

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006171.D
 Acq On : 18 Oct 2018 13:09
 Operator : VA/AP
 Sample : VW1018SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBL01

Quant Time: Oct 19 06:47:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	392869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	103053	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	
35) Dibromofluoromethane	7.88	113	105866	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	10.33	98	414047	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.62	95	150400	45.34	ug/l	0.00
Spiked Amount			Recovery	=	90.68%	

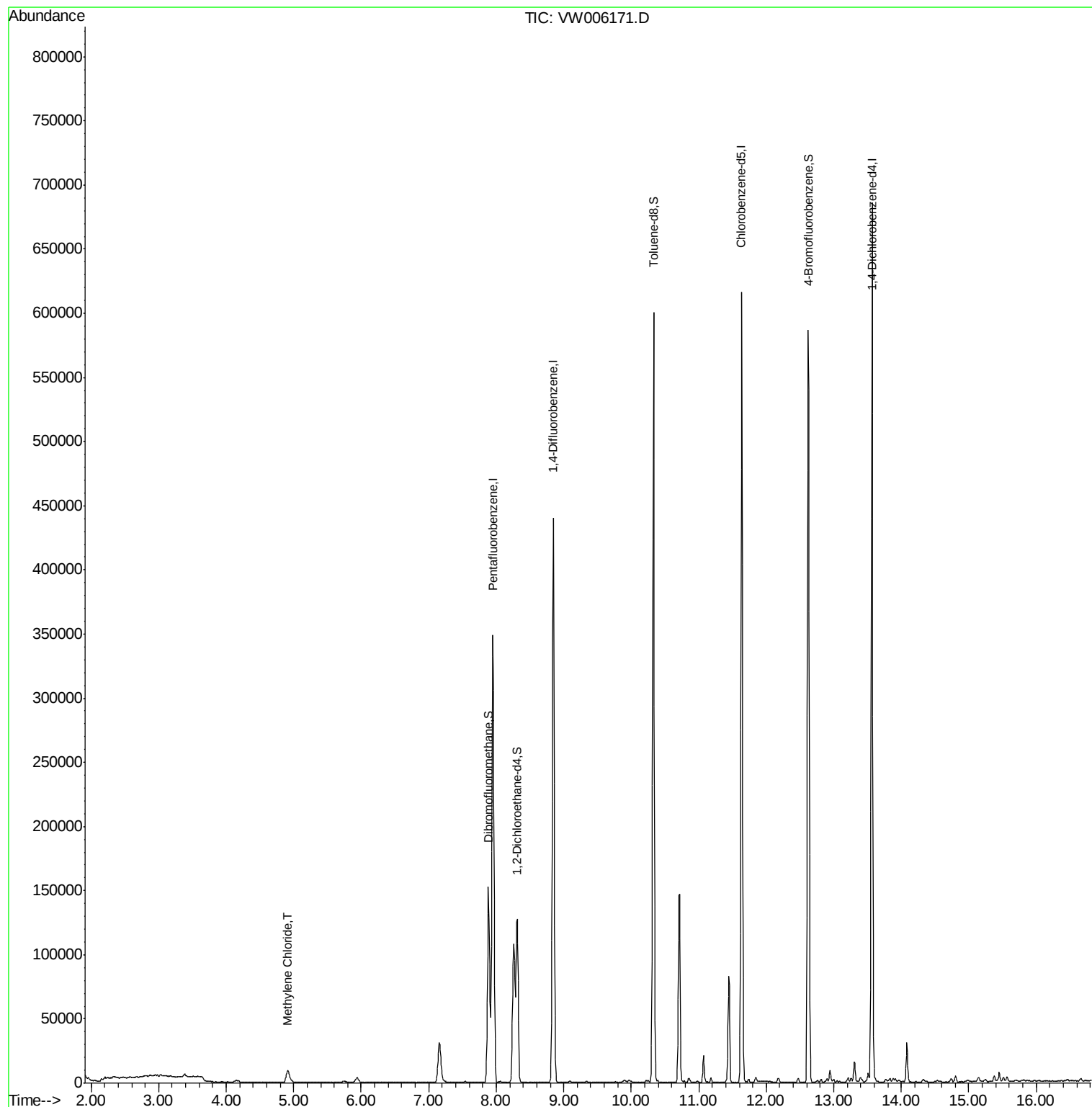
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	7514	1.45	ug/l	96

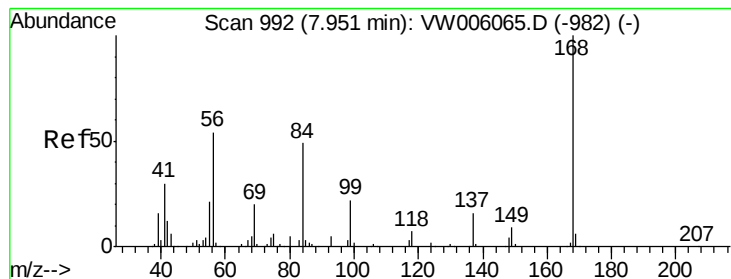
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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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: VW006171.D

Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

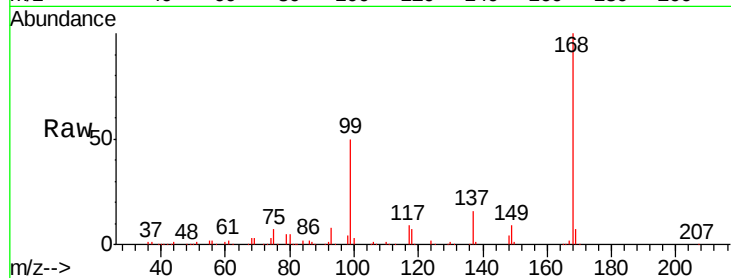
VW1018SBL01

Tgt Ion: 168 Resp: 282851

Ion Ratio Lower Upper

168 100

99 50.2 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

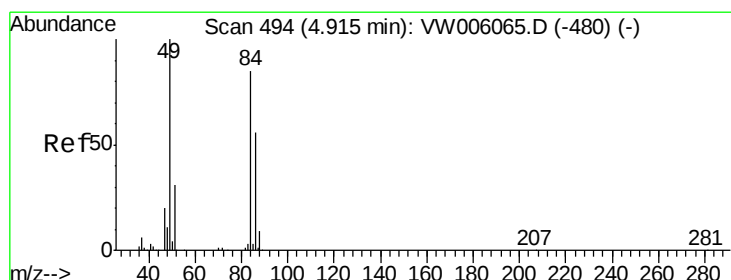
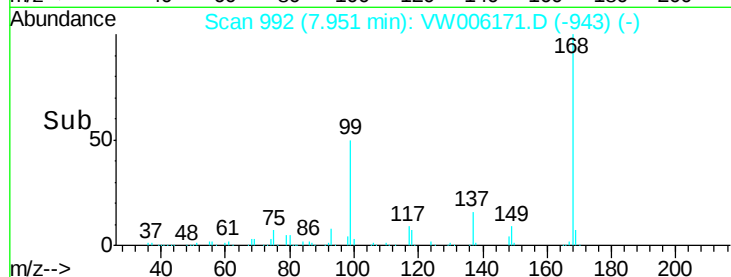
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.45 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Tgt Ion: 84 Resp: 7514

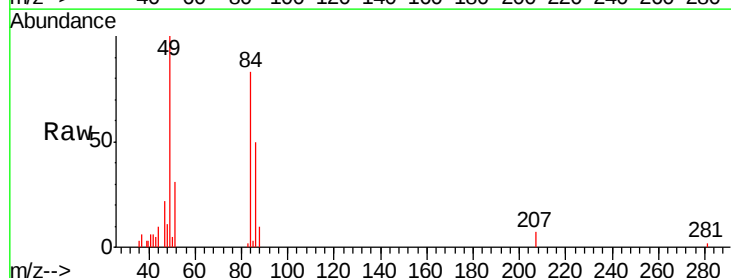
Ion Ratio Lower Upper

84 100

49 120.0 93.6 140.4

51 36.6 29.0 43.4

86 59.7 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

4000

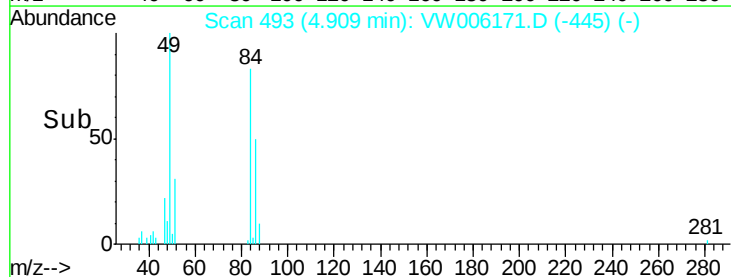
3000

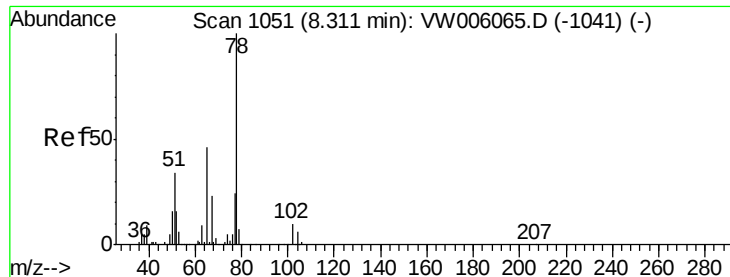
2000

1000

0

Time--> 4.80 4.85 4.90 4.95 5.00





#33

1,2-Dichloroethane-d4

Concen: 43.95 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

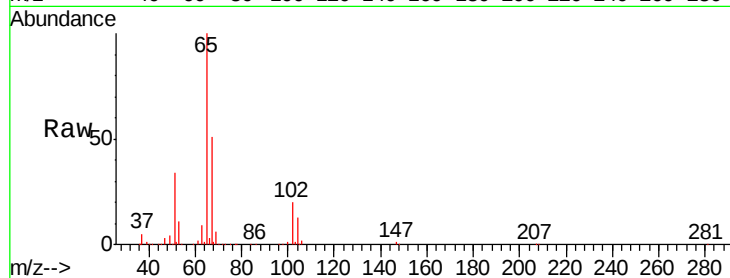
VW1018SBL01

Tgt Ion: 65 Resp: 103053

Ion Ratio Lower Upper

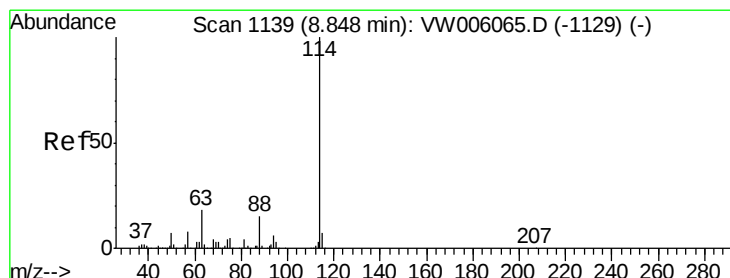
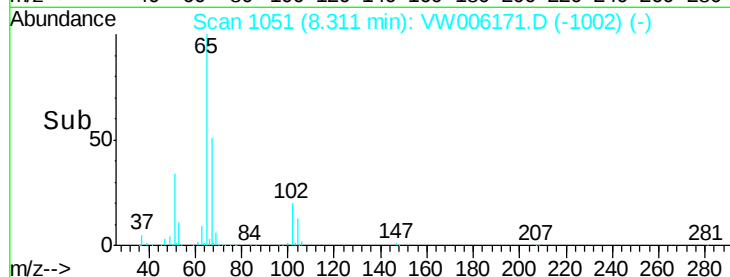
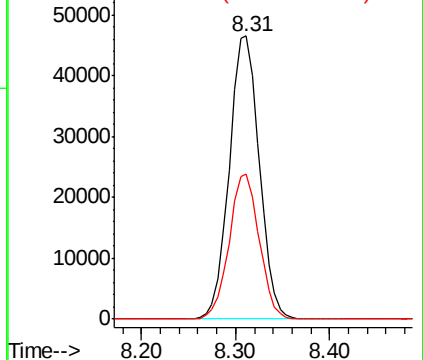
65 100

67 51.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006171.D

Acq: 18 Oct 2018 13:09

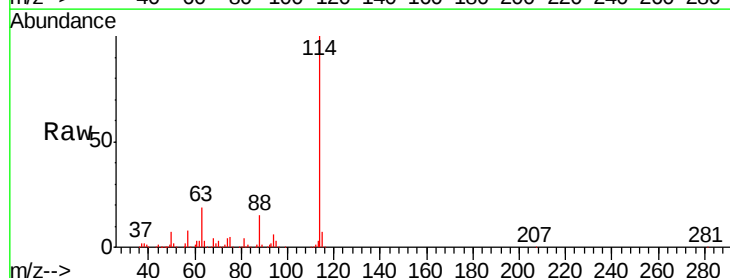
Tgt Ion: 114 Resp: 392869

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

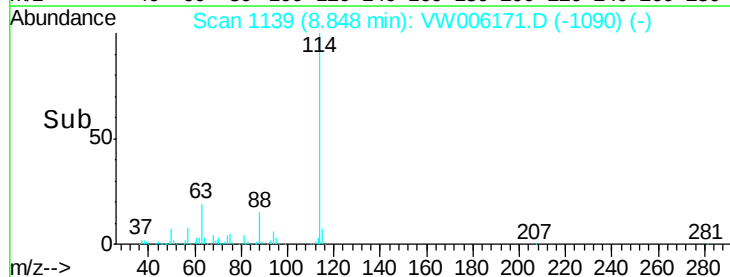
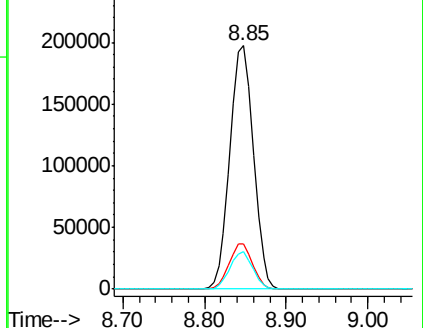
88 15.2 0.0 29.0

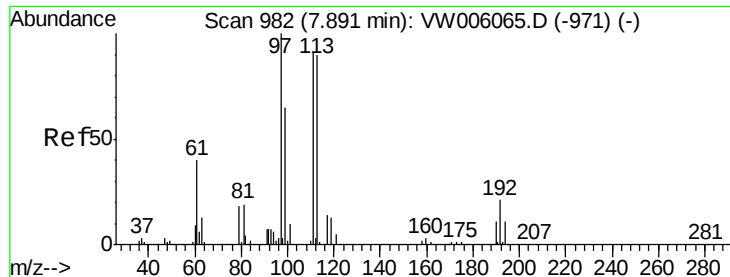


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

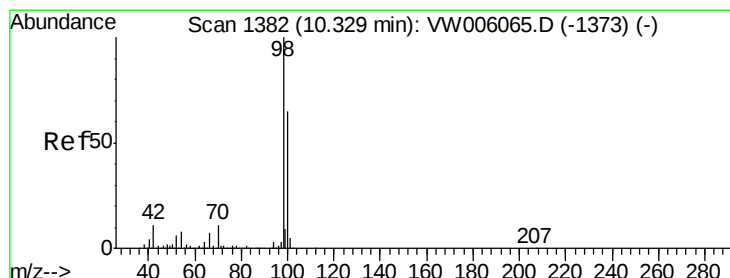
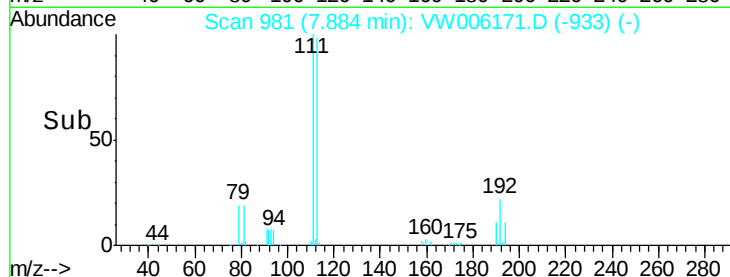
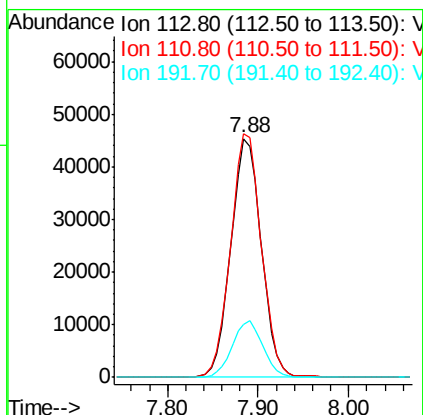
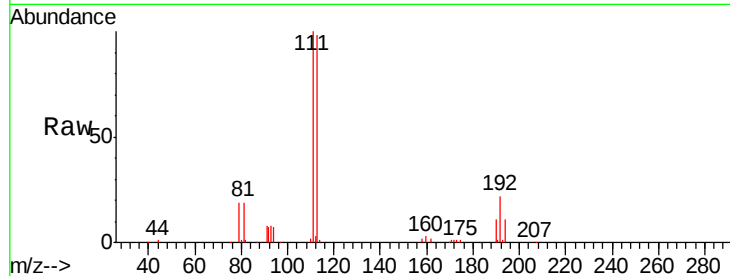




#35
 Dibromofluoromethane
 Concen: 45.60 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006171.D
 Acq: 18 Oct 2018 13:09

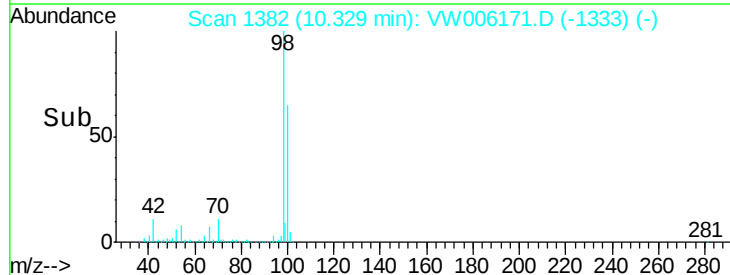
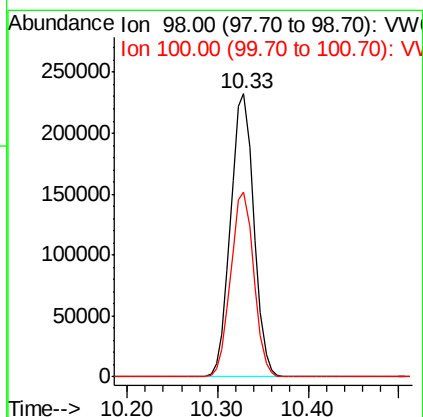
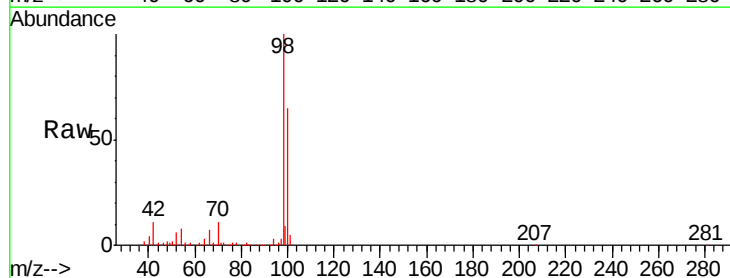
Instrument :
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 VW1018SBL01

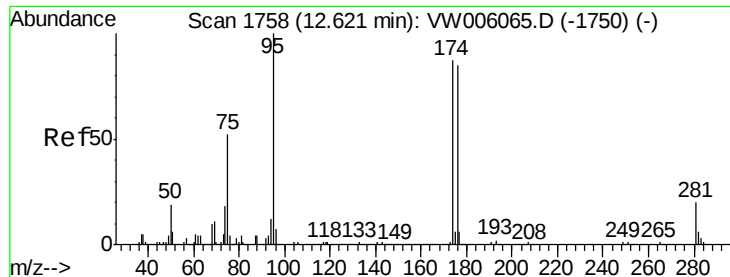
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.7	18.7	28.1



#50
 Toluene-d8
 Concen: 46.88 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006171.D
 Acq: 18 Oct 2018 13:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4

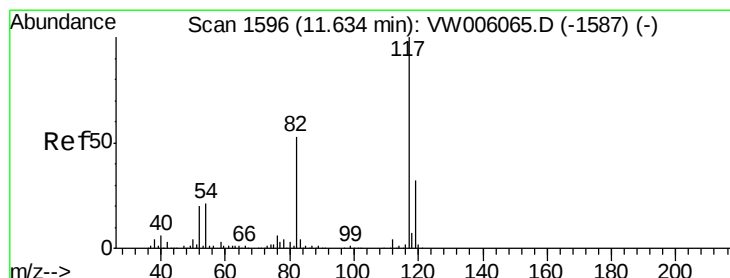
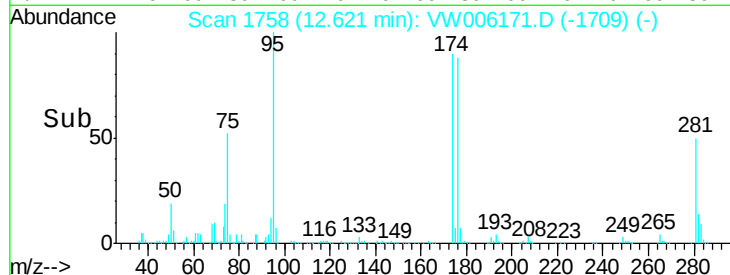
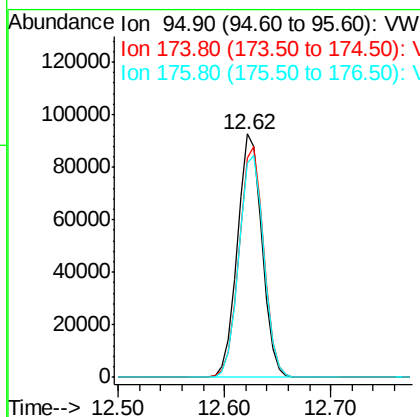
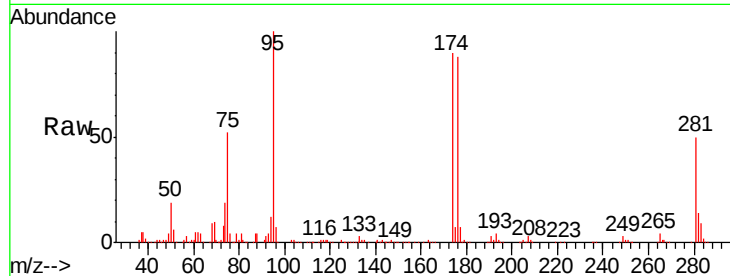




#62
4-Bromofluorobenzene
Concen: 45.34 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006171.D
Acq: 18 Oct 2018 13:09

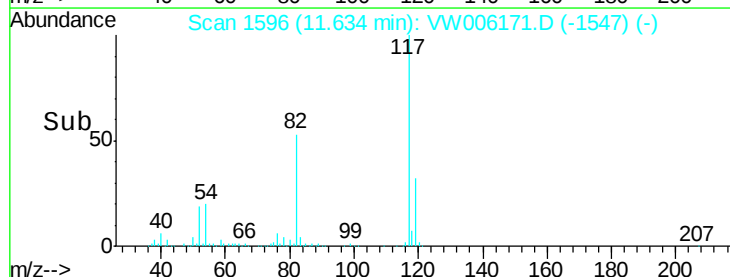
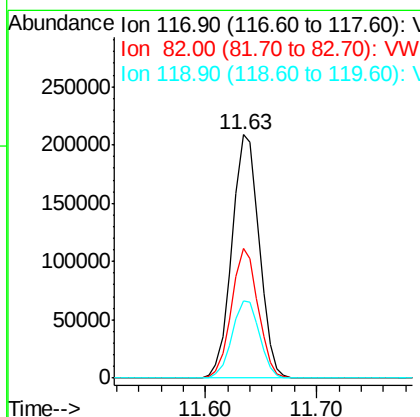
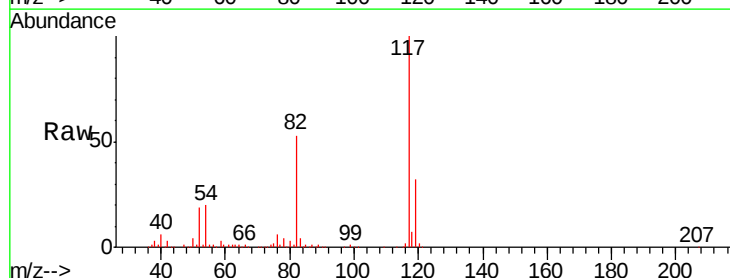
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBL01

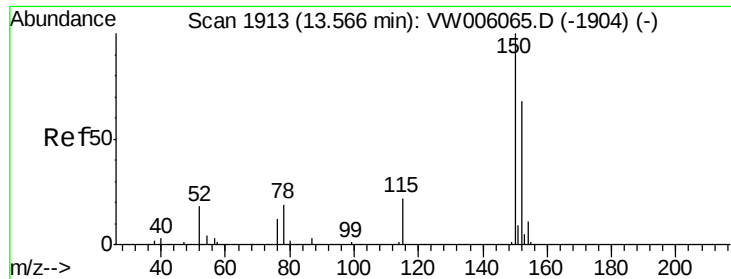
Tgt Ion: 95 Resp: 150400
Ion Ratio Lower Upper
95 100
174 94.8 0.0 186.0
176 92.4 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006171.D
Acq: 18 Oct 2018 13:09

Tgt Ion: 117 Resp: 353389
Ion Ratio Lower Upper
117 100
82 53.3 42.1 63.1
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006171.D

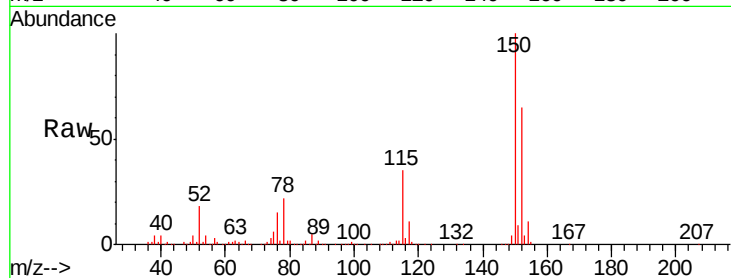
Acq: 18 Oct 2018 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBL01



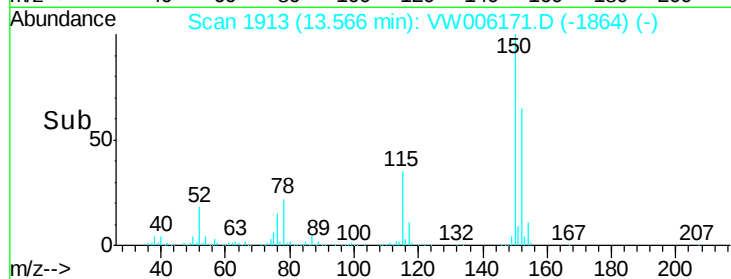
Tgt Ion:152 Resp: 188546

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

150 157.6 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

