

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005605.D
 Acq On : 25 Sep 2018 12:43
 Operator : VA/AP
 Sample : J4777-21RE
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-092018-BRE

Quant Time: Sep 25 14:27:29 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	301762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	116676	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82557	32.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.16%	
35) Dibromofluoromethane	7.89	113	68661	29.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.56%	
50) Toluene-d8	10.33	98	212075	22.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.42%	
62) 4-Bromofluorobenzene	12.62	95	69285	19.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.22%	

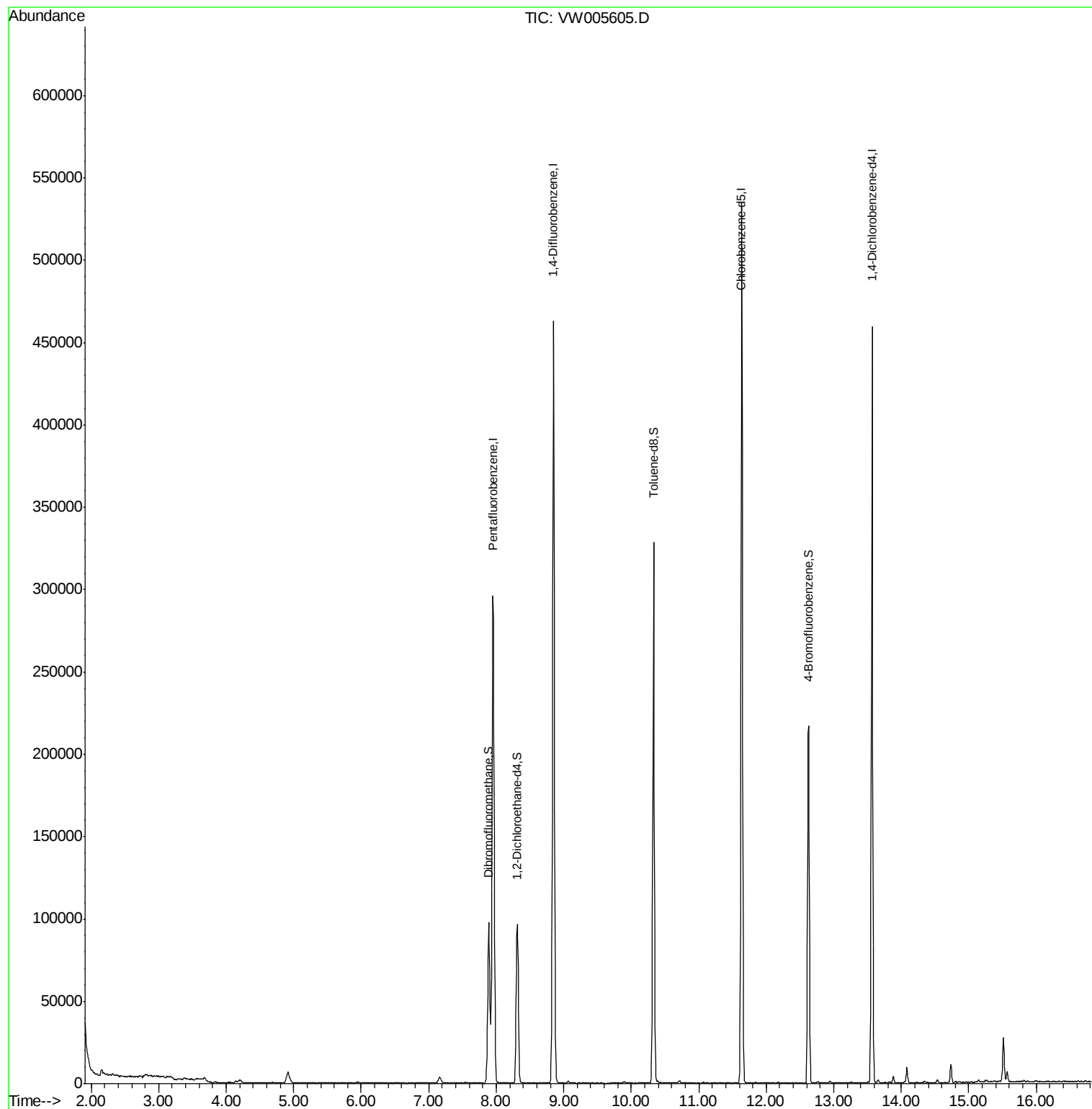
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005605.D

Acq: 25 Sep 2018 12:43

Instrument :

MSVOA_W

ClientSampleId :

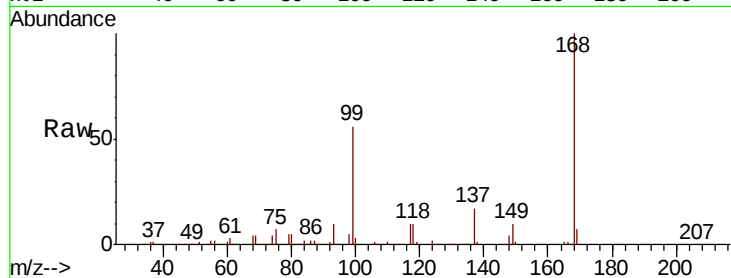
PL-03-092018-BRE

Tot Ion:168 Resp: 218478

Ion Ratio Lower Upper

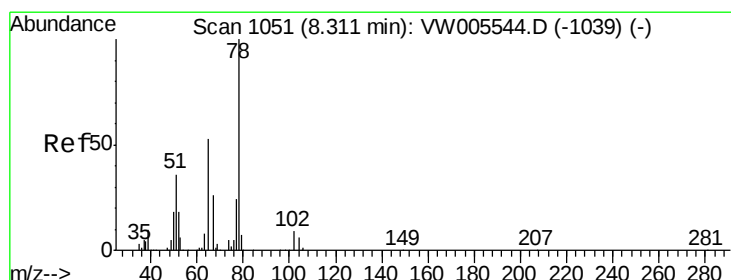
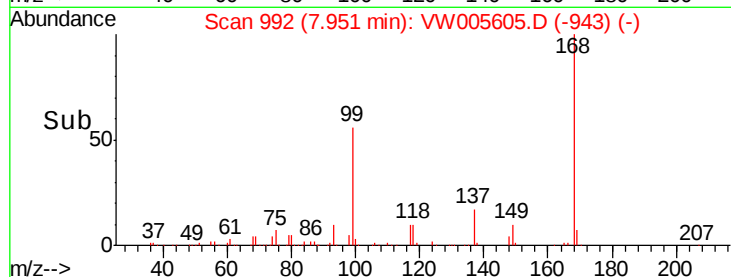
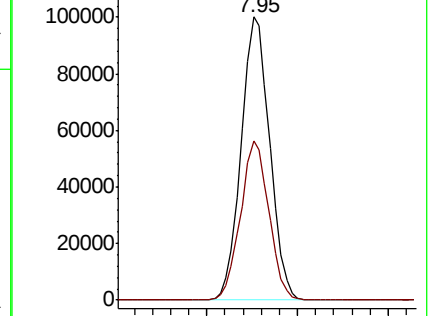
168 100

99 56.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 32.076 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005605.D

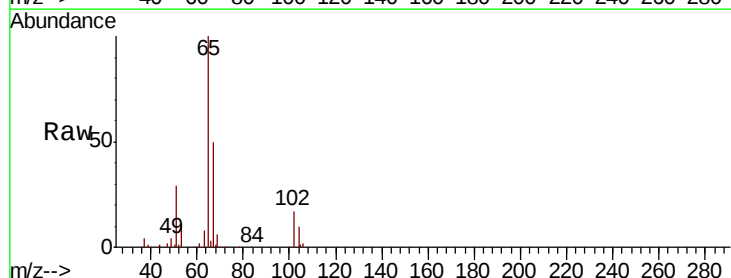
Acq: 25 Sep 2018 12:43

Tgt Ion: 65 Resp: 82557

Ion Ratio Lower Upper

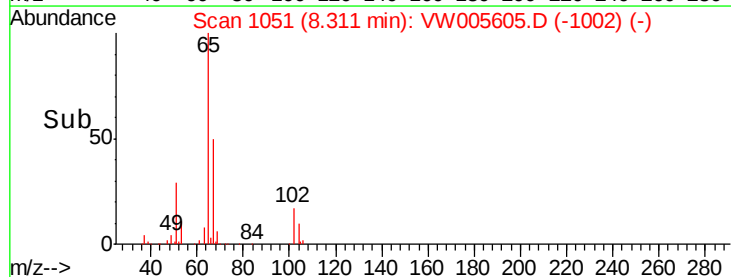
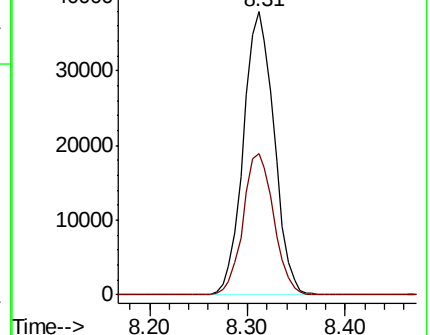
65 100

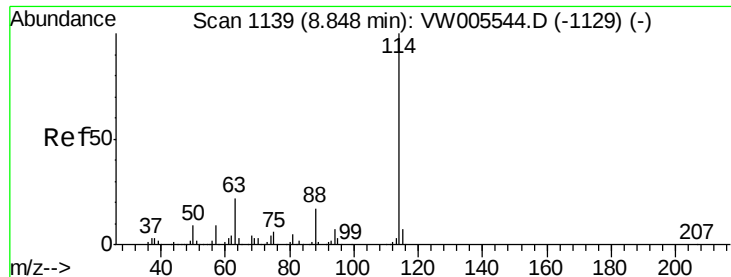
67 49.7 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

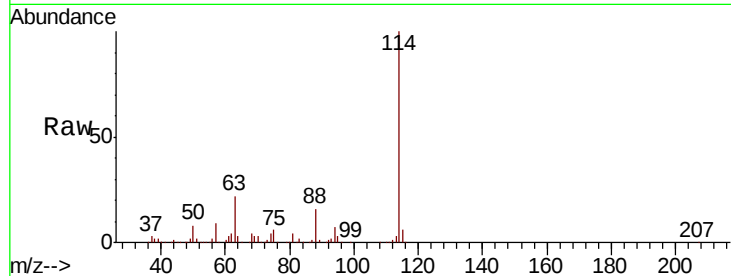




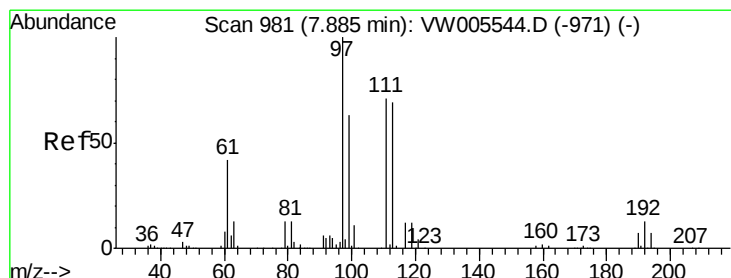
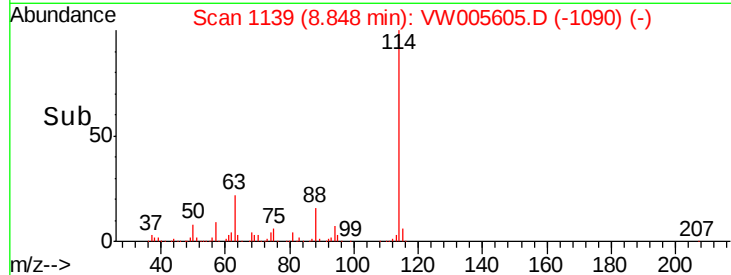
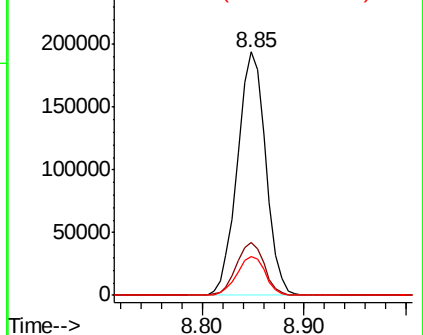
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005605.D
 Acq: 25 Sep 2018 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-092018-BRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	16.0	0.0	33.0

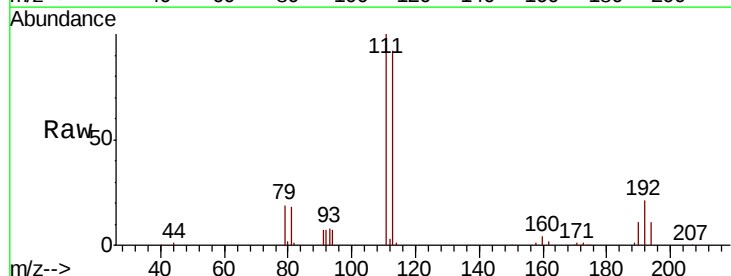


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

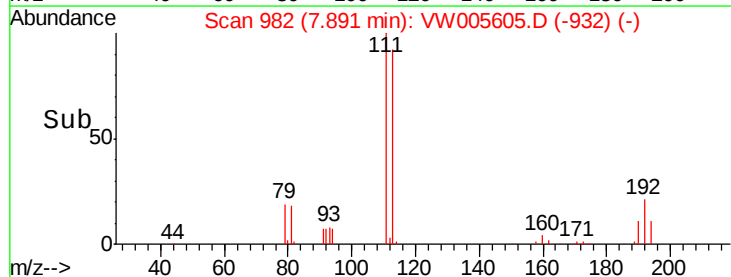
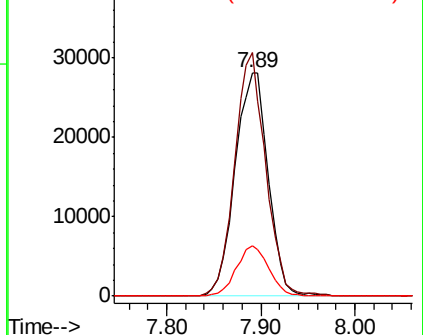


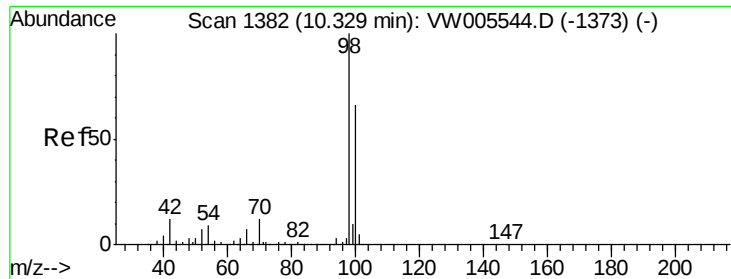
#35
 Dibromofluoromethane
 Concen: 29.285 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005605.D
 Acq: 25 Sep 2018 12:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	21.8	17.0	25.4



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: 22.214 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005605.D

Acq: 25 Sep 2018 12:43

Instrument :

MSVOA_W

ClientSampleId :

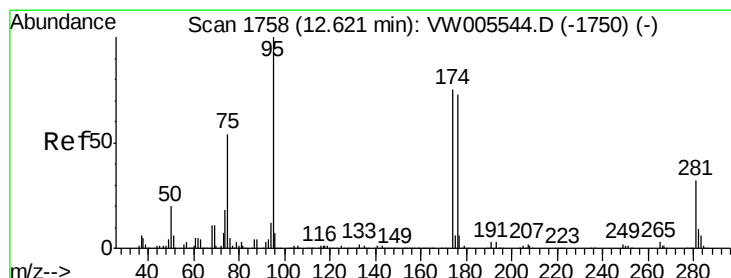
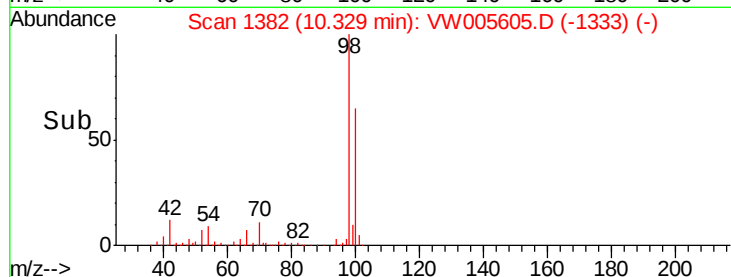
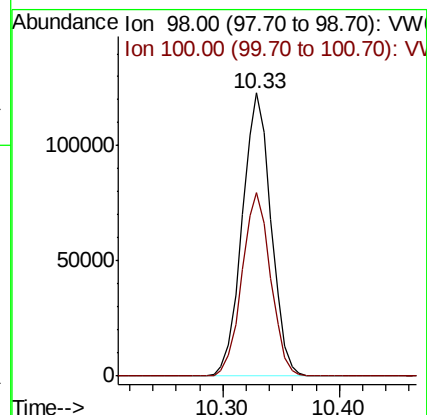
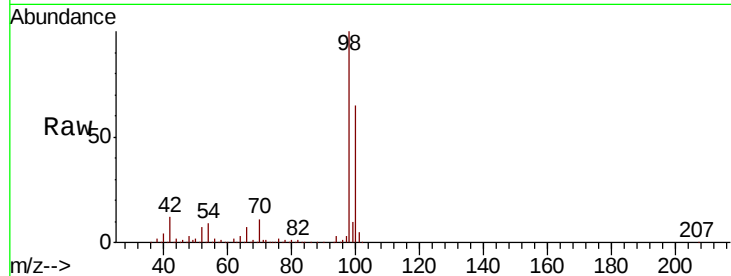
PL-03-092018-BRE

Tot Ion: 98 Resp: 212075

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 19.613 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005605.D

Acq: 25 Sep 2018 12:43

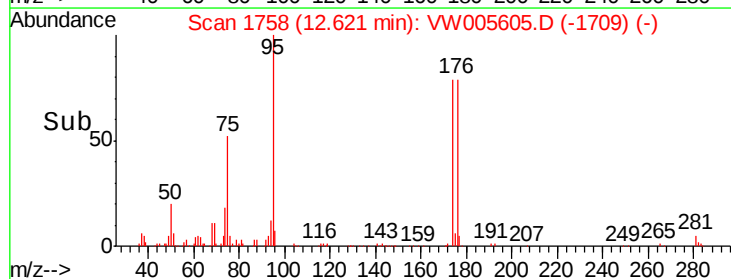
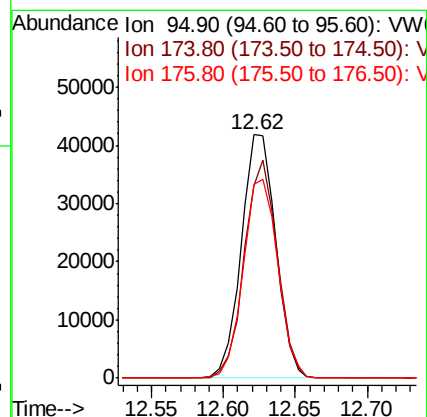
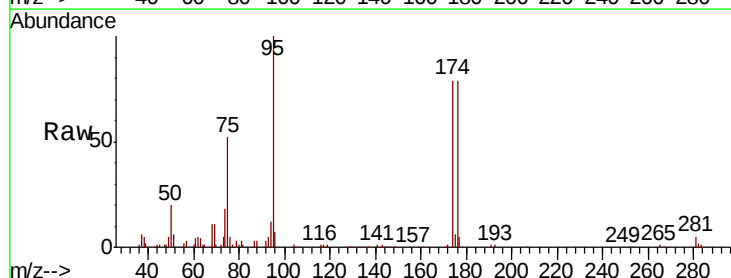
Tgt Ion: 95 Resp: 69285

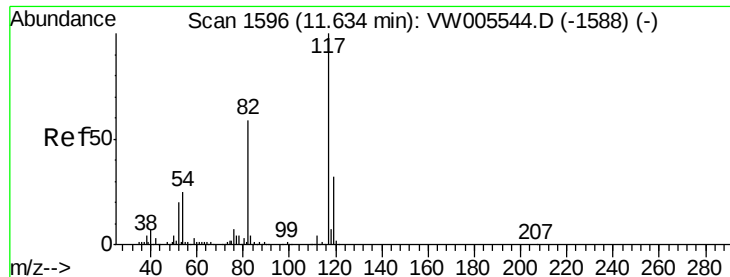
Ion Ratio Lower Upper

95 100

174 85.6 0.0 163.8

176 82.4 0.0 158.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005605.D

Acq: 25 Sep 2018 12:43

Instrument :

MSVOA_W

ClientSampleId :

PL-03-092018-BRE

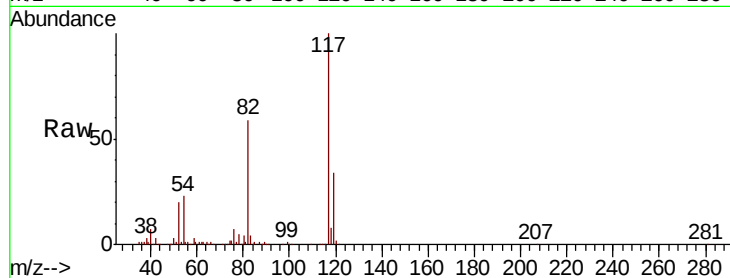
Tot Ion:117 Resp: 301762

Ion Ratio Lower Upper

117 100

82 59.0 46.9 70.3

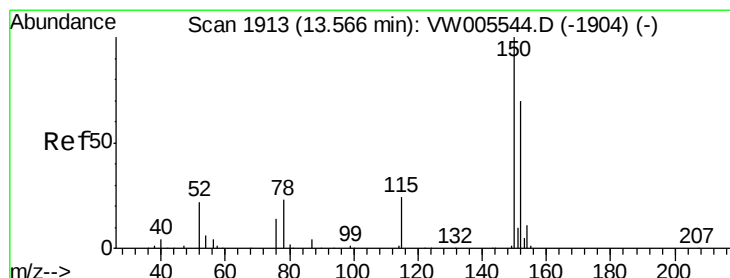
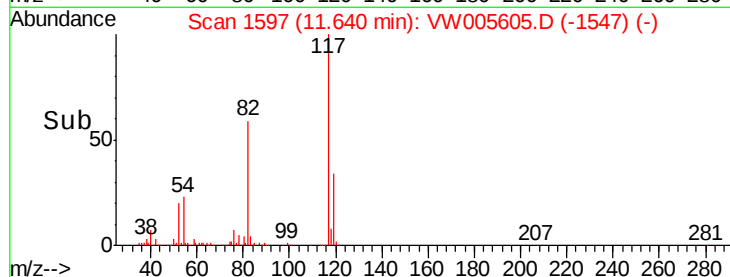
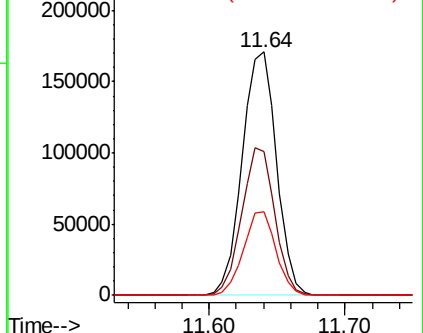
119 34.1 25.7 38.5



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005605.D

Acq: 25 Sep 2018 12:43

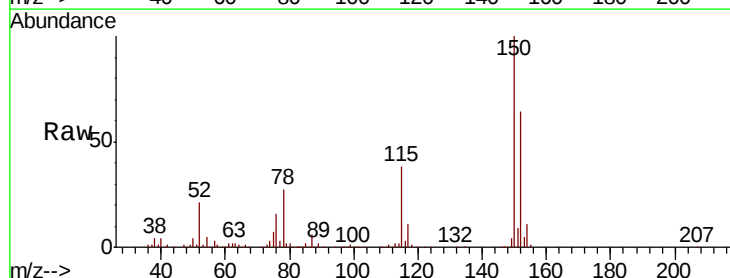
Tgt Ion:152 Resp: 116676

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 157.3 0.0 348.6



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

