

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003701.D
 Acq On : 03 Jul 2018 16:17
 Operator : SY/AP
 Sample : J3813-01
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 04 00:05:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

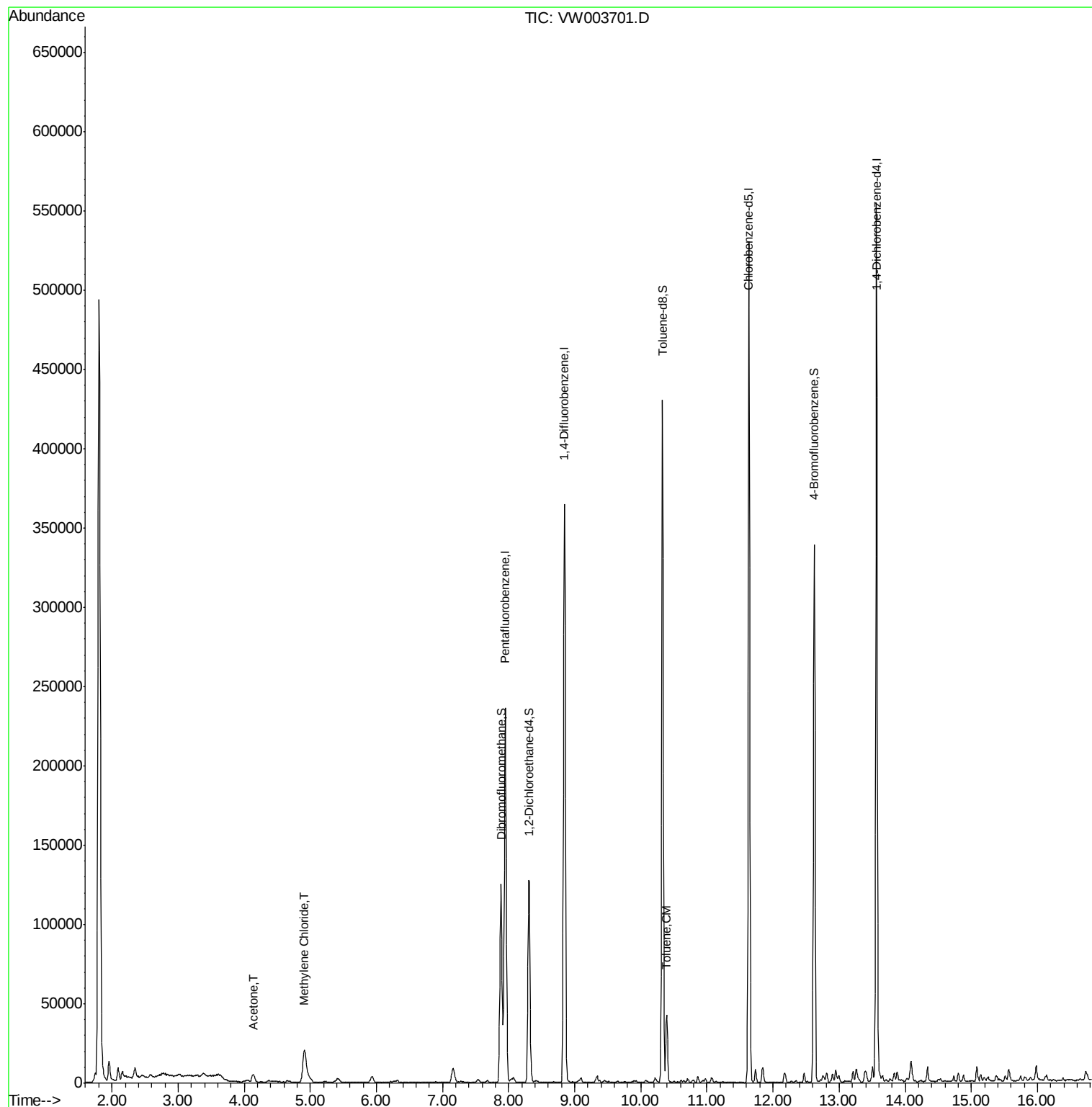
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102092	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	85340	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
50) Toluene-d8	10.33	98	277308	37.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.34%	
62) 4-Bromofluorobenzene	12.62	95	101010	37.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.38%	
Target Compounds						
16) Acetone	4.14	43	9543	19.916	ug/l	96
20) Methylene Chloride	4.91	84	19179	7.620	ug/l	91
52) Toluene	10.39	92	17196	3.352	ug/l	99

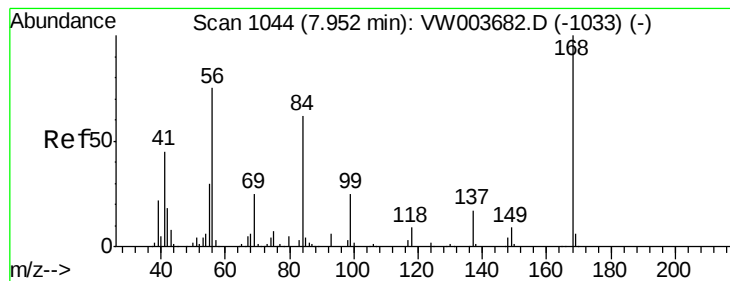
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070318\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003701.D

Acq: 03 Jul 2018 16:17

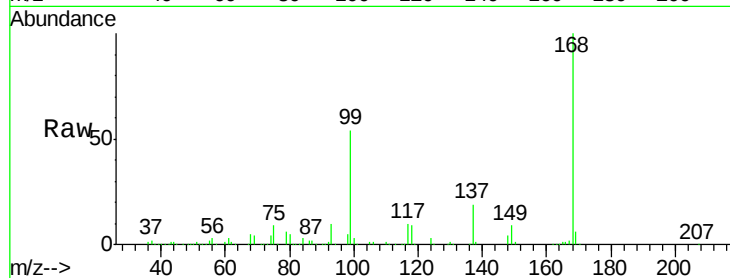
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 168373

Ion Ratio Lower Upper

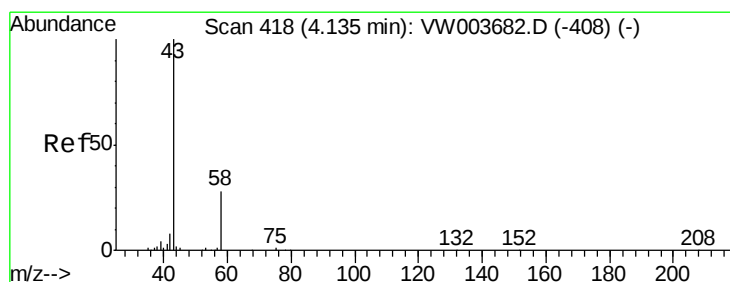
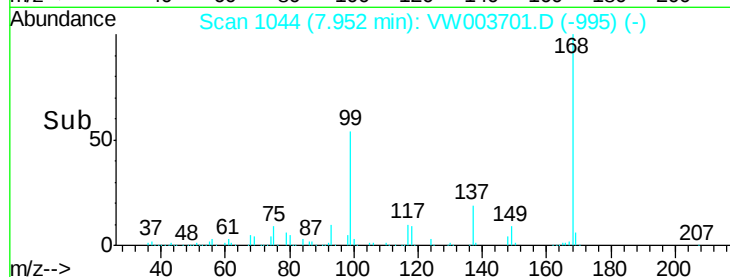
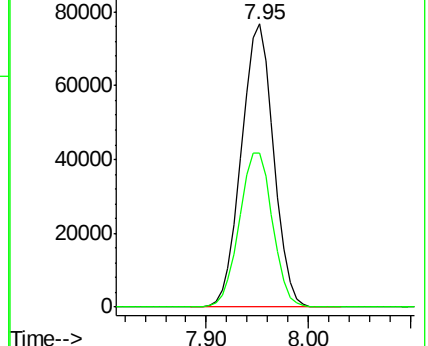
168 100

99 54.3 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 19.916 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW003701.D

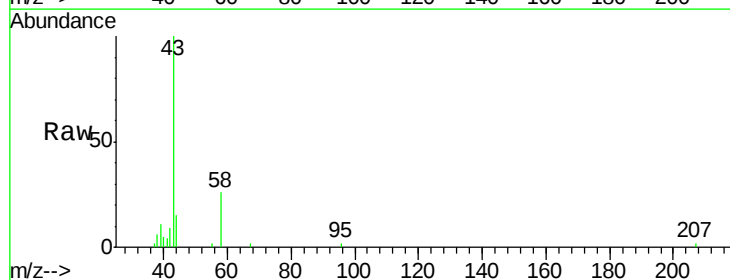
Acq: 03 Jul 2018 16:17

Tgt Ion: 43 Resp: 9543

Ion Ratio Lower Upper

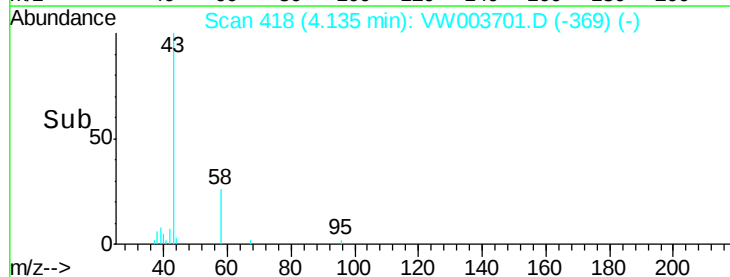
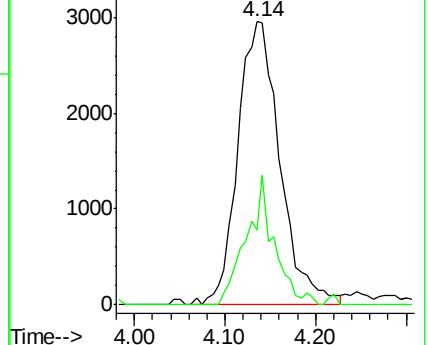
43 100

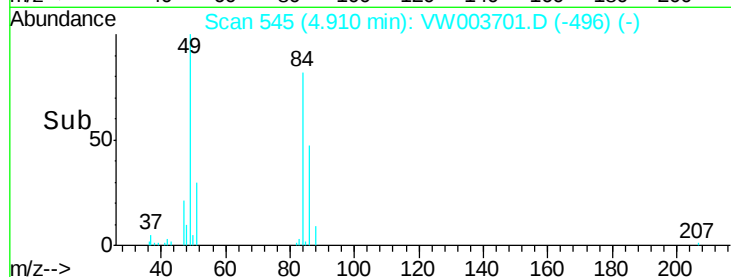
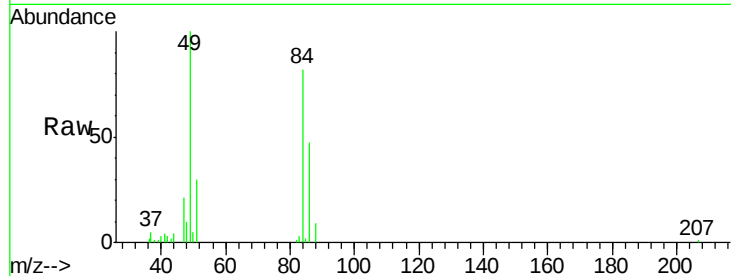
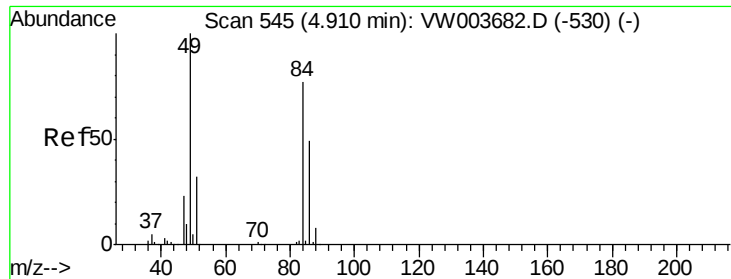
58 26.3 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

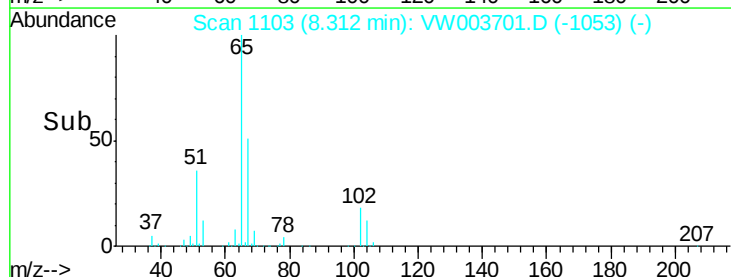
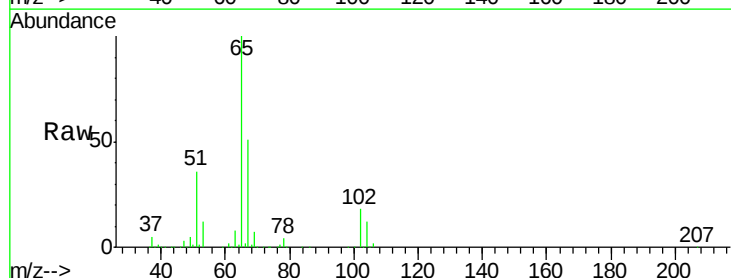
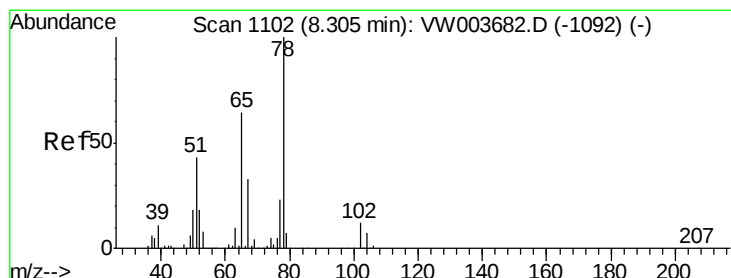
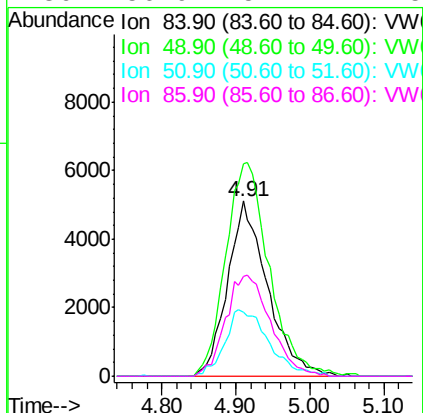




#20
Methylene Chloride
Concen: 7.620 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003701.D
Acq: 03 Jul 2018 16:17

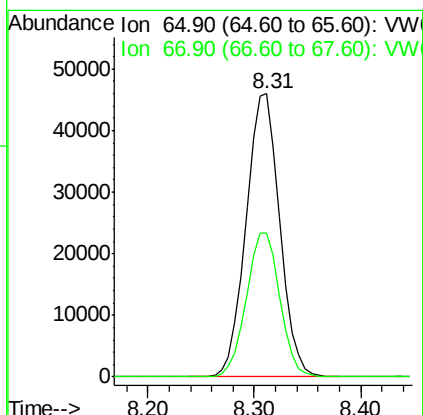
Instrument :
MSVOA_W
ClientSampleId :

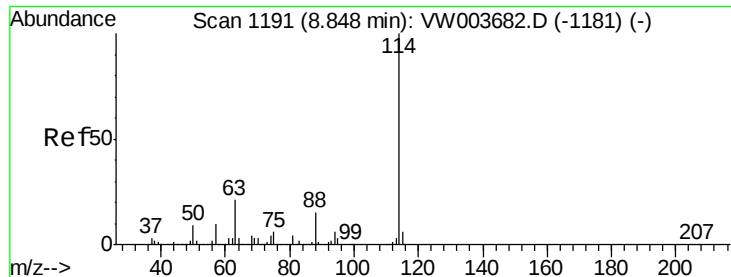
Tot Ion: 84 Resp: 19179
Ion Ratio Lower Upper
84 100
49 121.4 104.6 156.8
51 36.3 33.2 49.8
86 56.9 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 50.859 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003701.D
Acq: 03 Jul 2018 16:17

Tgt Ion: 65 Resp: 102092
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

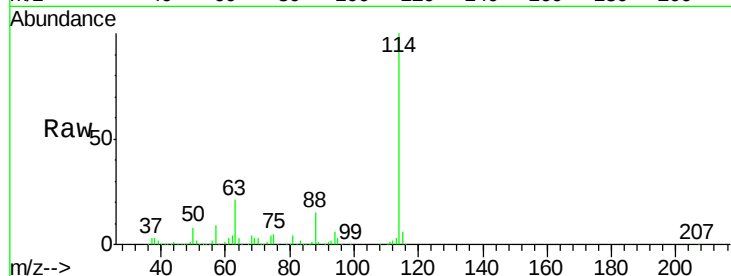




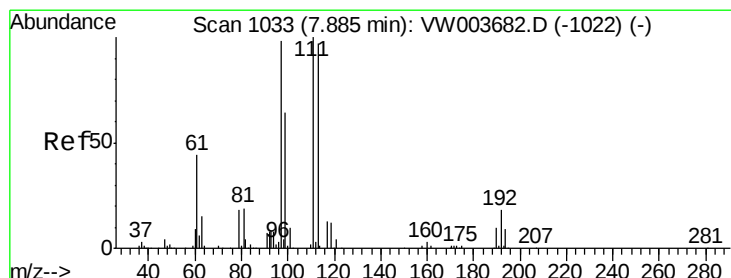
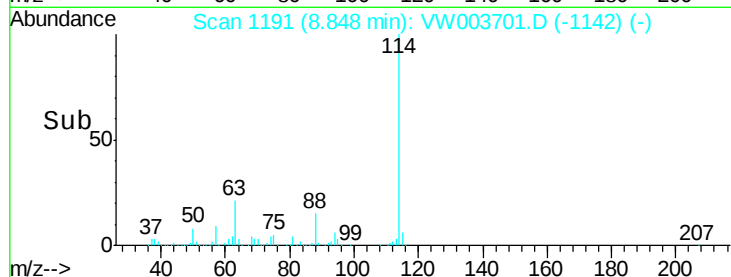
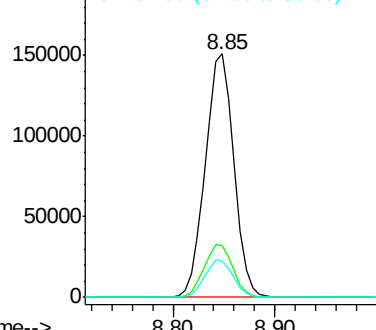
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003701.D
 Acq: 03 Jul 2018 16:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.6
88	15.0	0.0	29.8

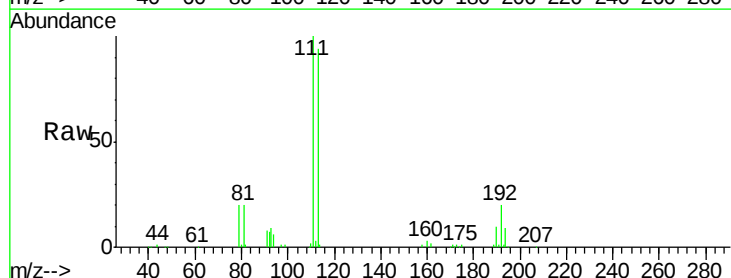


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

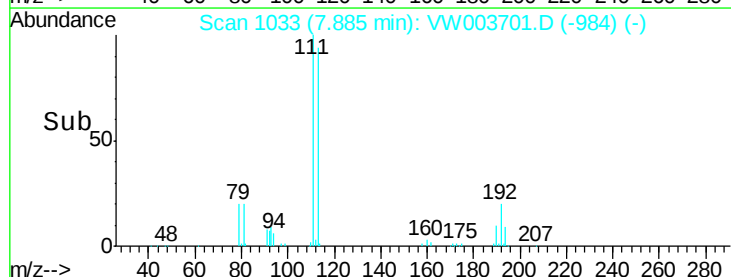
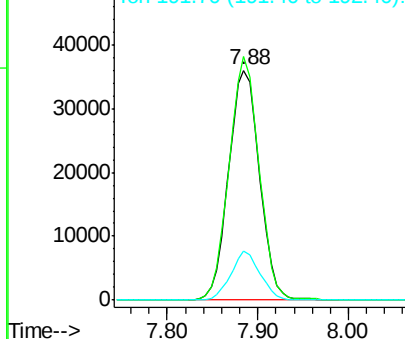


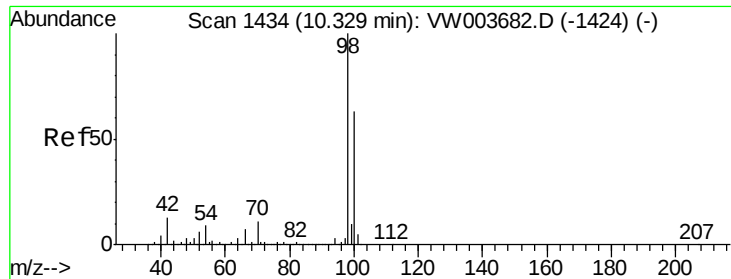
#35
 Dibromofluoromethane
 Concen: 44.904 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003701.D
 Acq: 03 Jul 2018 16:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	20.0	15.8	23.6



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: 37.169 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003701.D

Acq: 03 Jul 2018 16:17

Instrument :

MSVOA_W

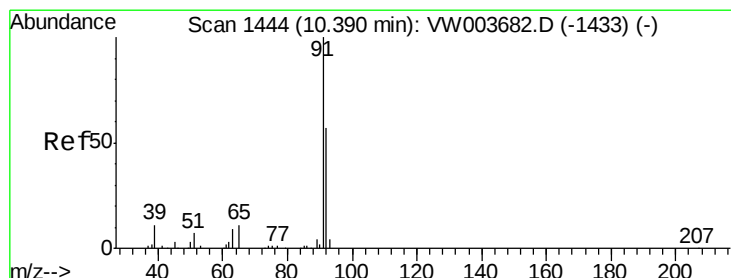
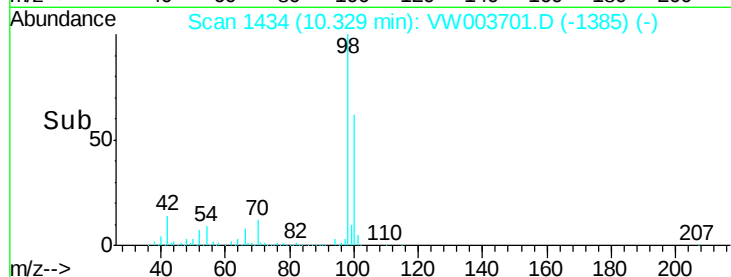
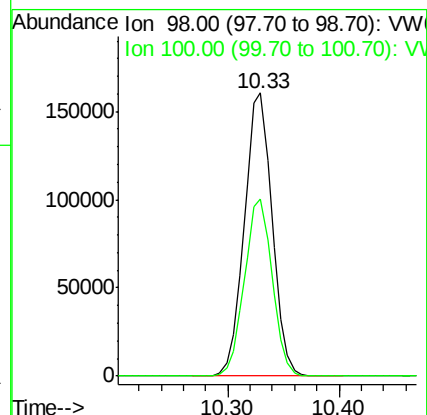
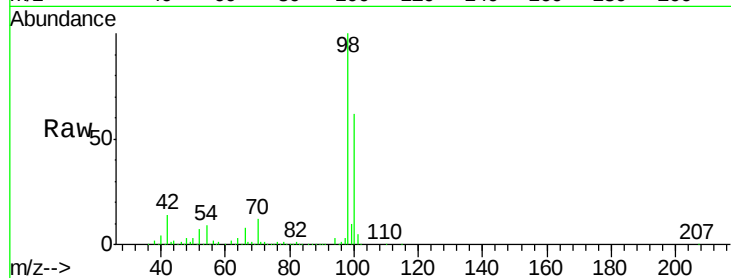
ClientSampleId :

Tot Ion: 98 Resp: 277308

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



#52

Toluene

Concen: 3.352 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003701.D

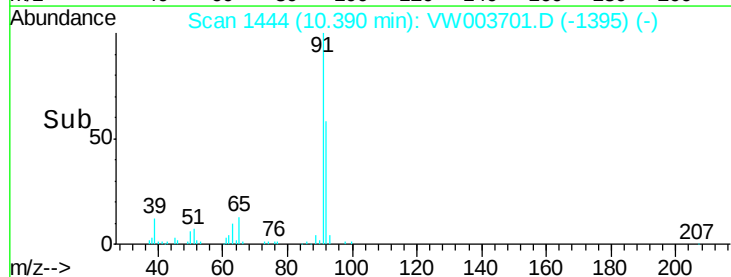
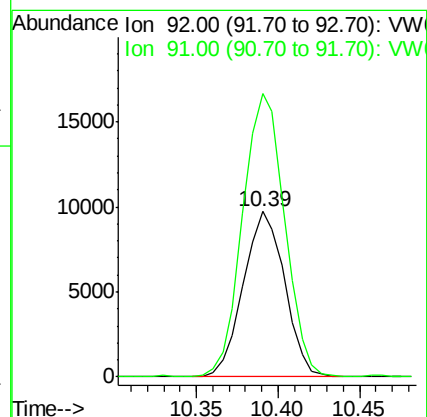
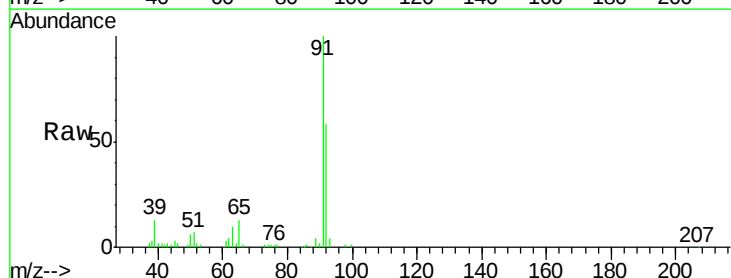
Acq: 03 Jul 2018 16:17

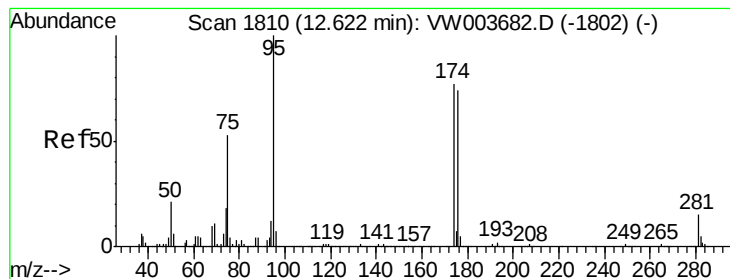
Tgt Ion: 92 Resp: 17196

Ion Ratio Lower Upper

92 100

91 173.8 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 37.686 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003701.D

Acq: 03 Jul 2018 16:17

Instrument :

MSVOA_W

ClientSampleId :

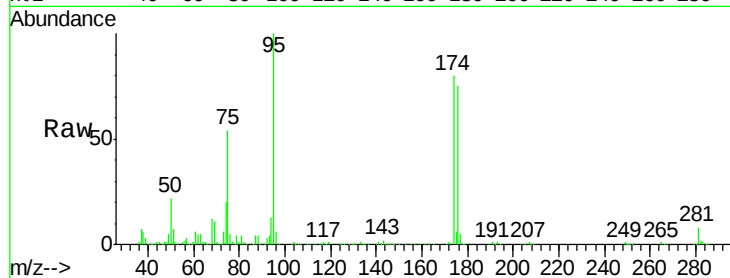
Tot Ion: 95 Resp: 101010

Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.2

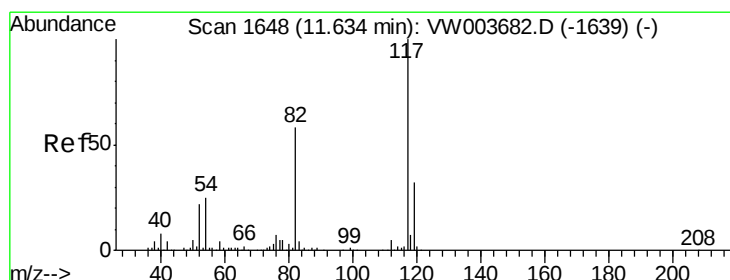
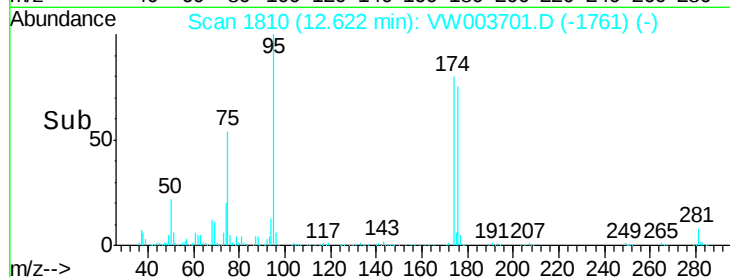
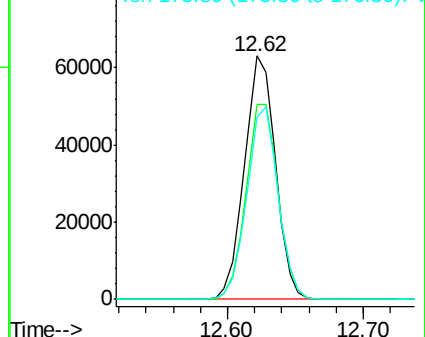
176 79.5 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW003701.D

Acq: 03 Jul 2018 16:17

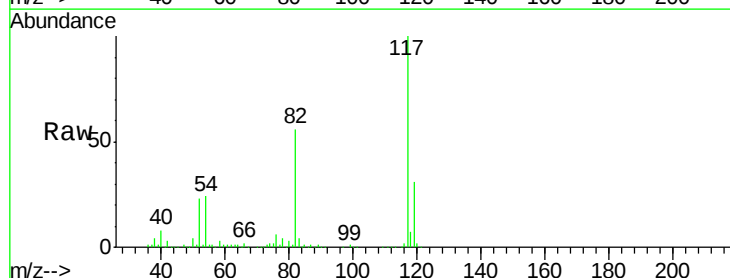
Tgt Ion: 117 Resp: 277780

Ion Ratio Lower Upper

117 100

82 56.2 46.0 69.0

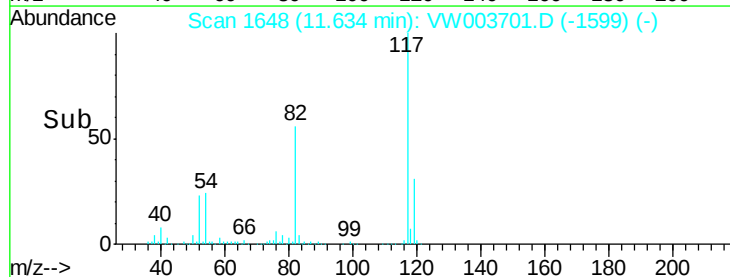
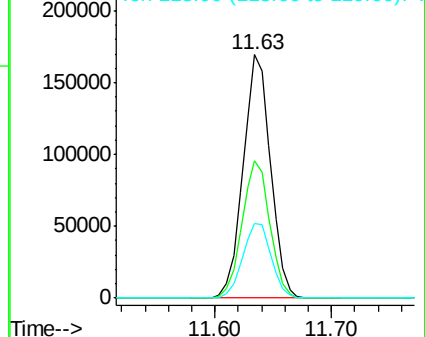
119 30.8 25.4 38.0

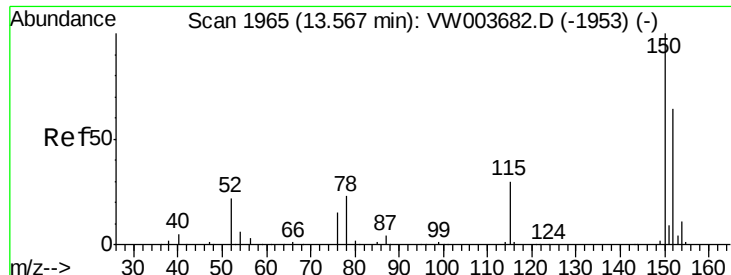


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

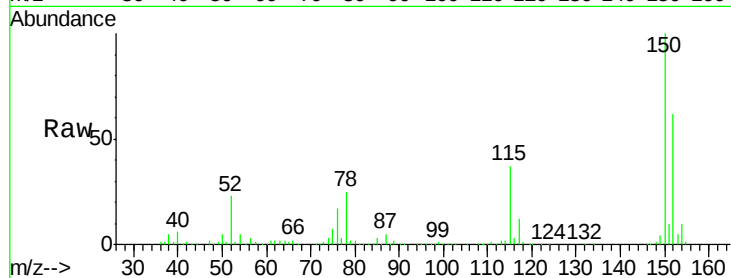
Lab File: VW003701.D

Acq: 03 Jul 2018 16:17

Instrument :

MSVOA_W

ClientSampleId :



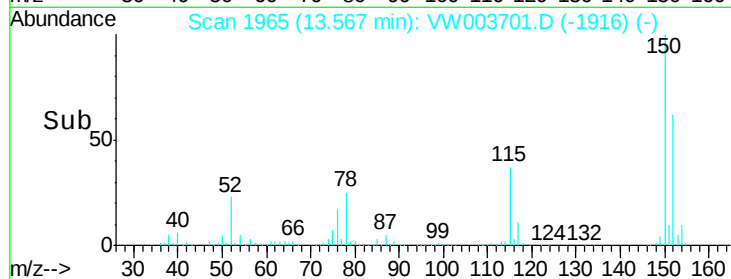
Tot Ion:152 Resp: 137289

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

150 158.7 0.0 352.0



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

