

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003634.D
 Acq On : 28 Jun 2018 13:23
 Operator : SY/AP
 Sample : J3664-18RE
 Misc : 5.83G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB485-31-33-180619RE

Quant Time: Jun 29 07:07:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

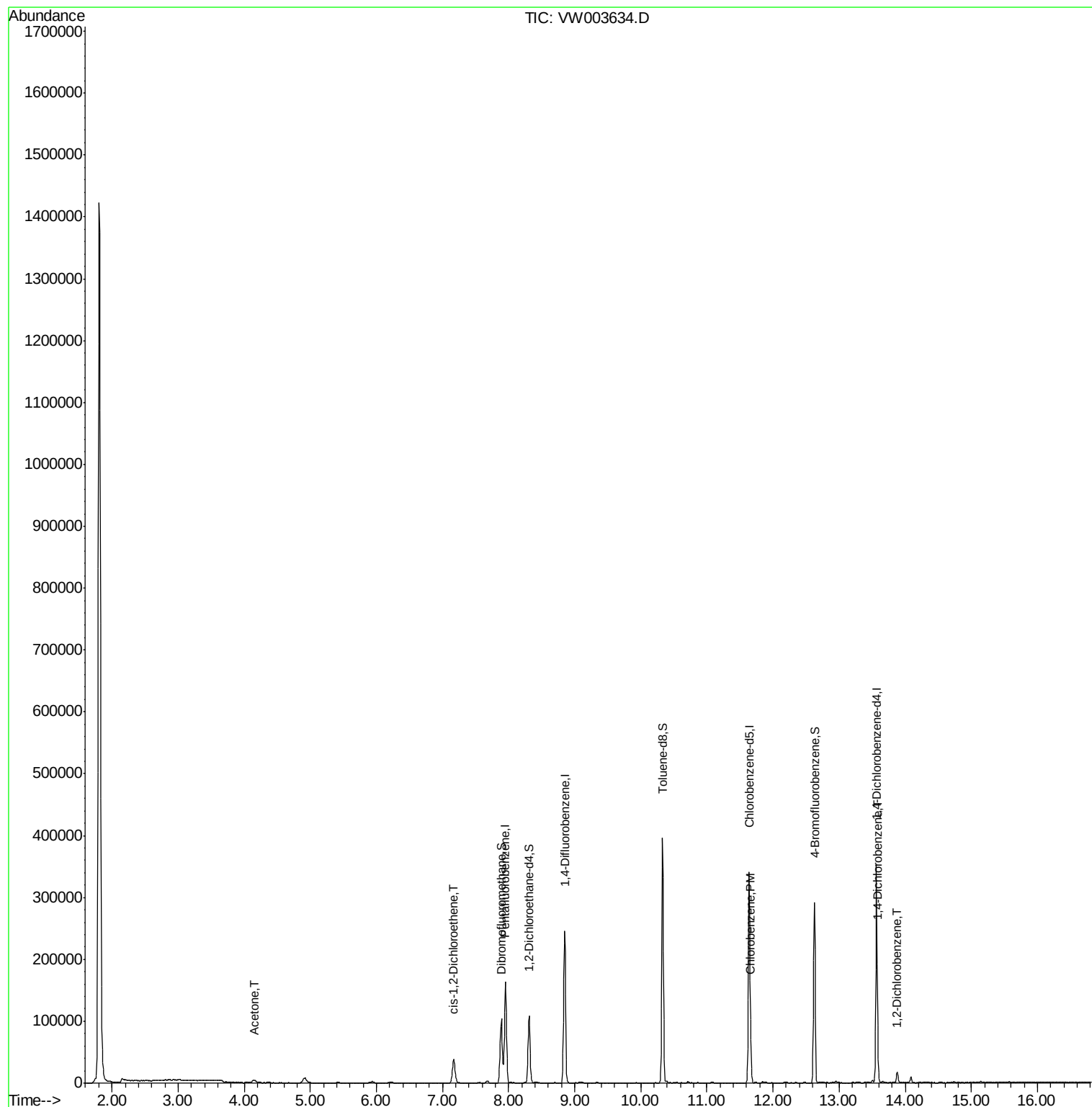
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	193442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	180916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86569	68.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.74%	
35) Dibromofluoromethane	7.89	113	74250	61.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.54%	
50) Toluene-d8	10.33	98	251567	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.63	95	85921	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
16) Acetone	4.15	43	9625	36.51	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	18764	14.94	ug/l	96
65) Chlorobenzene	11.66	112	28148	7.47	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	6827	2.40	ug/l	88
91) 1,2-Dichlorobenzene	13.88	146	6427	2.57	ug/l	97

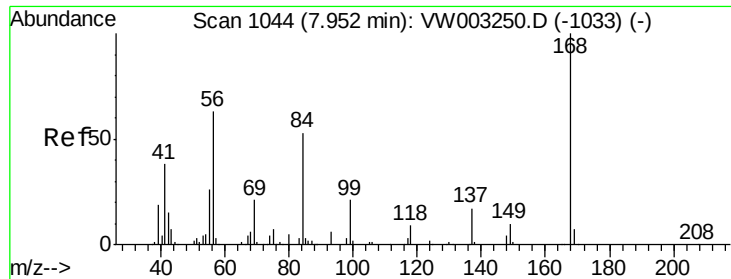
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062818\
Data File : VW003634.D
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

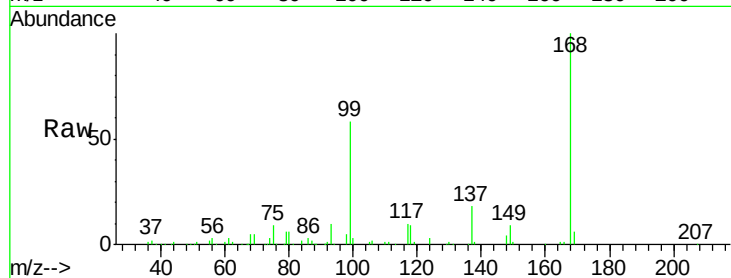
WP021SB485-31-33-180619RE

Tot Ion:168 Resp: 116045

Ion Ratio Lower Upper

168 100

99 58.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

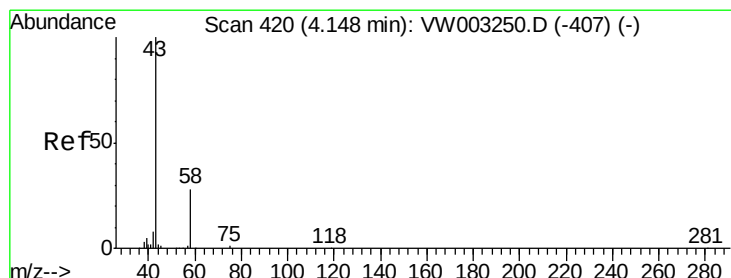
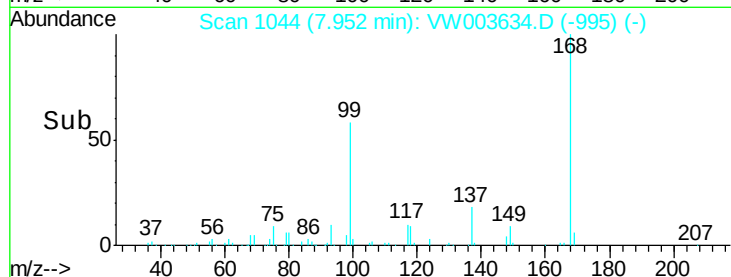
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 36.51 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003634.D

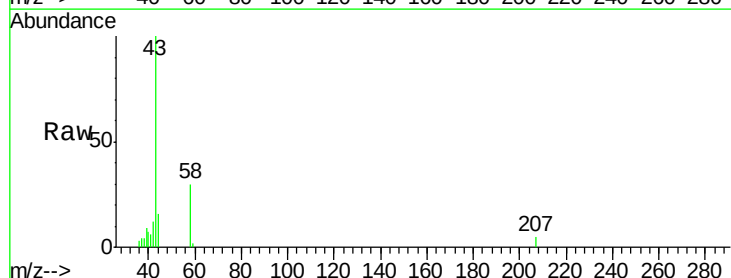
Acq: 28 Jun 2018 13:23

Tgt Ion: 43 Resp: 9625

Ion Ratio Lower Upper

43 100

58 29.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

3000

2500

2000

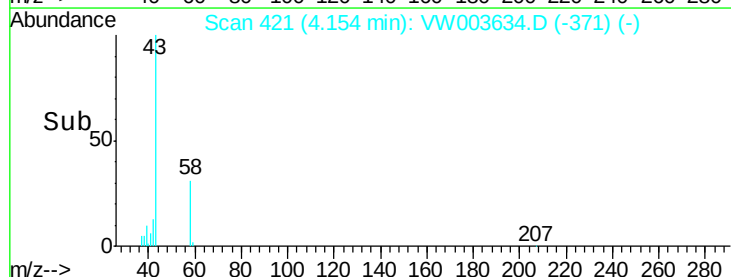
1500

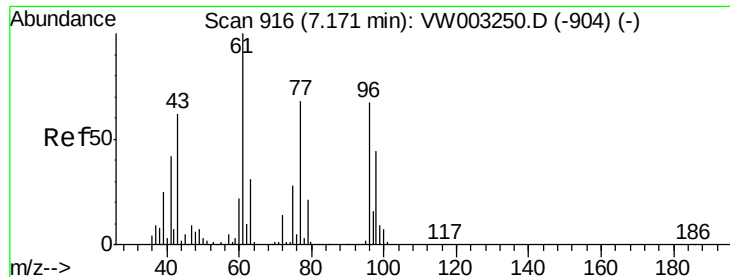
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 14.94 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-31-33-180619RE

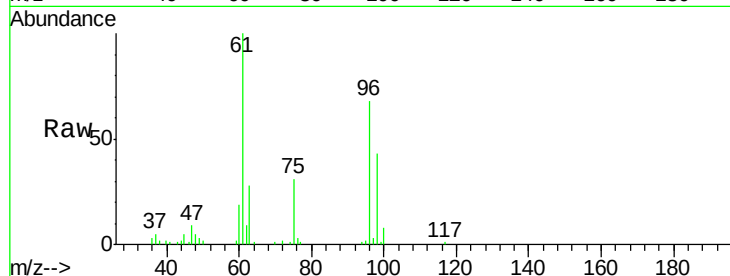
Tot Ion: 96 Resp: 18764

Ion Ratio Lower Upper

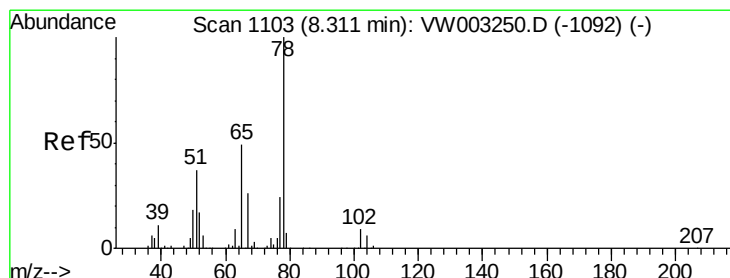
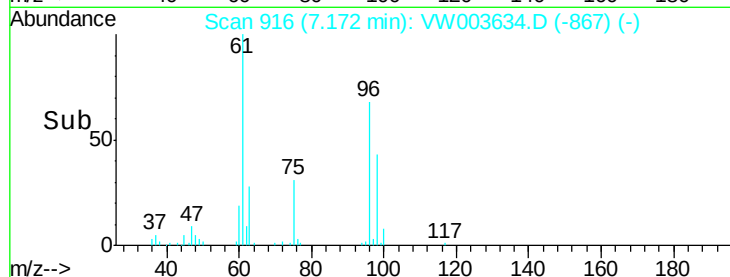
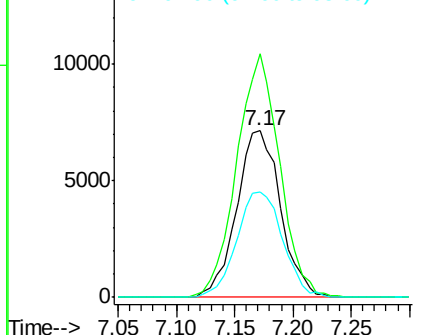
96 100

61 143.1 0.0 298.8

98 66.3 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#33

1,2-Dichloroethane-d4

Concen: 68.87 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003634.D

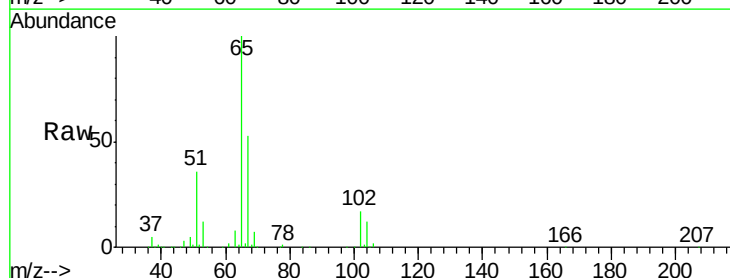
Acq: 28 Jun 2018 13:23

Tgt Ion: 65 Resp: 86569

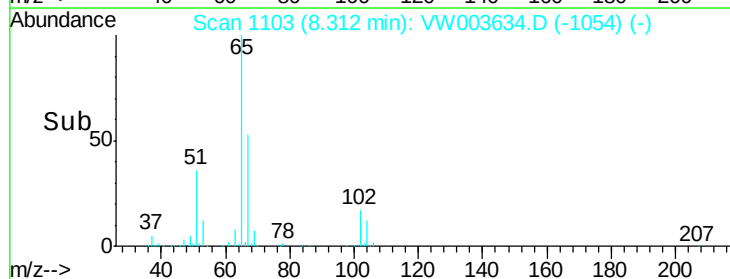
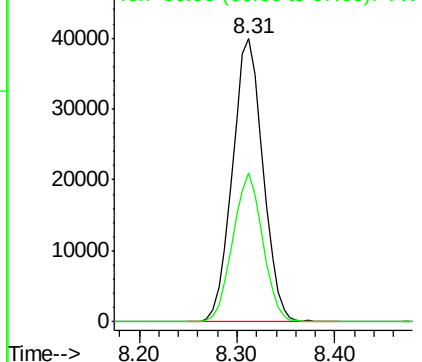
Ion Ratio Lower Upper

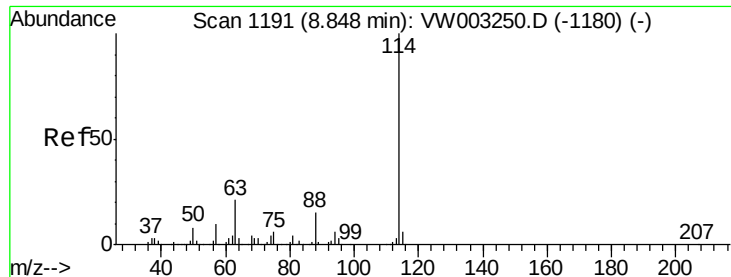
65 100

67 51.4 0.0 104.2



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# 1191

Delta R.T. 0.00 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-31-33-180619RE

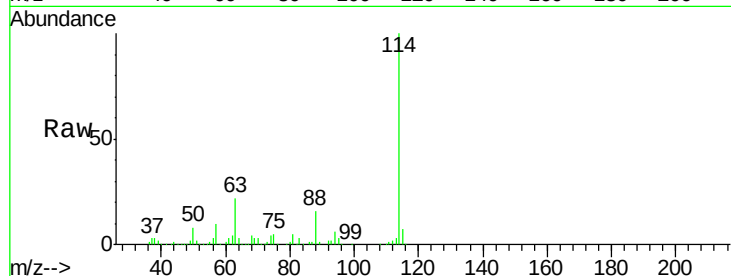
Tot Ion:114 Resp: 193442

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

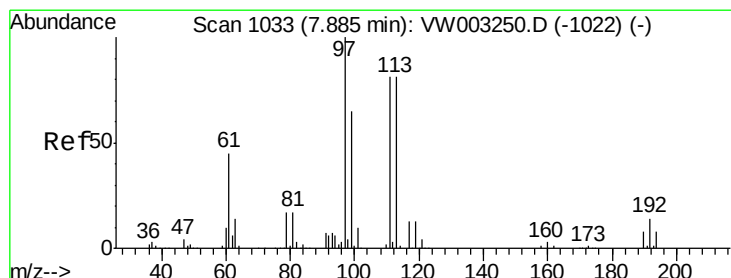
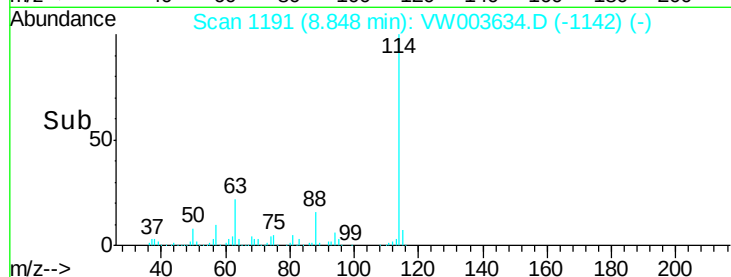
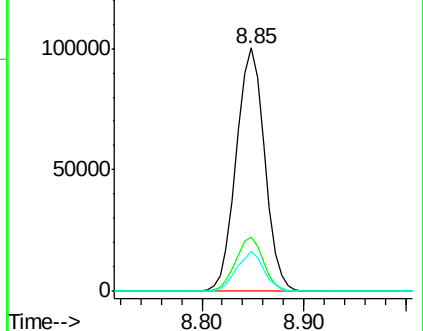
88 16.4 0.0 29.6



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: 61.77 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

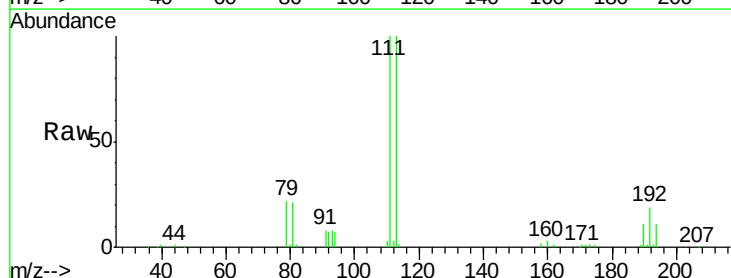
Tgt Ion:113 Resp: 74250

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

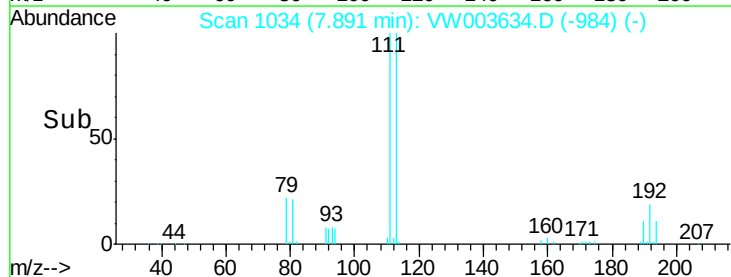
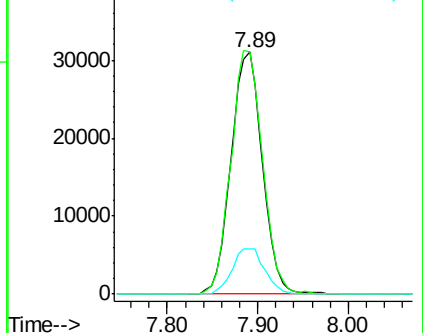
192 19.5 16.2 24.2

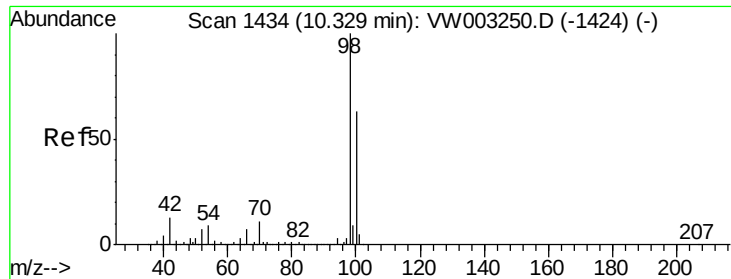


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.78 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

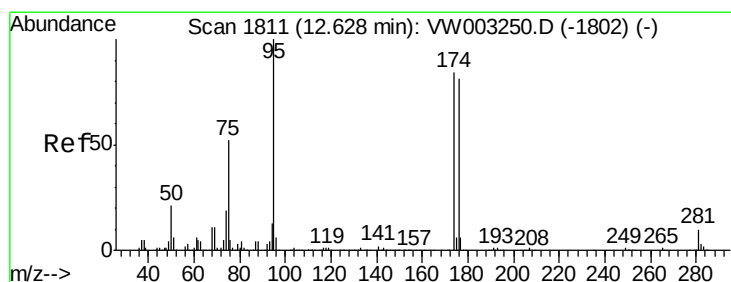
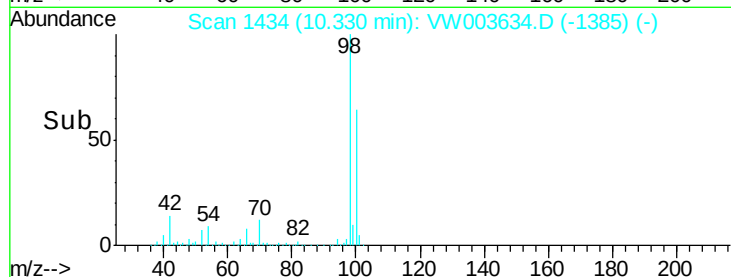
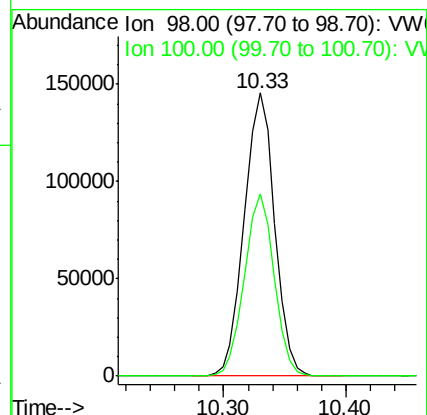
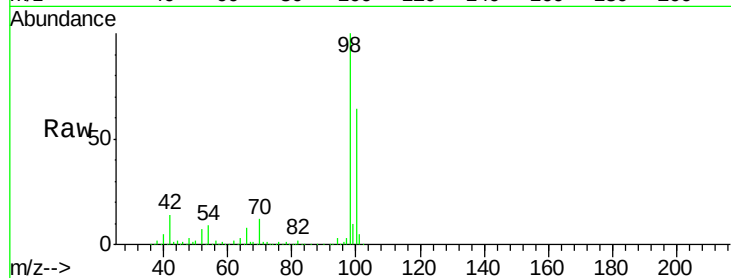
WP021SB485-31-33-180619RE

Tot Ion: 98 Resp: 251567

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 50.94 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

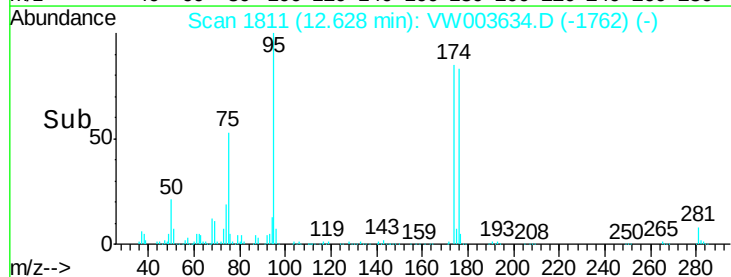
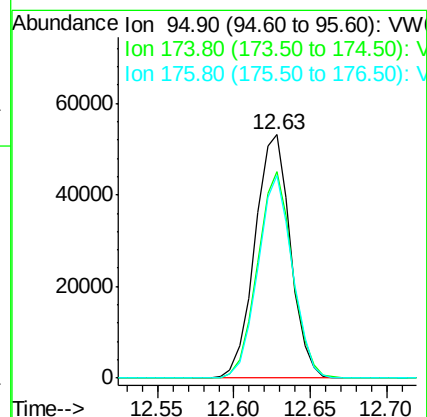
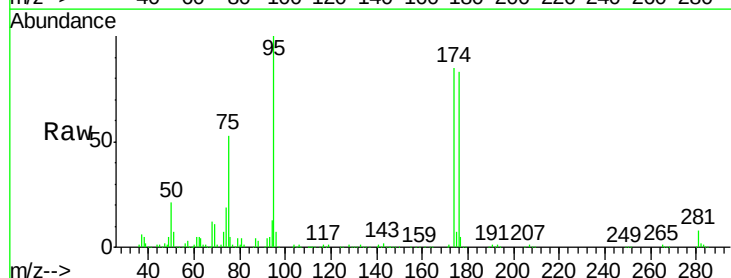
Tgt Ion: 95 Resp: 85921

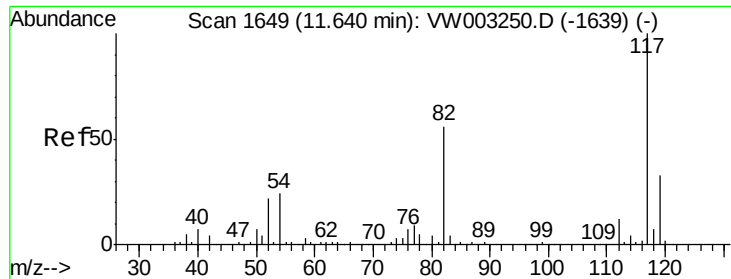
Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.4

176 80.9 0.0 162.0

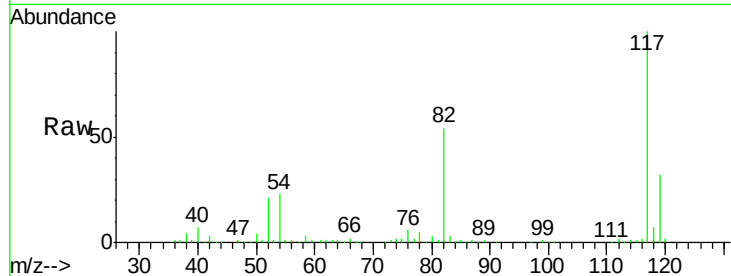




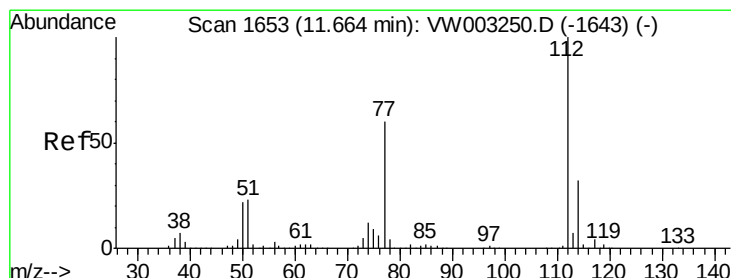
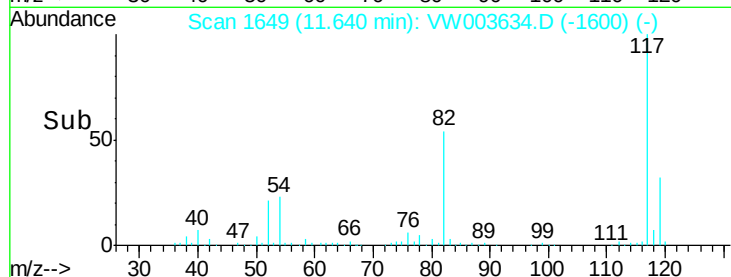
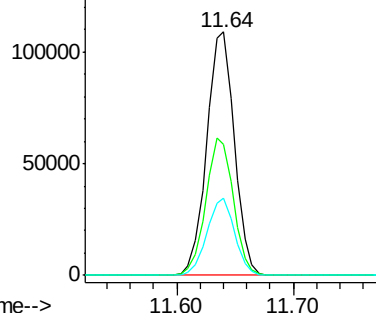
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003634.D
Acq: 28 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
WP021SB485-31-33-180619RE

Tot Ion:117 Resp: 180916
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 31.9 26.7 40.1

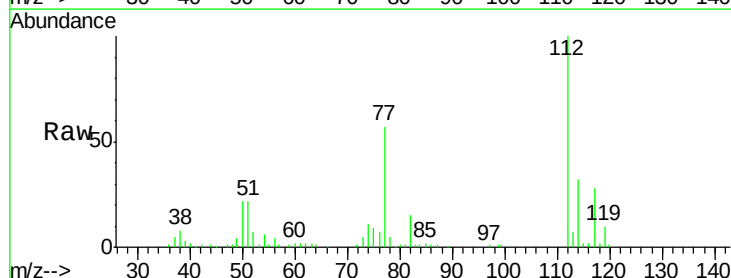


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

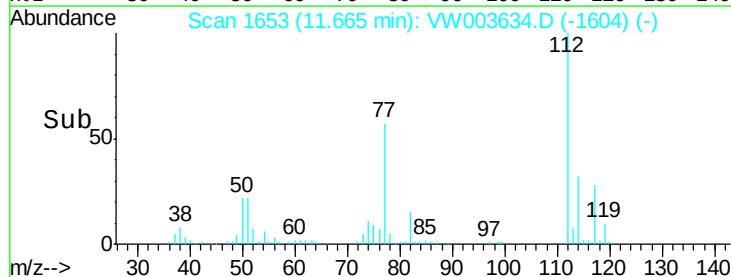
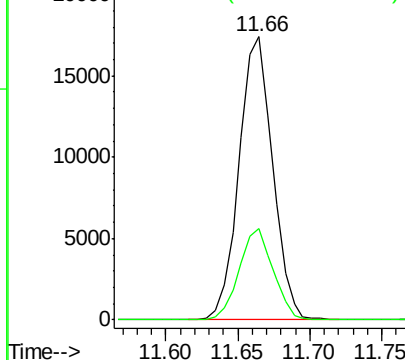


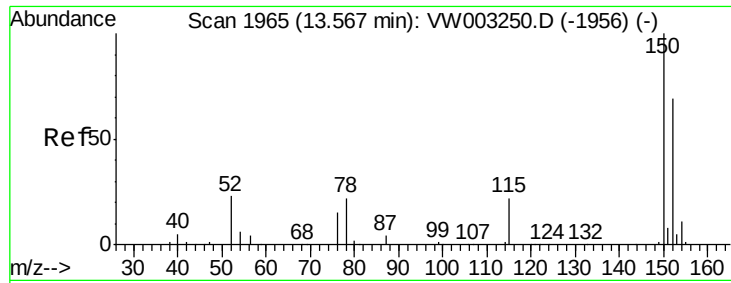
#65
Chlorobenzene
Concen: 7.47 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003634.D
Acq: 28 Jun 2018 13:23

Tgt Ion:112 Resp: 28148
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-31-33-180619RE

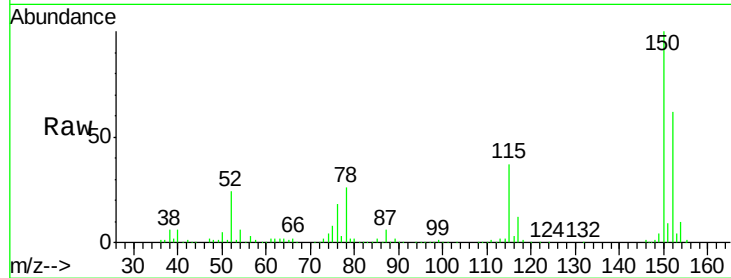
Tot Ion:152 Resp: 85837

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

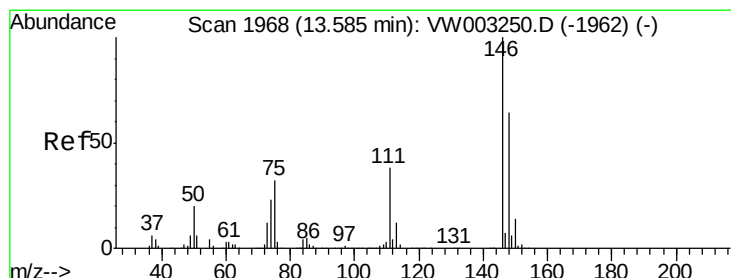
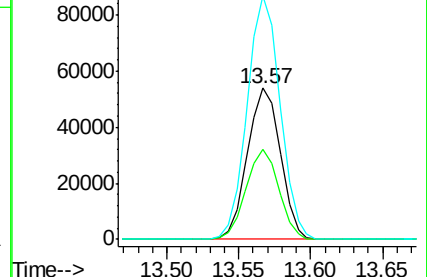
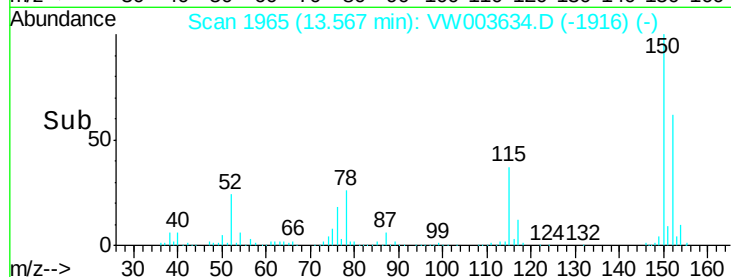
150 159.9 0.0 349.6



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



#88

1,4-Dichlorobenzene

Concen: 2.40 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003634.D

Acq: 28 Jun 2018 13:23

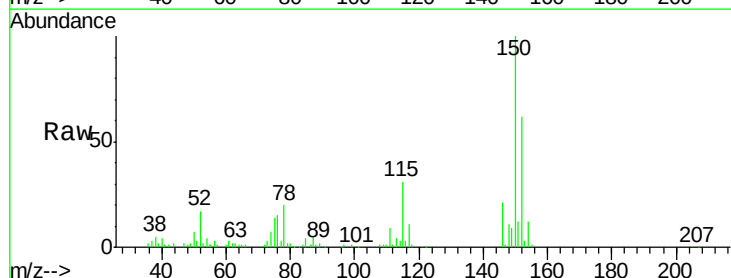
Tgt Ion:146 Resp: 6827

Ion Ratio Lower Upper

146 100

111 54.8 19.2 57.6

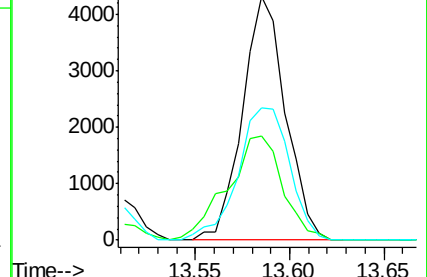
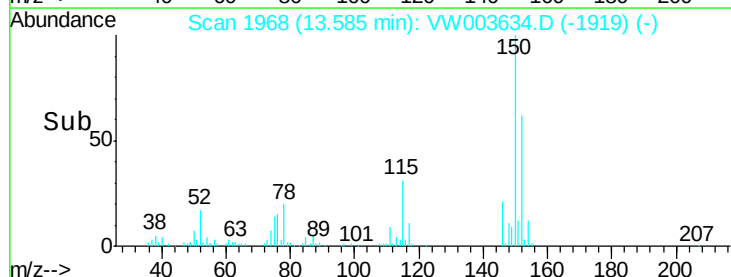
148 65.3 31.8 95.4

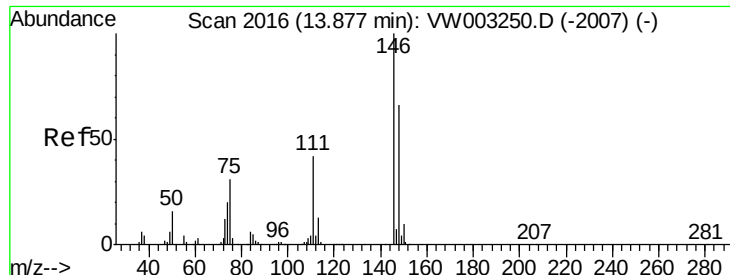


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 2.57 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003634.D

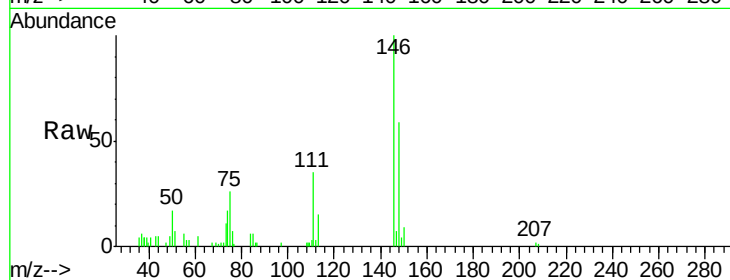
Acq: 28 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

WP021SB485-31-33-180619RE



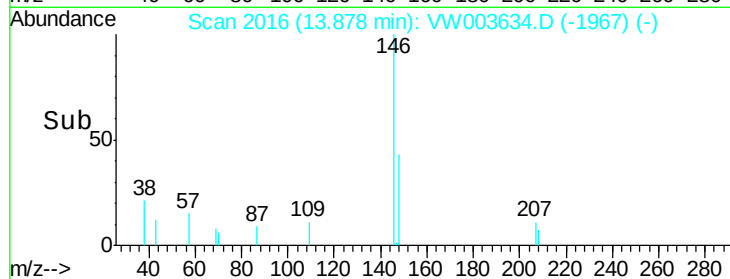
Tot Ion:146 Resp: 6427

Ion Ratio Lower Upper

146 100

111 41.9 20.3 61.0

148 61.1 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

