

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006046.D
 Acq On : 12 Oct 2018 13:41
 Operator : VA/AP
 Sample : J5193-01
 Misc : 3.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-101118

Quant Time: Oct 13 01:44:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	248775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114810	57.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.88%	
35) Dibromofluoromethane	7.89	113	105187	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	10.33	98	346216	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.62	95	113549	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	

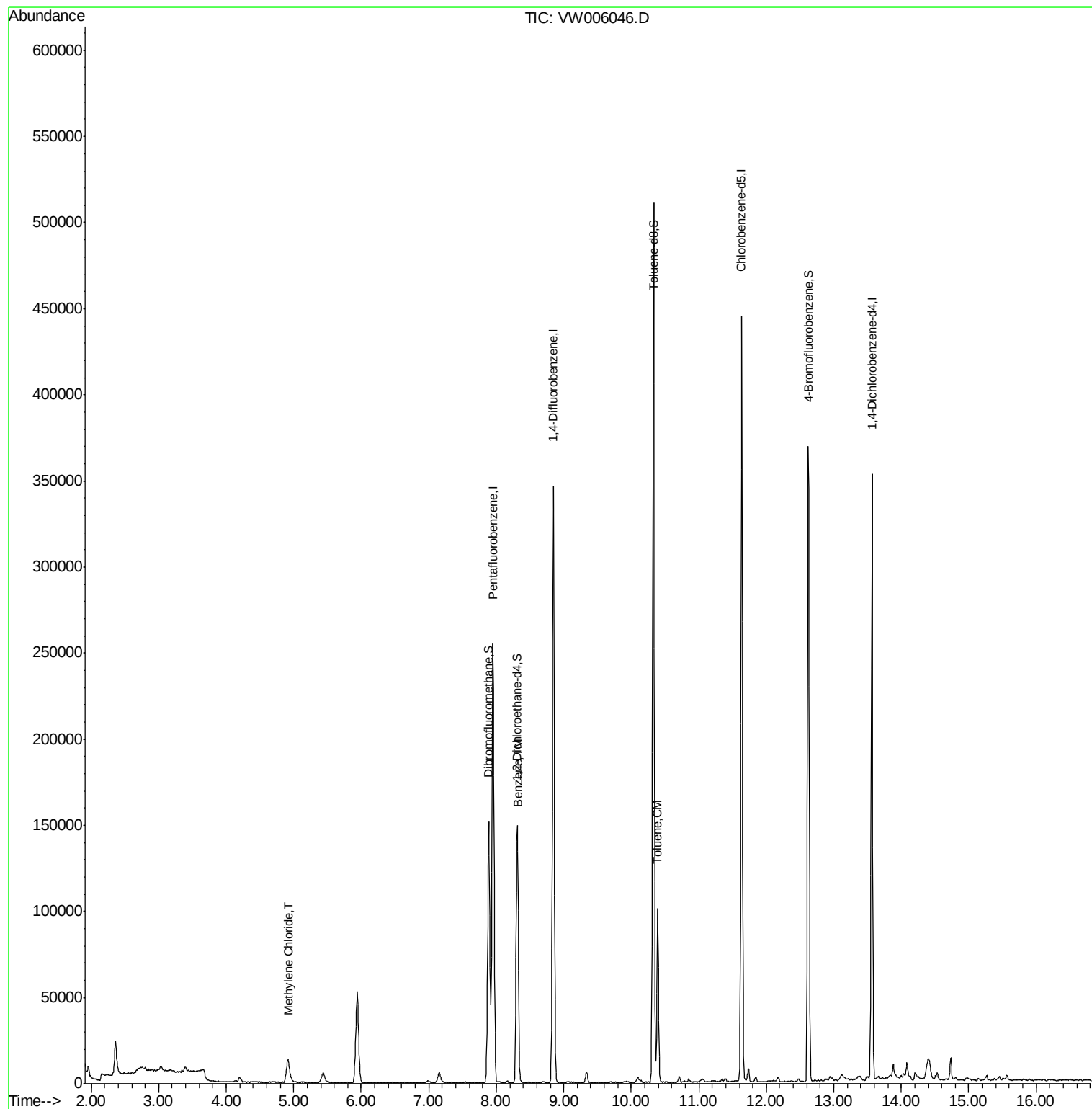
Target Compounds						Qvalue
20) Methylene Chloride	4.91	84	10873	5.44	ug/l	95
40) Benzene	8.32	78	8069	1.01	ug/l	94
52) Toluene	10.39	92	43029	8.16	ug/l	100

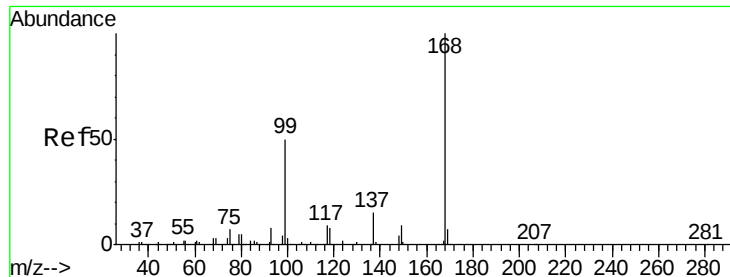
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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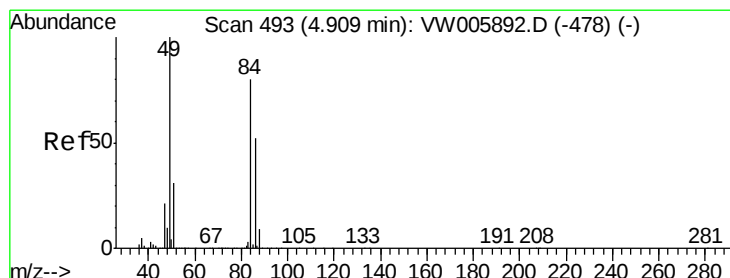
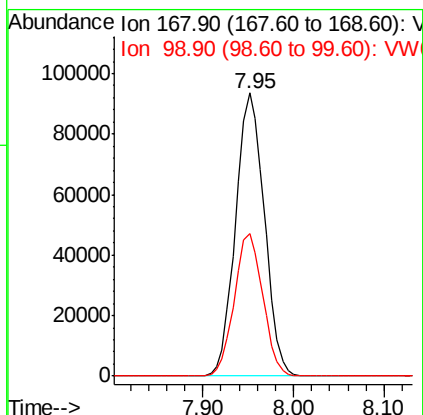
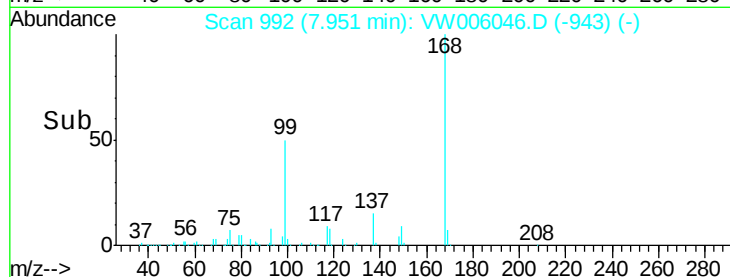
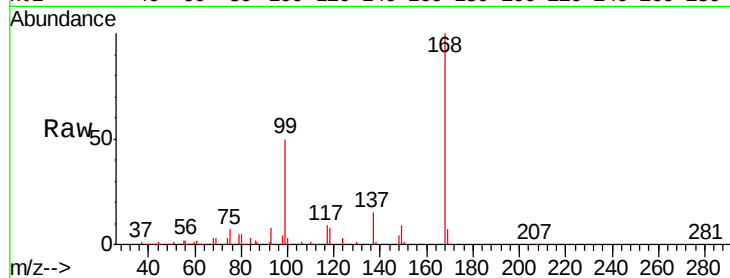


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW006046.D
 Acq: 12 Oct 2018 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-101118

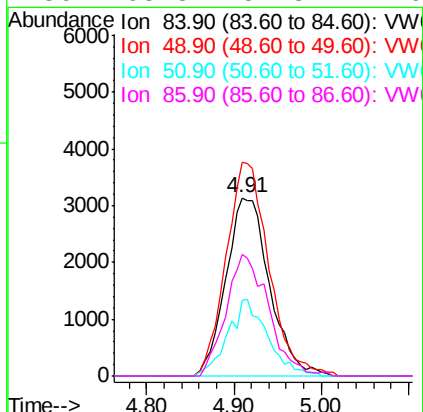
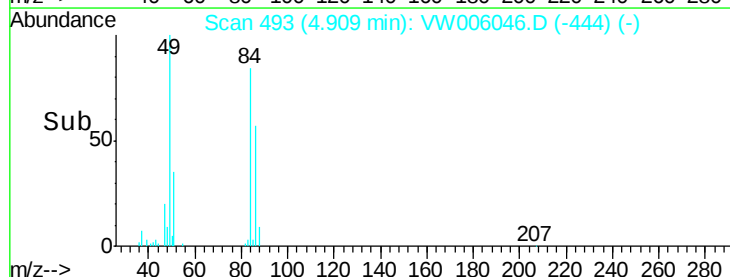
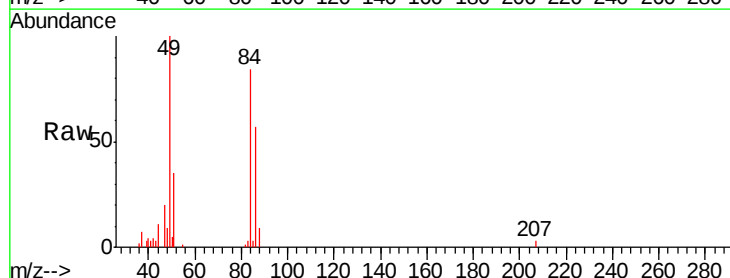
Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.2	40.9	61.3

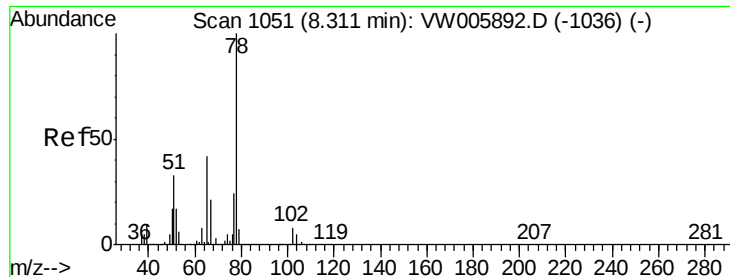


#20

Methylene Chloride
 Concen: 5.44 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW006046.D
 Acq: 12 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	99.9	149.9
51	42.1	31.1	46.7
86	68.3	51.8	77.6





#33

1,2-Dichloroethane-d4

Concen: 57.44 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

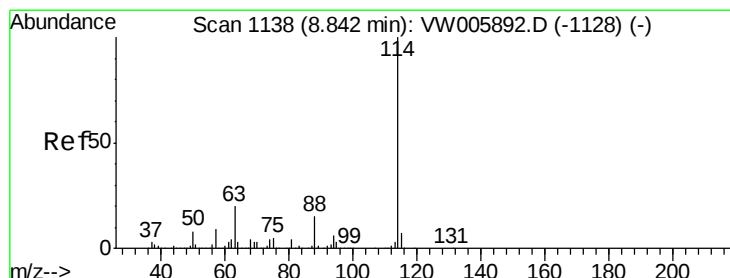
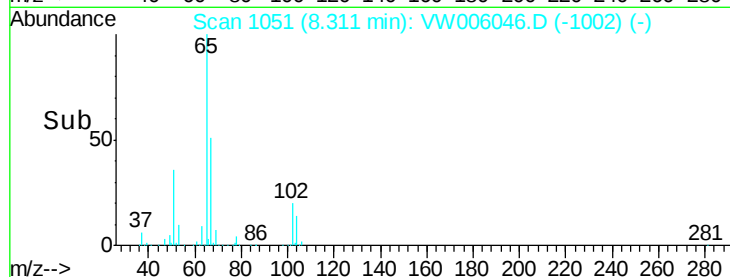
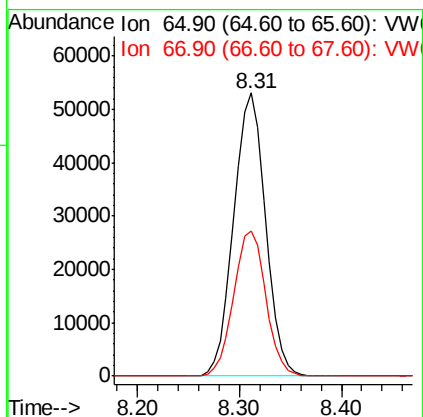
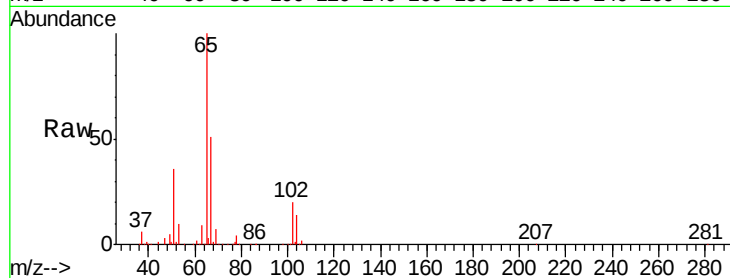
BU-01-101118

Tgt Ion: 65 Resp: 114810

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

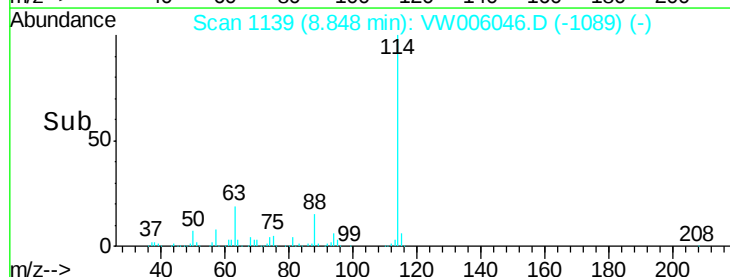
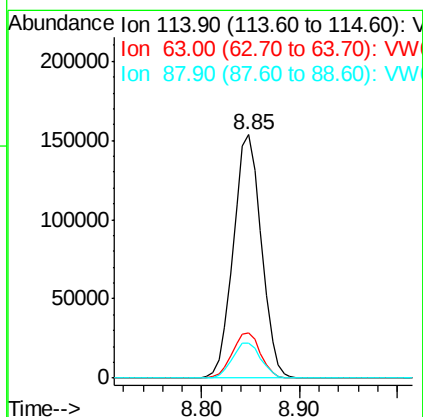
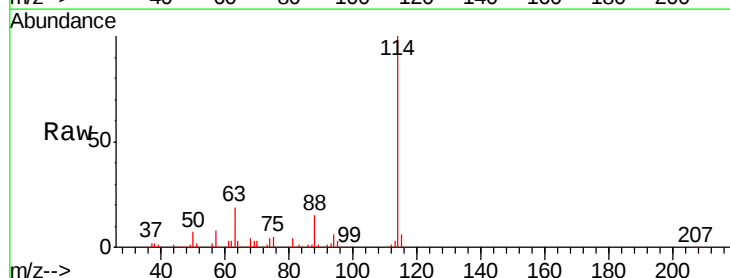
Tgt Ion: 114 Resp: 305927

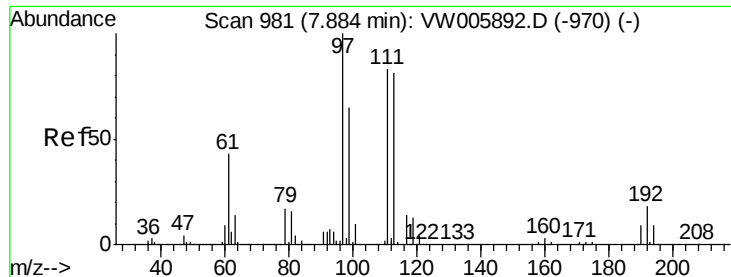
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

88 14.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.85 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

BU-01-101118

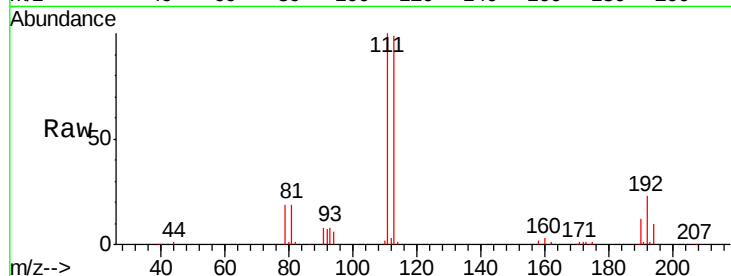
Tgt Ion:113 Resp: 105187

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 23.1 18.3 27.5

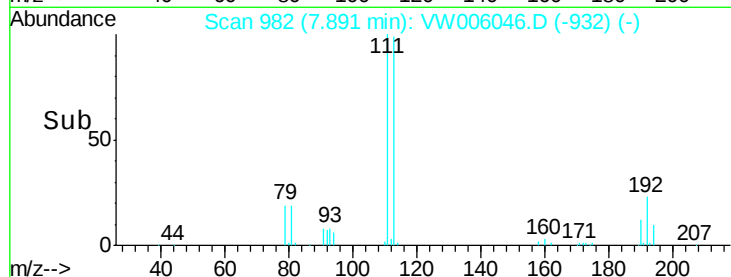


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



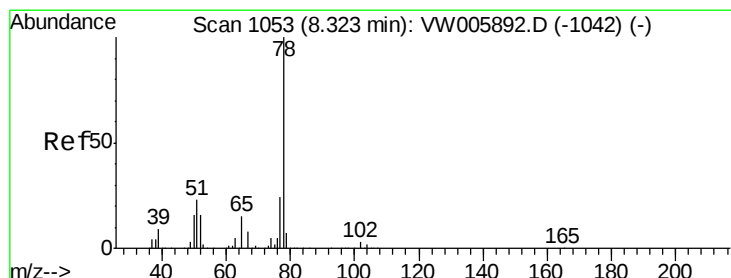
Abundance

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

Time-->



#40

Benzene

Concen: 1.01 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW006046.D

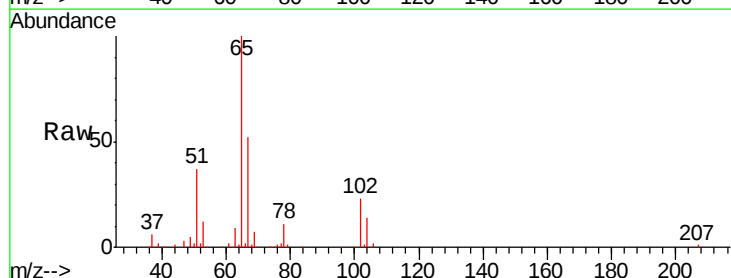
Acq: 12 Oct 2018 13:41

Tgt Ion: 78 Resp: 8069

Ion Ratio Lower Upper

78 100

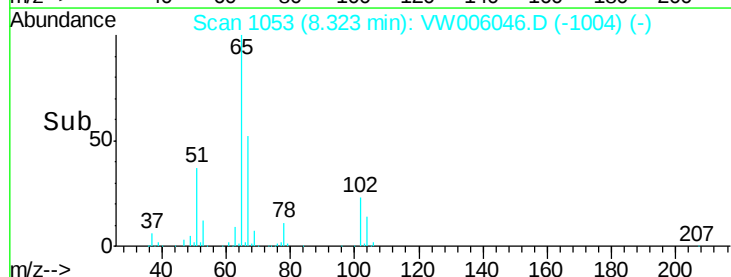
77 20.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time-->

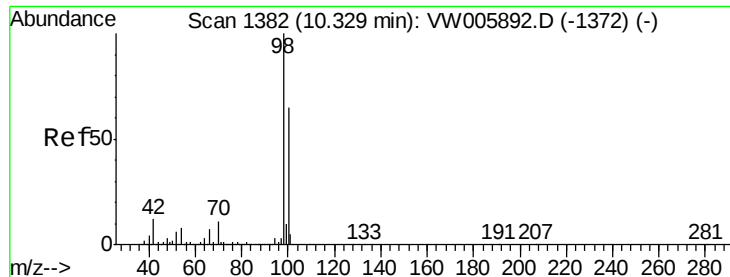


Abundance

Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

Time-->



#50

Toluene-d8

Concen: 46.07 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

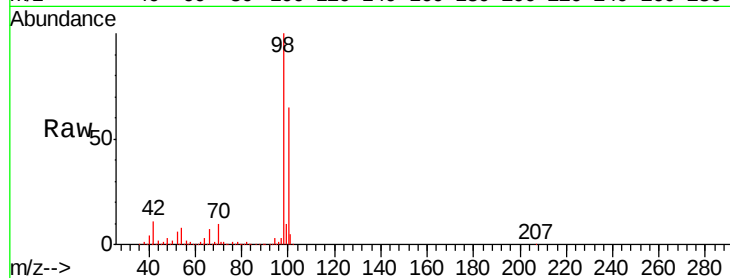
BU-01-101118

Tgt Ion: 98 Resp: 346216

Ion Ratio Lower Upper

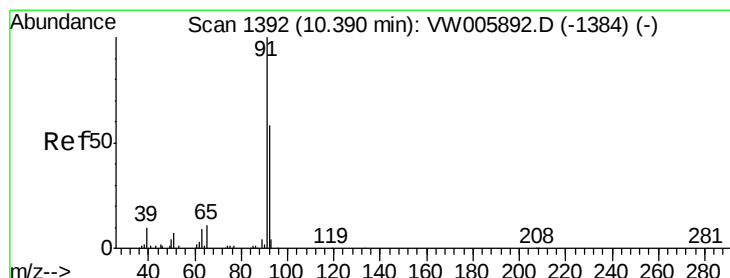
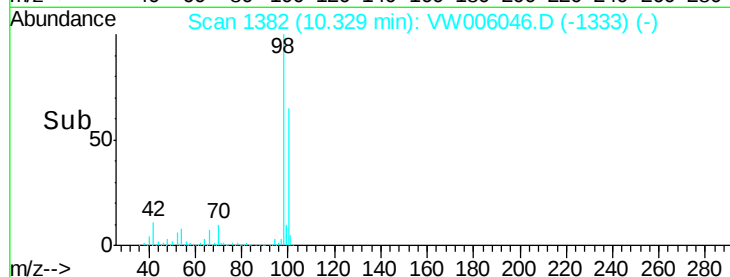
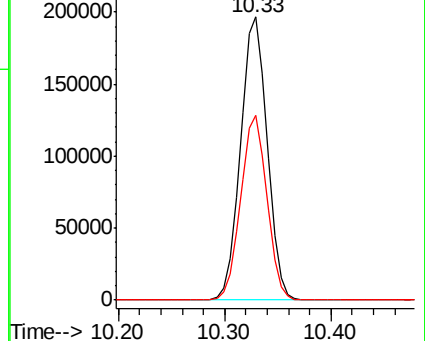
98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 8.16 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006046.D

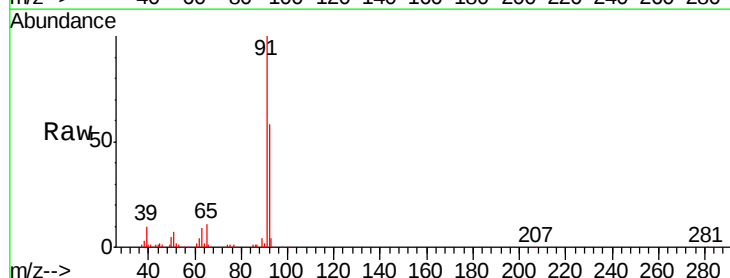
Acq: 12 Oct 2018 13:41

Tgt Ion: 92 Resp: 43029

Ion Ratio Lower Upper

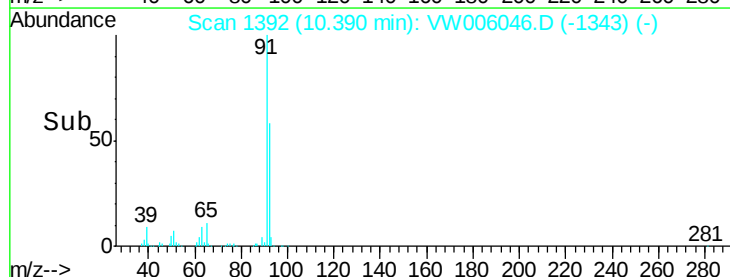
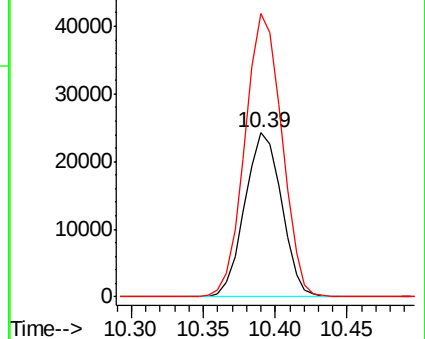
92 100

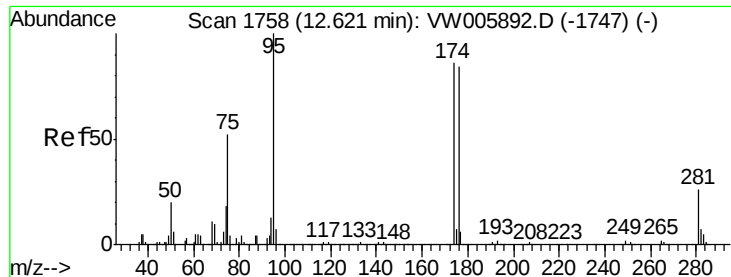
91 172.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

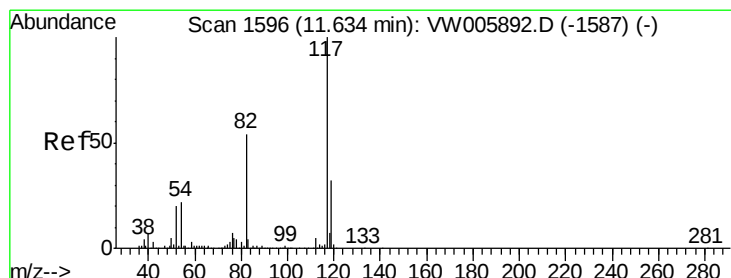
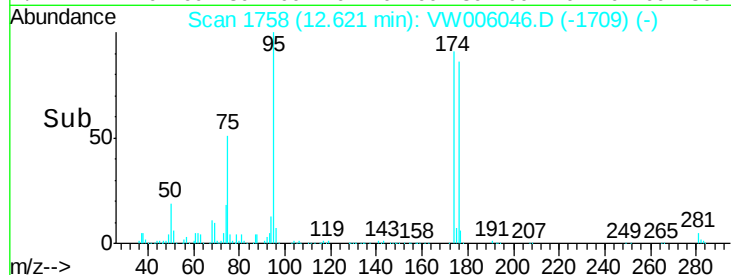
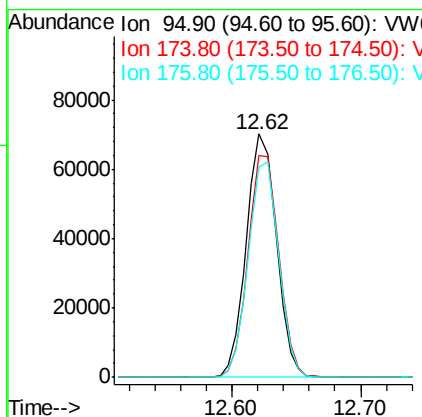
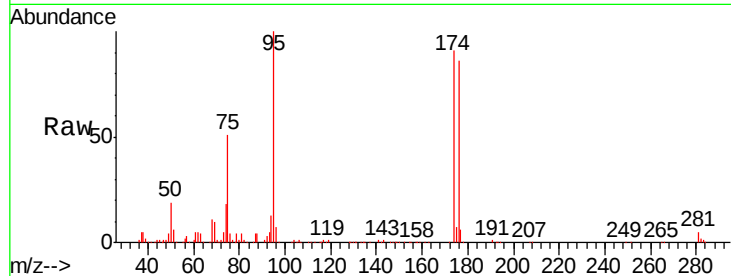




#62
4-Bromofluorobenzene
Concen: 39.71 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006046.D
Acq: 12 Oct 2018 13:41

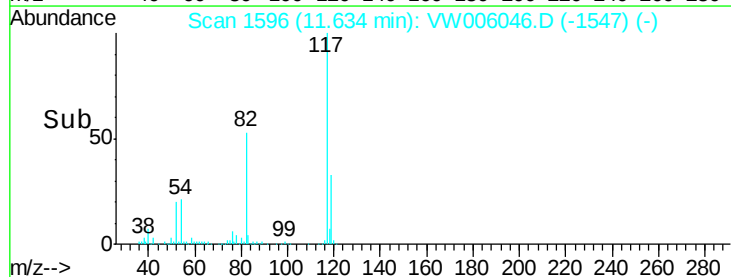
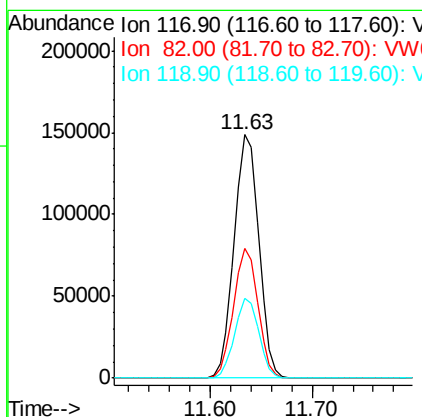
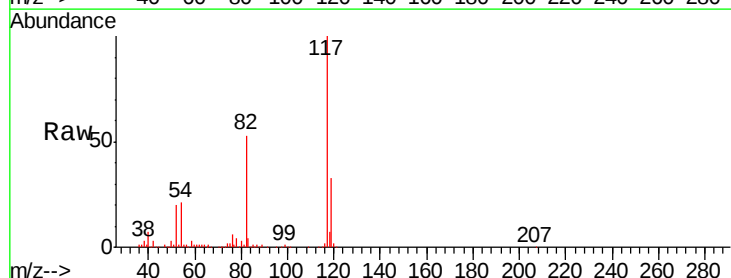
Instrument :
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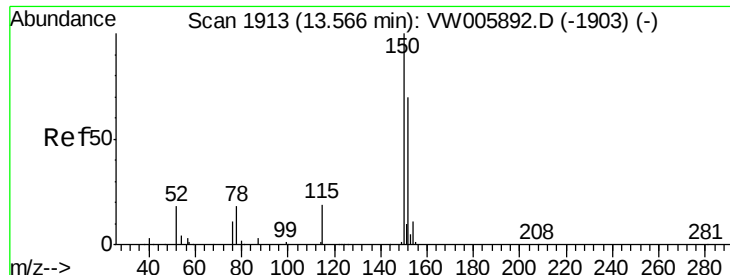
Tgt Ion: 95 Resp: 113549
Ion Ratio Lower Upper
95 100
174 92.9 0.0 176.4
176 89.1 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006046.D
Acq: 12 Oct 2018 13:41

Tgt Ion: 117 Resp: 248775
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006046.D

Acq: 12 Oct 2018 13:41

Instrument :

MSVOA_W

ClientSampleId :

BU-01-101118

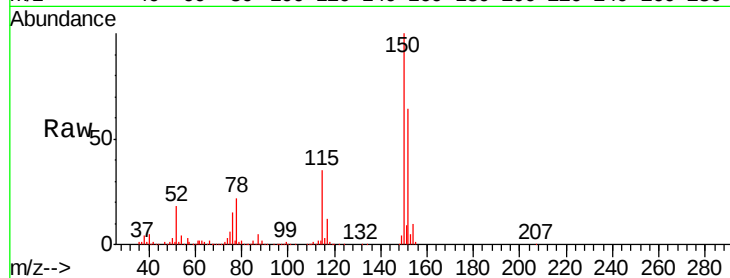
Tgt Ion:152 Resp: 96675

Ion Ratio Lower Upper

152 100

115 55.9 28.3 85.0

150 157.2 0.0 349.2



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

