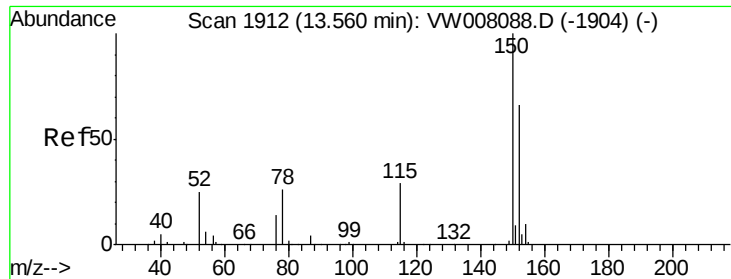
Ion Ratio Lower Upper

117 100

82 52.2 46.4 69.6

119 31.3 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008171.D

Acq: 11 Jan 2019 02:54

Instrument :

MSVOA_W

ClientSampleId :

SU-03-010918-B

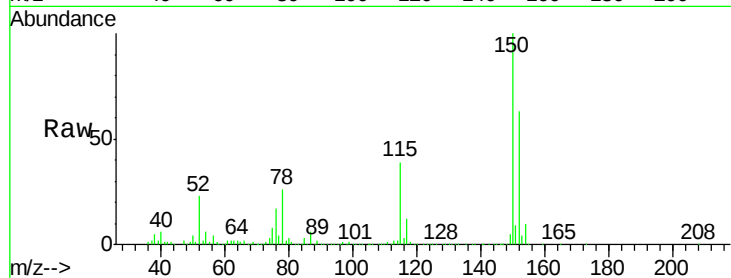
Tot Ion:152 Resp: 61633

Ion Ratio Lower Upper

152 100

115 60.4 30.8 92.4

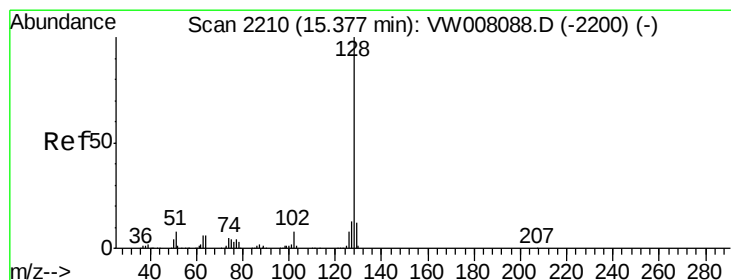
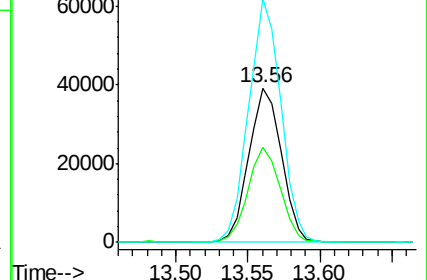
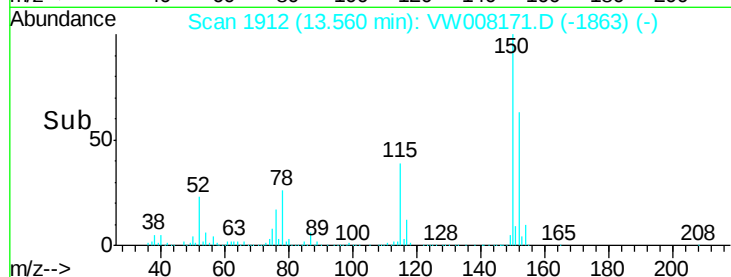
150 155.2 0.0 350.2



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: 16.684 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008171.D

Acq: 11 Jan 2019 02:54

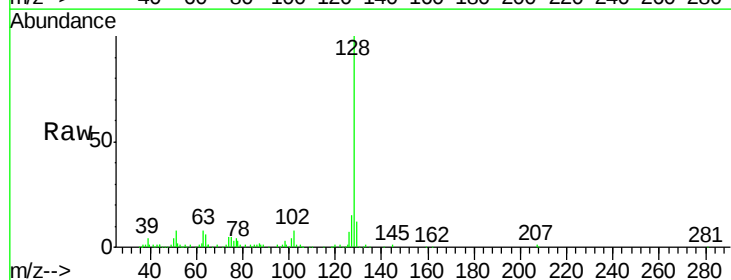
Tgt Ion:128 Resp: 37699

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 11.5 9.0 13.6



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

