

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006118.D
 Acq On : 17 Oct 2018 10:23
 Operator : VA/AP
 Sample : J5200-11
 Misc : 6.70G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-101618-B

Quant Time: Oct 17 12:05:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

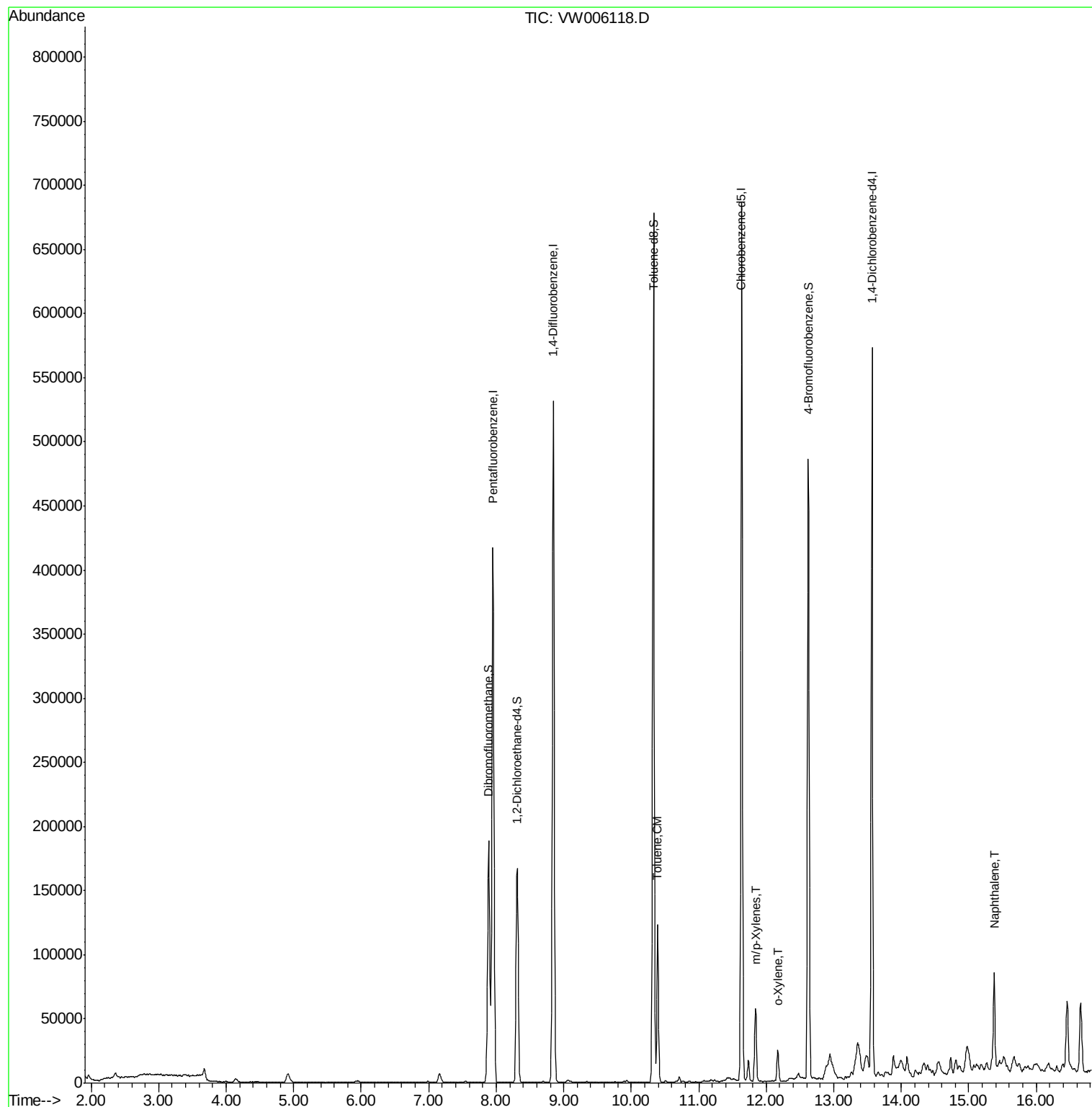
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	475161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136316	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.89	113	131495	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	10.33	98	460676	43.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.26%	
62) 4-Bromofluorobenzene	12.62	95	148341	36.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.94%	
Target Compounds						
52) Toluene	10.39	92	52786	6.554	ug/l	97
68) m/p-Xylenes	11.84	106	18136	3.137	ug/l	100
69) o-Xylene	12.17	106	6522	1.184	ug/l	96
95) Naphthalene	15.38	128	68587	10.965	ug/l	99

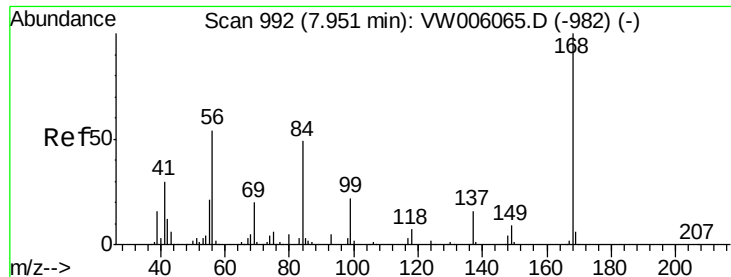
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 17 12:05:01 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006118.D

Acq: 17 Oct 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

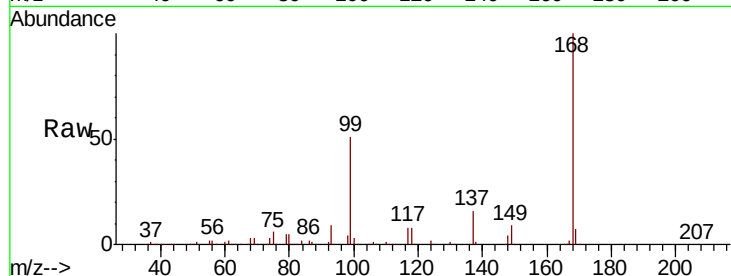
OR-01-101618-B

Tot Ion:168 Resp: 331748

Ion Ratio Lower Upper

168 100

99 50.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

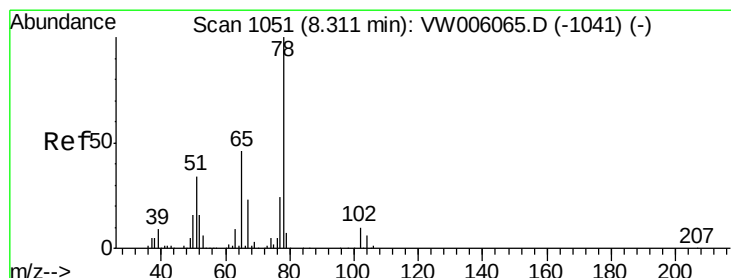
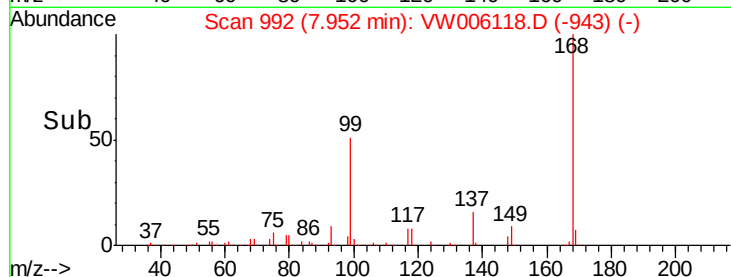
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 49.563 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006118.D

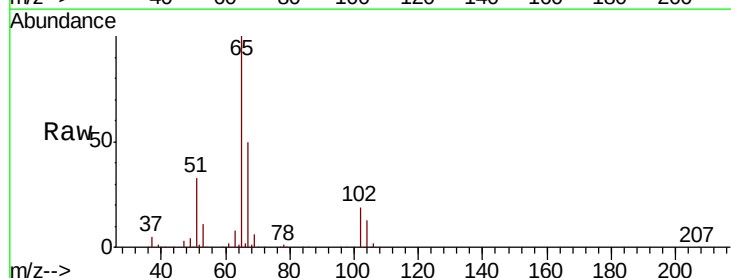
Acq: 17 Oct 2018 10:23

Tgt Ion: 65 Resp: 136316

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

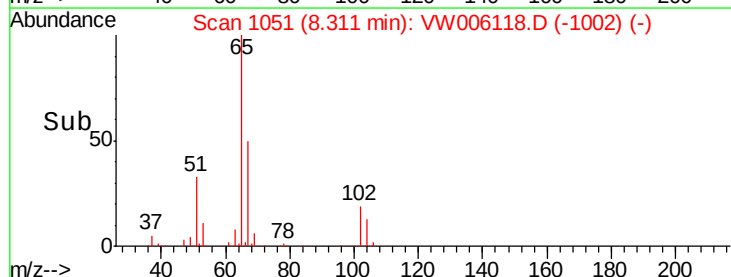
60000

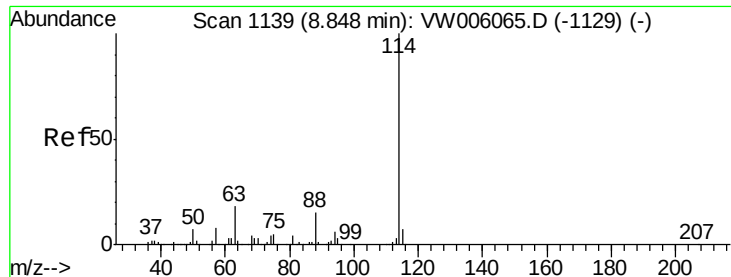
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006118.D

Acq: 17 Oct 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

OR-01-101618-B

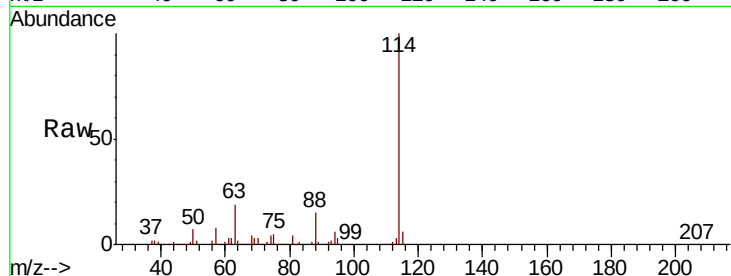
Tot Ion:114 Resp: 475161

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

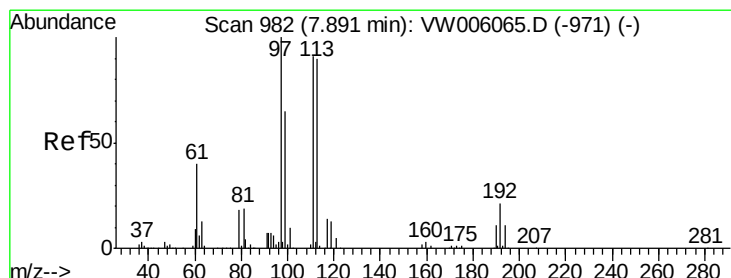
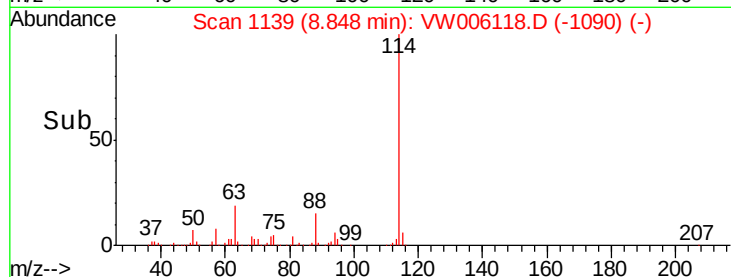
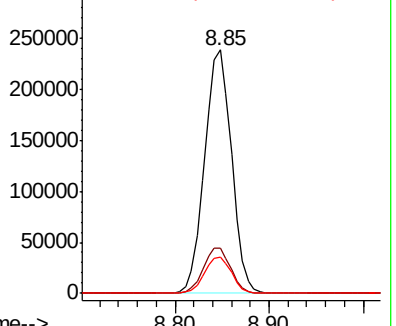
88 15.1 0.0 29.0



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: 46.834 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006118.D

Acq: 17 Oct 2018 10:23

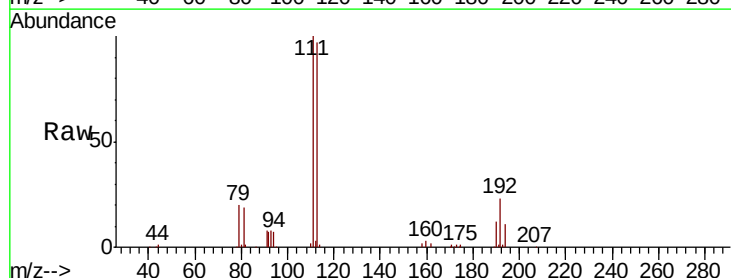
Tgt Ion:113 Resp: 131495

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

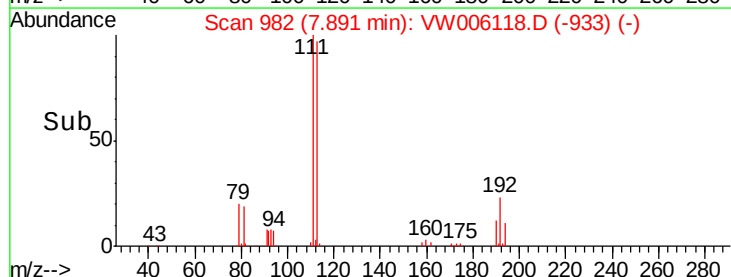
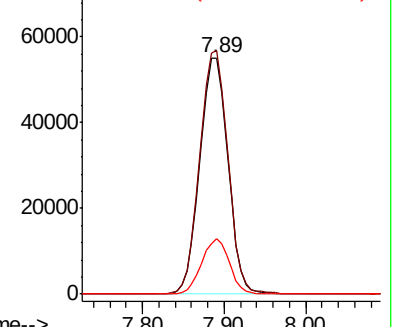
192 23.0 18.7 28.1

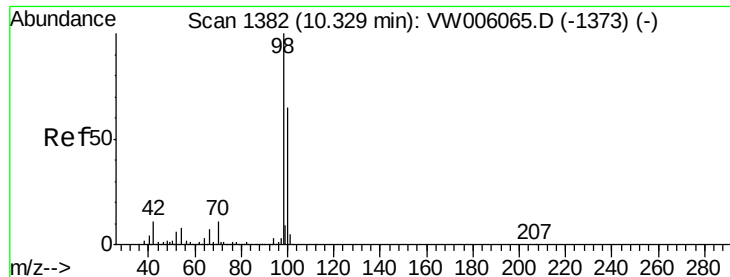


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

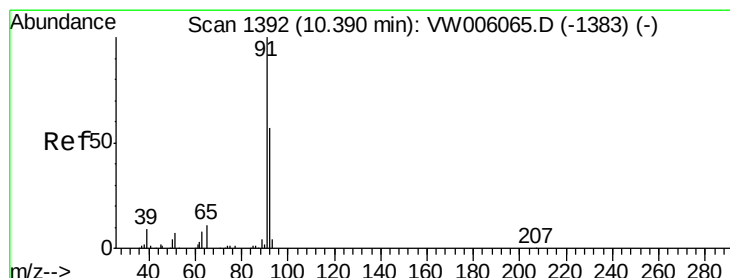
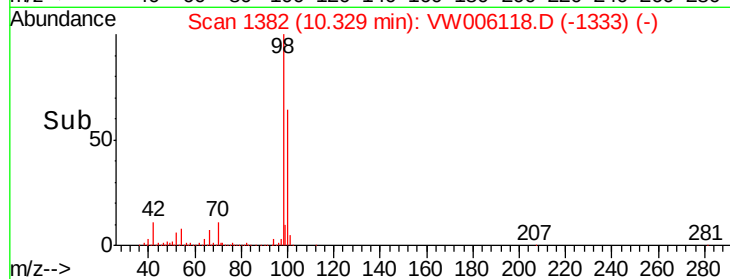
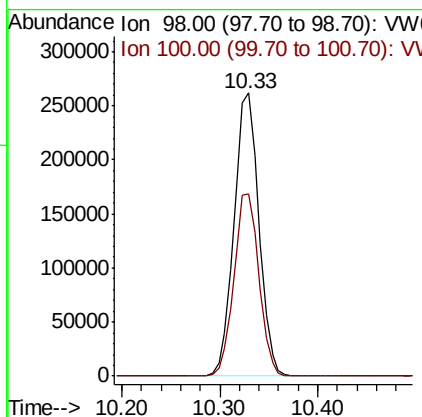
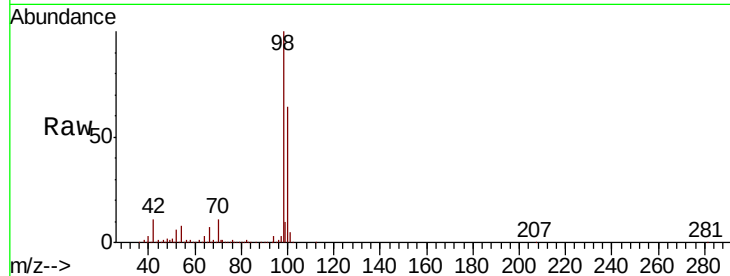




#50
Toluene-d8
Concen: 43.127 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006118.D
Acq: 17 Oct 2018 10:23

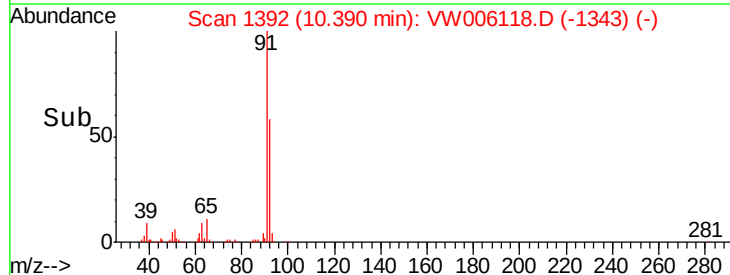
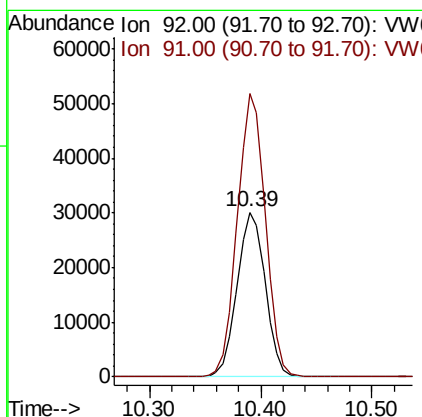
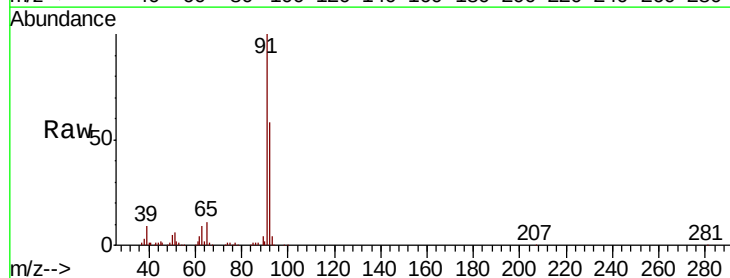
Instrument :
MSVOA_W
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OR-01-101618-B

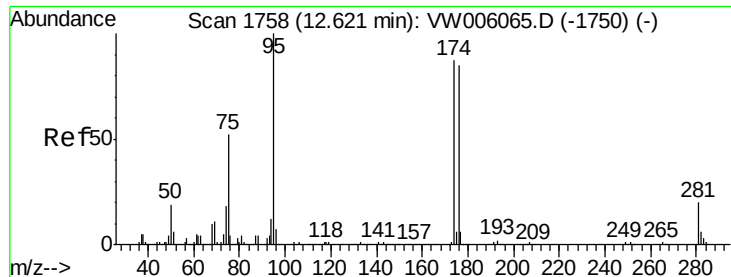
Tot Ion: 98 Resp: 460676
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#52
Toluene
Concen: 6.554 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006118.D
Acq: 17 Oct 2018 10:23

Tgt Ion: 92 Resp: 52786
Ion Ratio Lower Upper
92 100
91 171.4 140.0 210.0

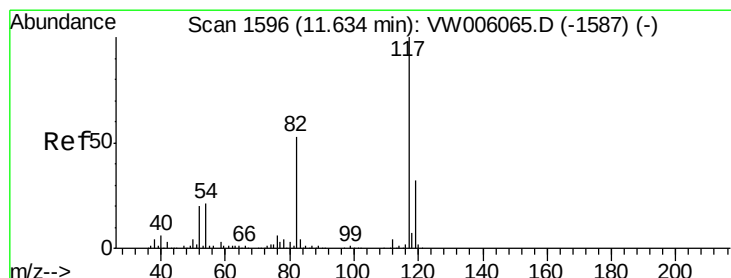
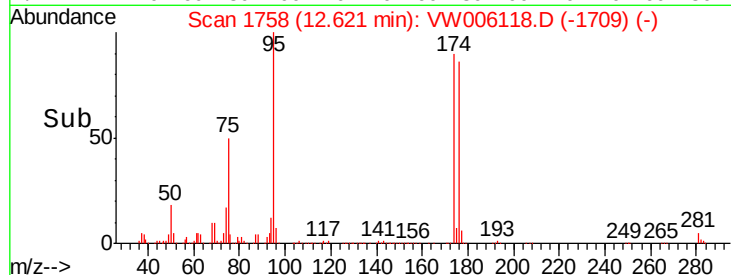
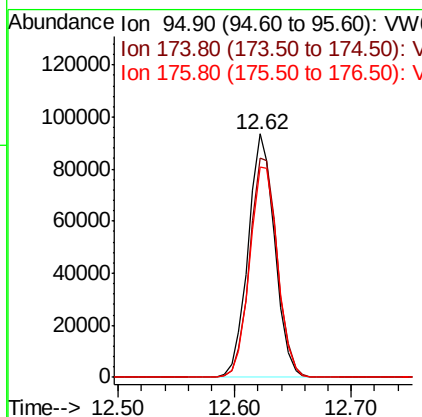
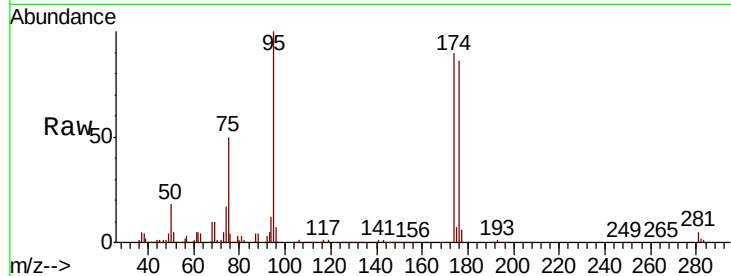




#62
4-Bromofluorobenzene
Concen: 36.974 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006118.D
Acq: 17 Oct 2018 10:23

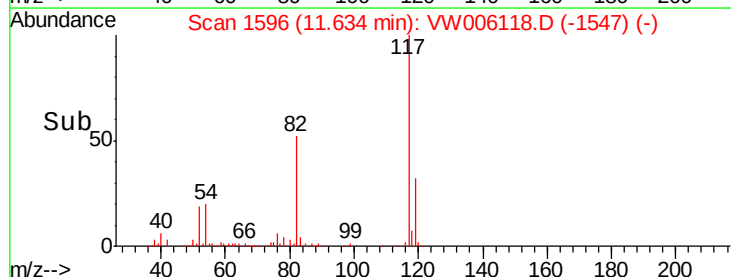
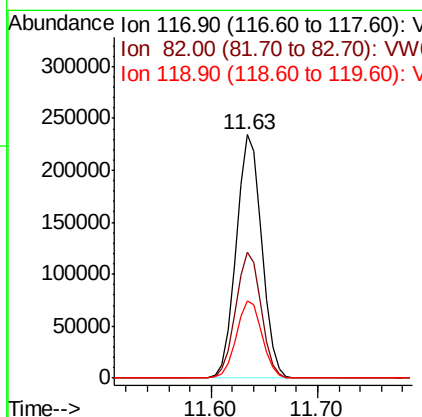
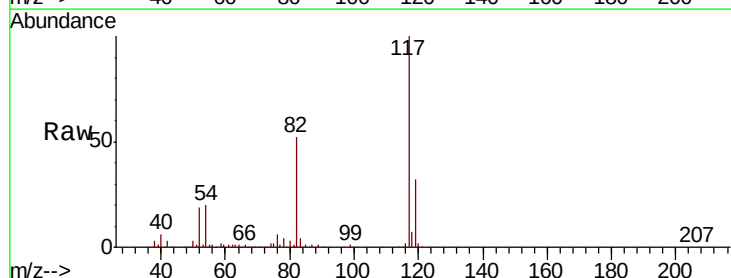
Instrument :
MSVOA_W
ClientSampleId :
OR-01-101618-B

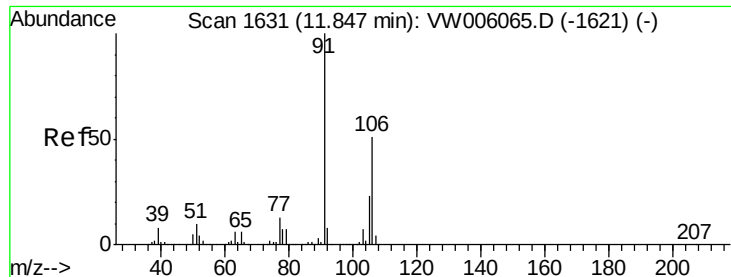
Tot Ion: 95 Resp: 148341
Ion Ratio Lower Upper
95 100
174 93.8 0.0 186.0
176 90.9 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006118.D
Acq: 17 Oct 2018 10:23

Tgt Ion: 117 Resp: 394254
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 31.7 25.8 38.6

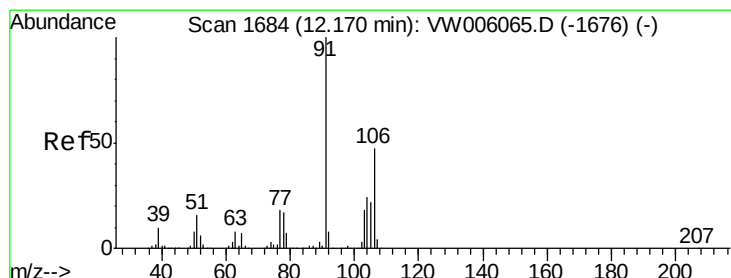
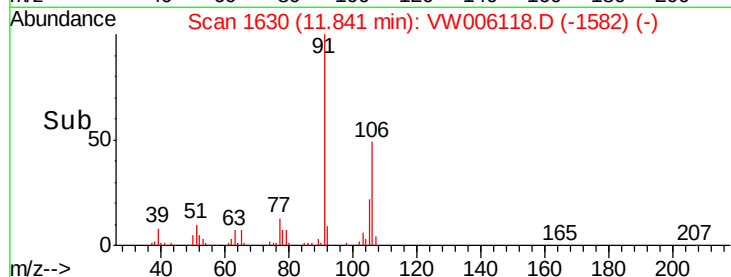
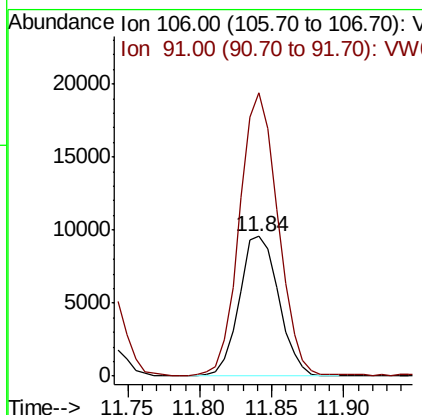
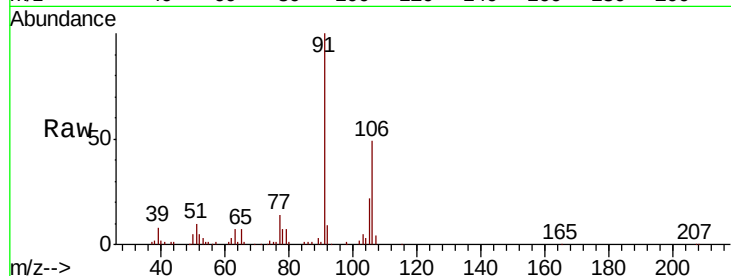




#68
m/p-Xylenes
Concen: 3.137 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006118.D
Acq: 17 Oct 2018 10:23

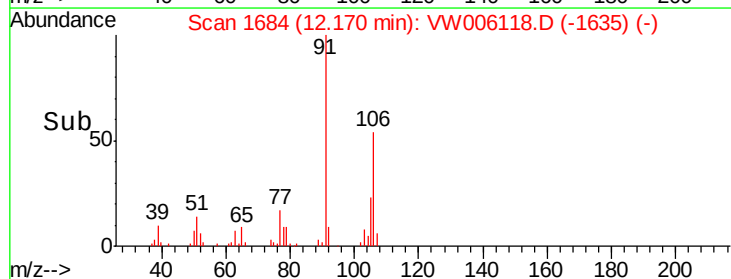
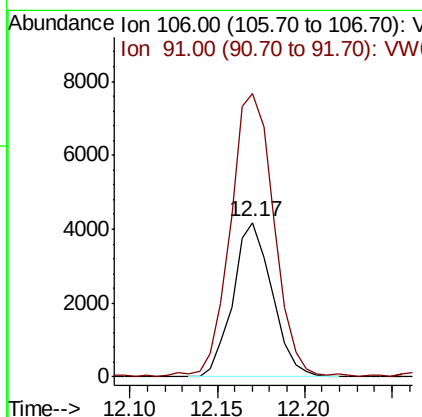
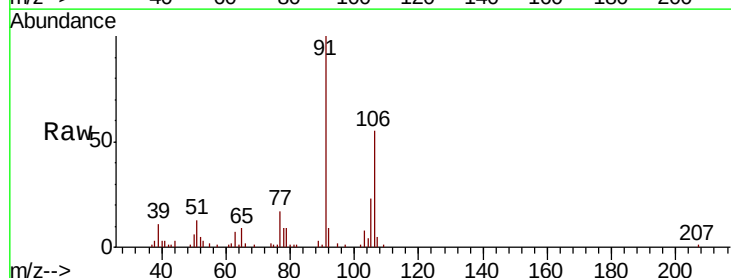
Instrument :
MSVOA_W
ClientSampleId :
OR-01-101618-B

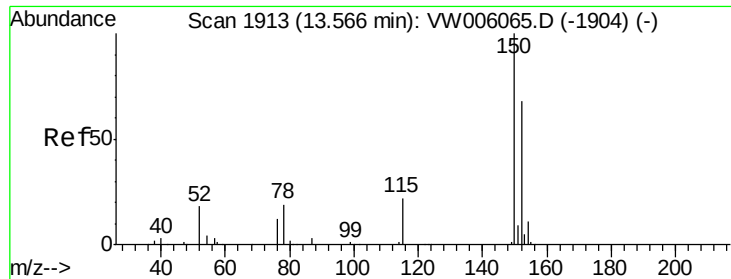
Tot Ion:106 Resp: 18136
Ion Ratio Lower Upper
106 100
91 198.5 159.1 238.7



#69
o-Xylene
Concen: 1.184 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006118.D
Acq: 17 Oct 2018 10:23

Tgt Ion:106 Resp: 6522
Ion Ratio Lower Upper
106 100
91 204.6 105.4 316.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006118.D

Acq: 17 Oct 2018 10:23

Instrument :

MSVOA_W

ClientSampleId :

OR-01-101618-B

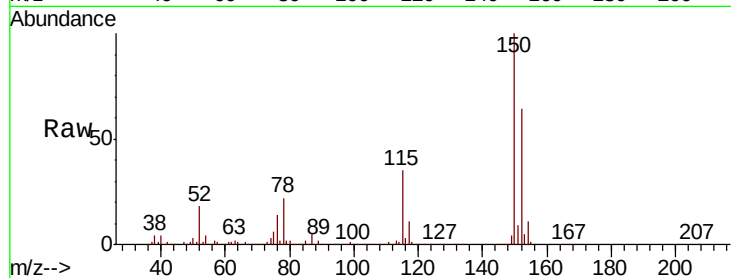
Tot Ion:152 Resp: 159093

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

150 156.4 0.0 349.2

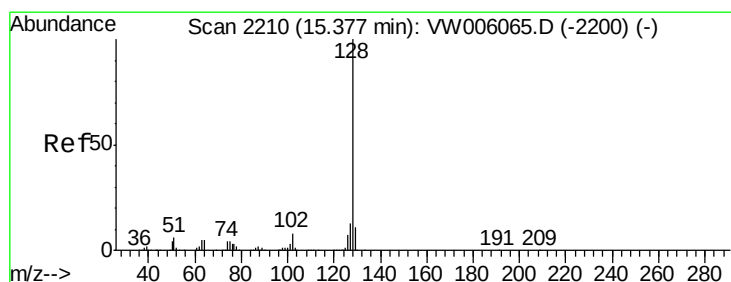
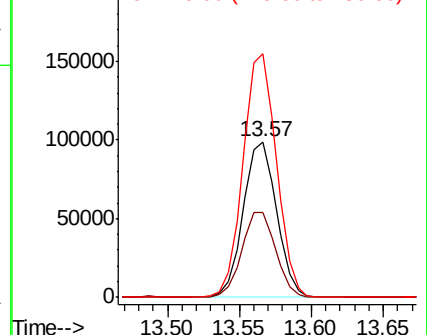
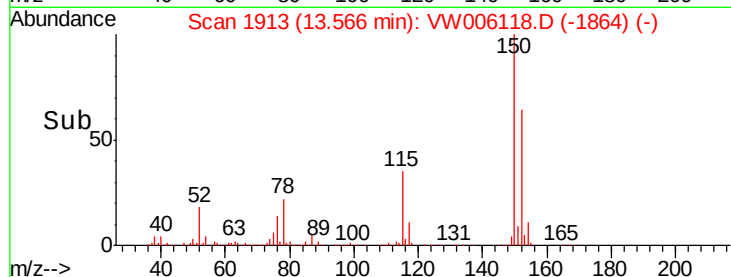


Abundance

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



#95

Naphthalene

Concen: 10.965 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006118.D

Acq: 17 Oct 2018 10:23

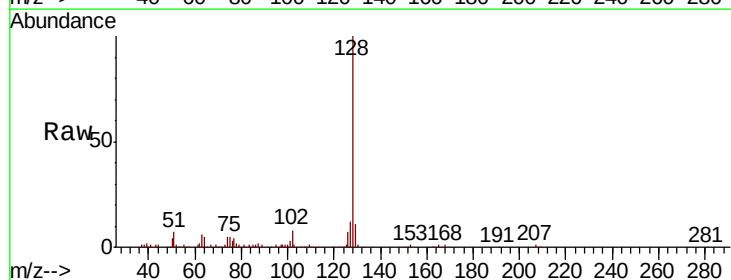
Tgt Ion:128 Resp: 68587

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.3 8.7 13.1



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

