

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005330.D
 Acq On : 12 Sep 2018 17:14
 Operator : SY/AP
 Sample : J4856-06
 Misc : 4.53G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-3

Quant Time: Sep 12 19:02:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

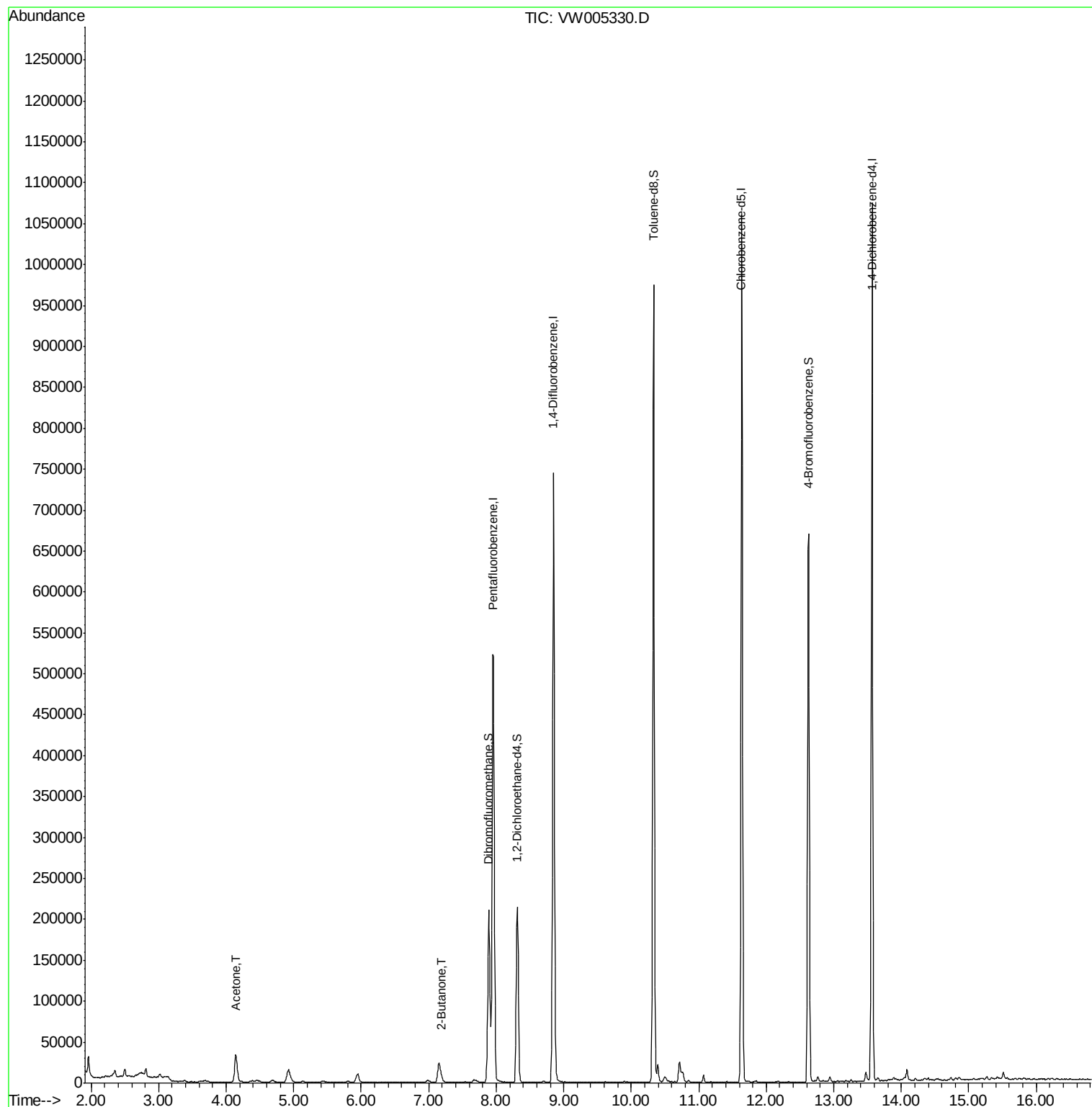
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	435487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	661101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	636192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	297422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164690	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	7.89	113	151896	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
50) Toluene-d8	10.33	98	668768	38.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.44%	
62) 4-Bromofluorobenzene	12.63	95	221520	34.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.22%	
Target Compounds						
16) Acetone	4.14	43	59339	98.42	ug/l	98
25) 2-Butanone	7.19	43	9937	10.45	ug/l #	84

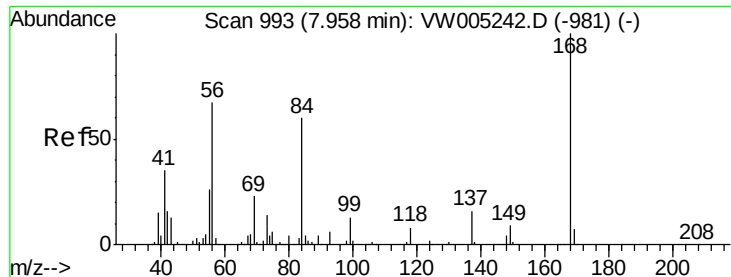
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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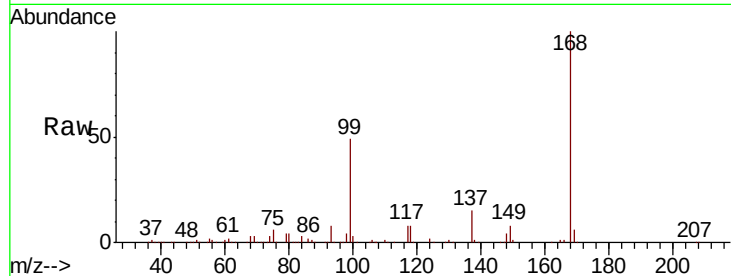


#1

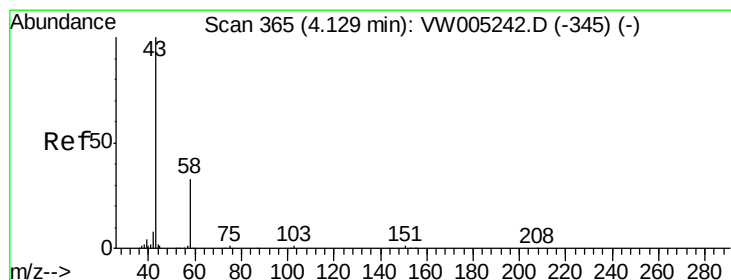
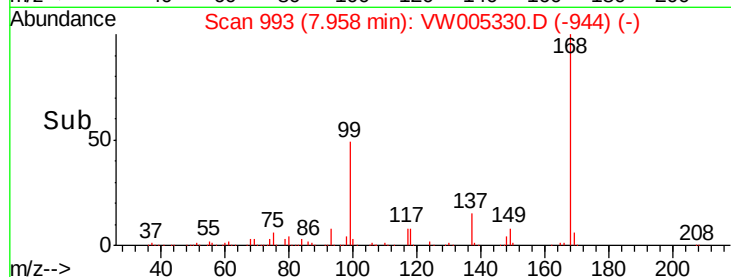
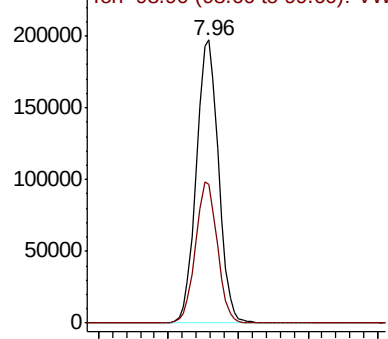
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VW005330.D
 Acq: 12 Sep 2018 17:14

Instrument :
 MSVOA_W
 ClientSampled :
 TP-1-3

Tot Ion:168 Resp: 435487
 Ion Ratio Lower Upper
 168 100
 99 49.2 39.1 58.7



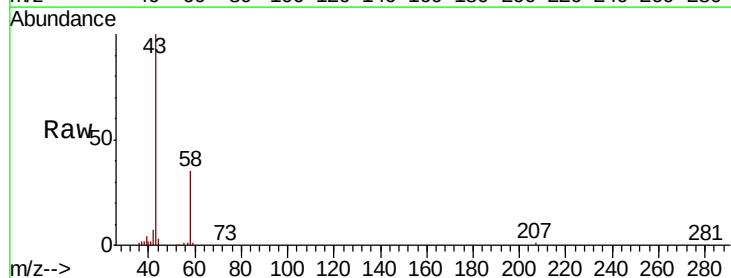
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



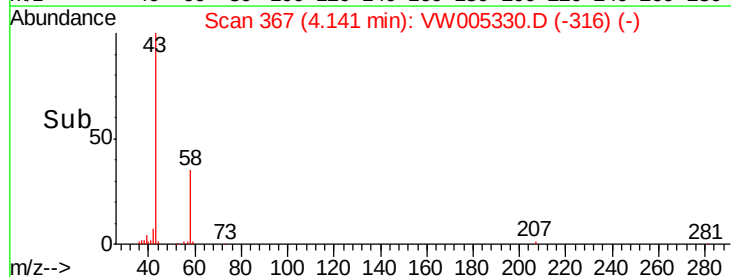
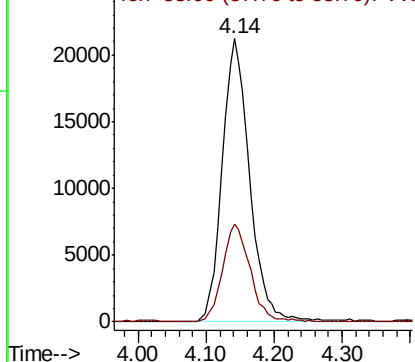
#16

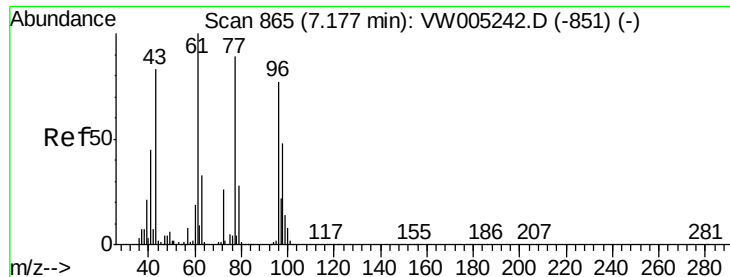
Acetone
 Concen: 98.42 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW005330.D
 Acq: 12 Sep 2018 17:14

Tgt Ion: 43 Resp: 59339
 Ion Ratio Lower Upper
 43 100
 58 34.5 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 10.45 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005330.D

Acq: 12 Sep 2018 17:14

Instrument :

MSVOA_W

ClientSampled :

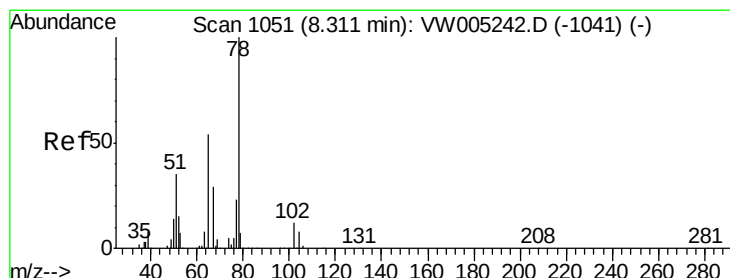
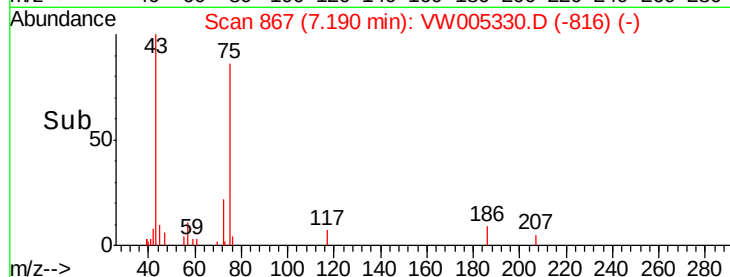
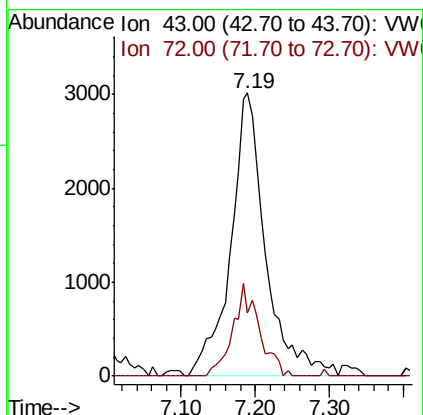
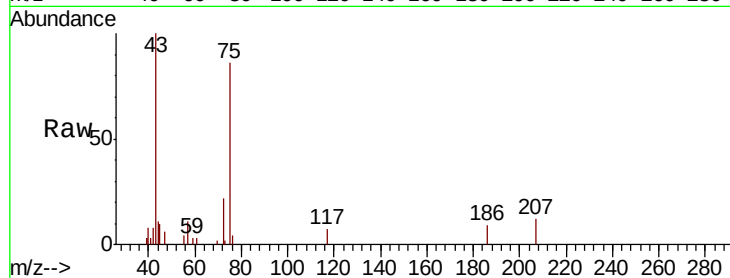
TP-1-3

Tot Ion: 43 Resp: 9937

Ion Ratio Lower Upper

43 100

72 22.2 25.0 37.6#



#33

1,2-Dichloroethane-d4

Concen: 50.70 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005330.D

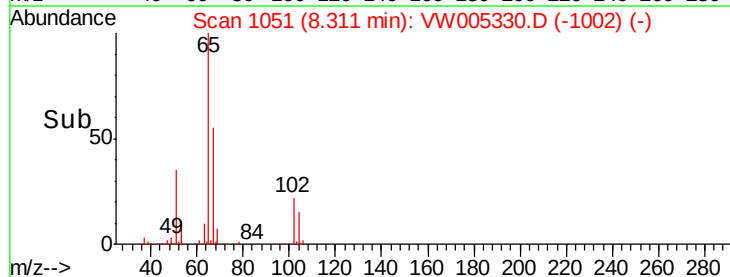
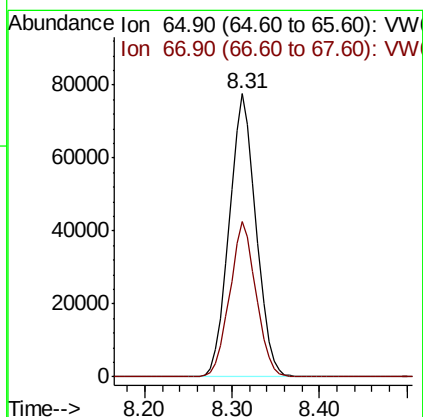
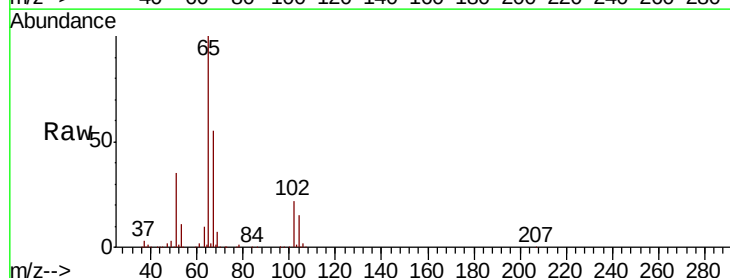
Acq: 12 Sep 2018 17:14

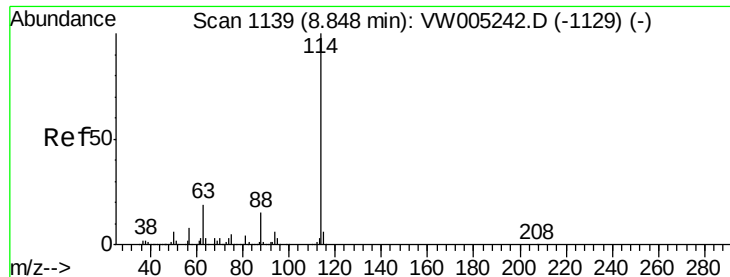
Tgt Ion: 65 Resp: 164690

Ion Ratio Lower Upper

65 100

67 54.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005330.D

Acq: 12 Sep 2018 17:14

Instrument :

MSVOA_W

ClientSampleId :

TP-1-3

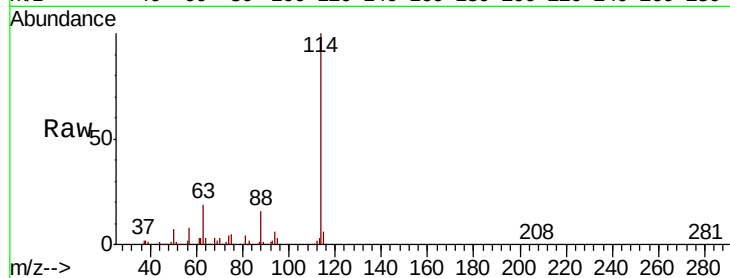
Tot Ion:114 Resp: 661101

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

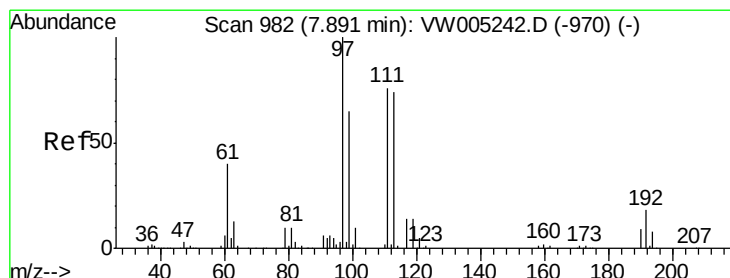
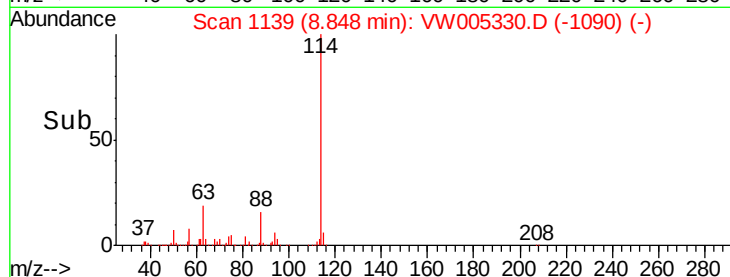
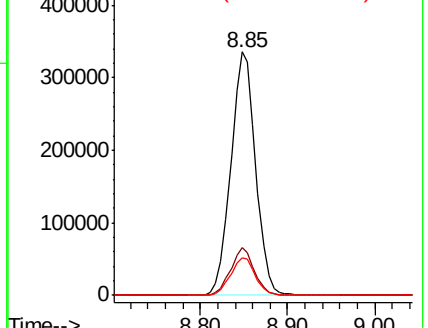
88 15.5 0.0 30.4



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: 43.86 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005330.D

Acq: 12 Sep 2018 17:14

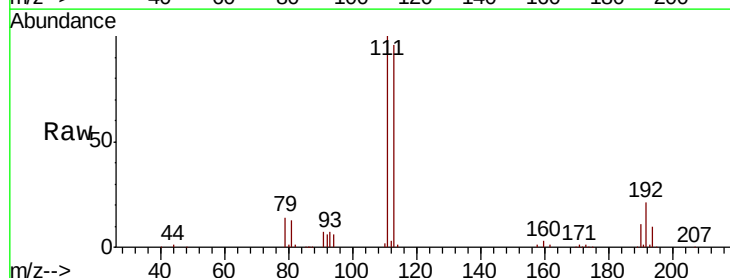
Tgt Ion:113 Resp: 151896

Ion Ratio Lower Upper

113 100

111 103.1 80.6 121.0

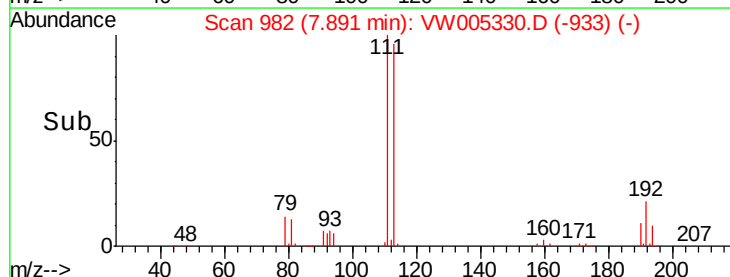
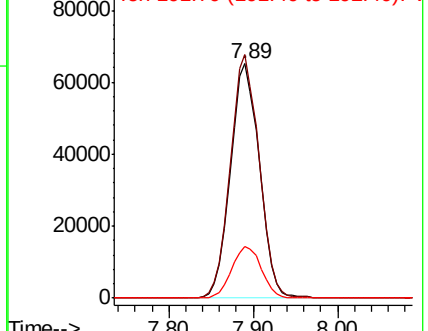
192 22.3 18.3 27.5

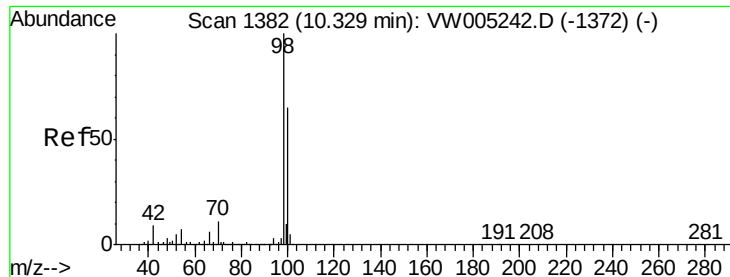


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.22 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005330.D

Acq: 12 Sep 2018 17:14

Instrument :

MSVOA_W

ClientSampled :

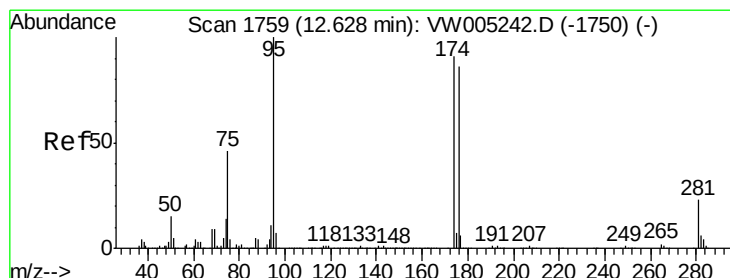
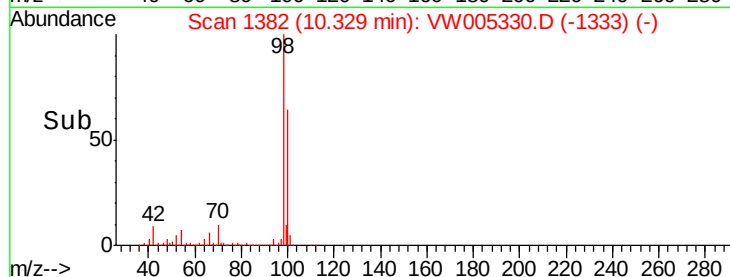
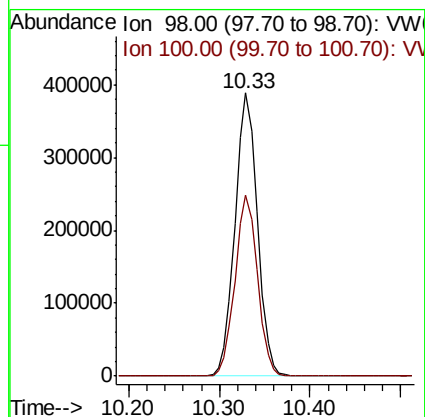
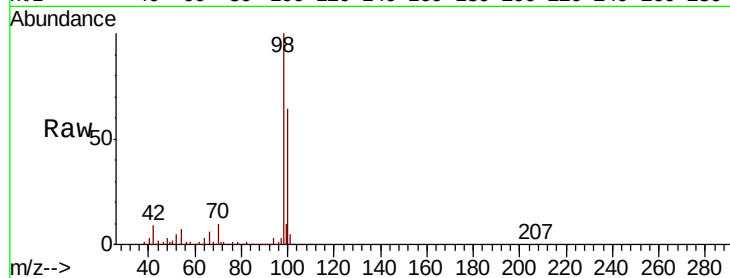
TP-1-3

Tot Ion: 98 Resp: 668768

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.61 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005330.D

Acq: 12 Sep 2018 17:14

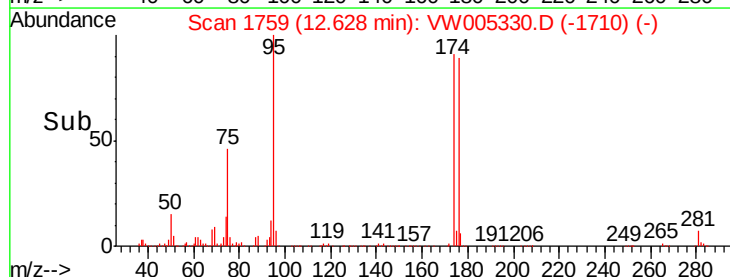
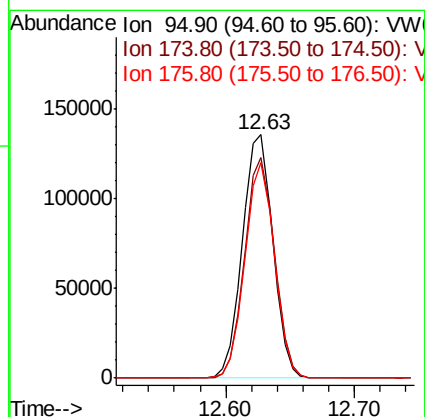
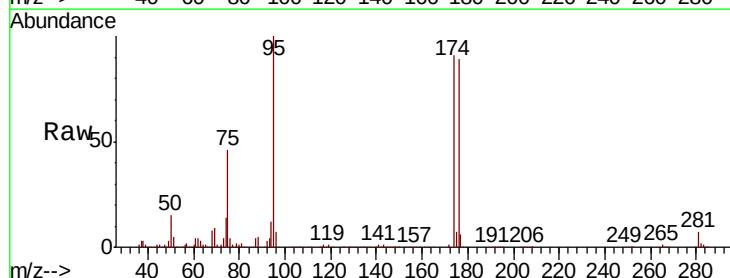
Tgt Ion: 95 Resp: 221520

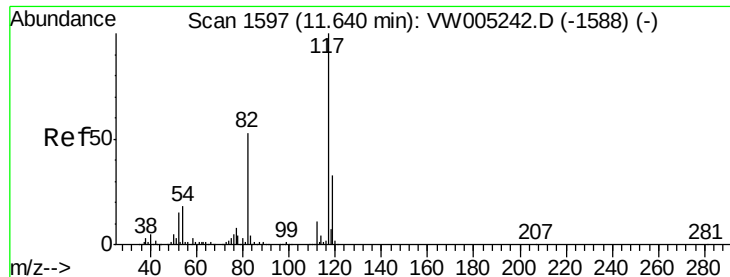
Ion Ratio Lower Upper

95 100

174 89.1 0.0 174.6

176 85.7 0.0 167.6

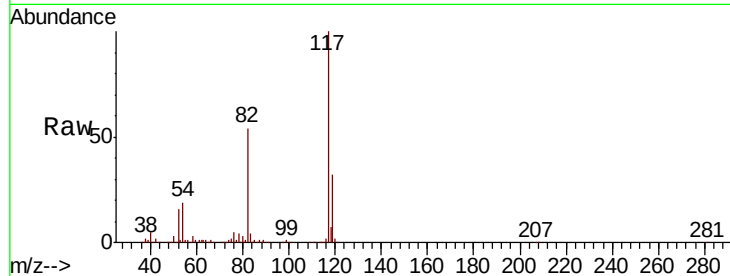




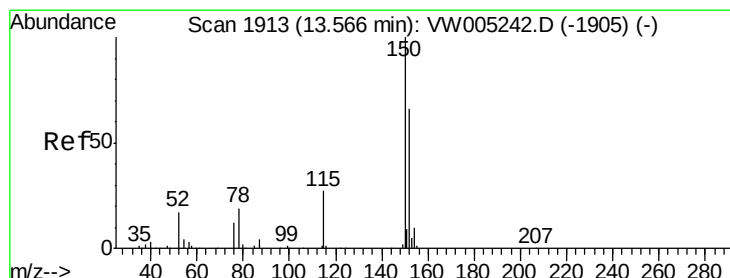
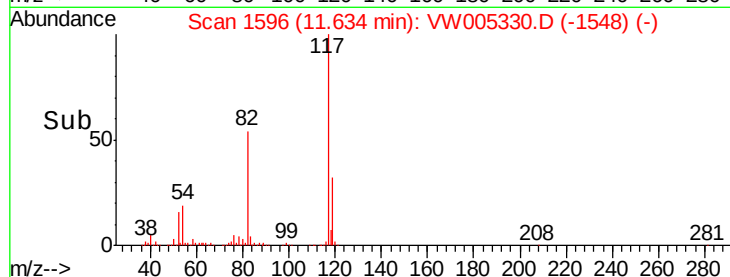
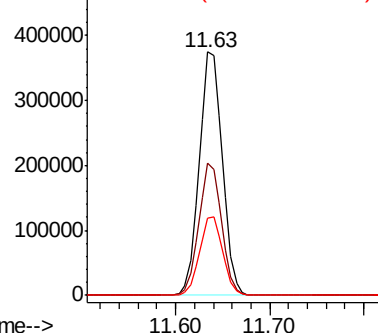
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005330.D
Acq: 12 Sep 2018 17:14

Instrument :
MSVOA_W
ClientSampled :
TP-1-3

Tot Ion:117 Resp: 636192
Ion Ratio Lower Upper
117 100
82 54.3 42.6 63.8
119 31.9 26.2 39.4

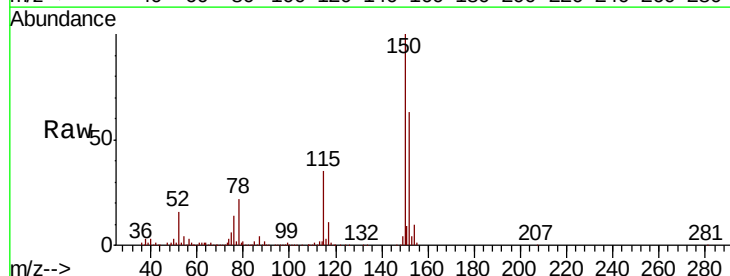


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005330.D
Acq: 12 Sep 2018 17:14

Tgt Ion:152 Resp: 297422
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.4
150 158.6 0.0 347.4



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

