

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005610.D
 Acq On : 25 Sep 2018 14:52
 Operator : VA/AP
 Sample : J4777-31RE
 Misc : 6.84G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-DRE

Quant Time: Sep 25 16:27:00 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	181818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	300709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	215359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77677	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	76595	35.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.52%	
35) Dibromofluoromethane	7.89	113	63358	33.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.00%	
50) Toluene-d8	10.33	98	124774	16.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.40%	
62) 4-Bromofluorobenzene	12.62	95	49213	17.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.54%	

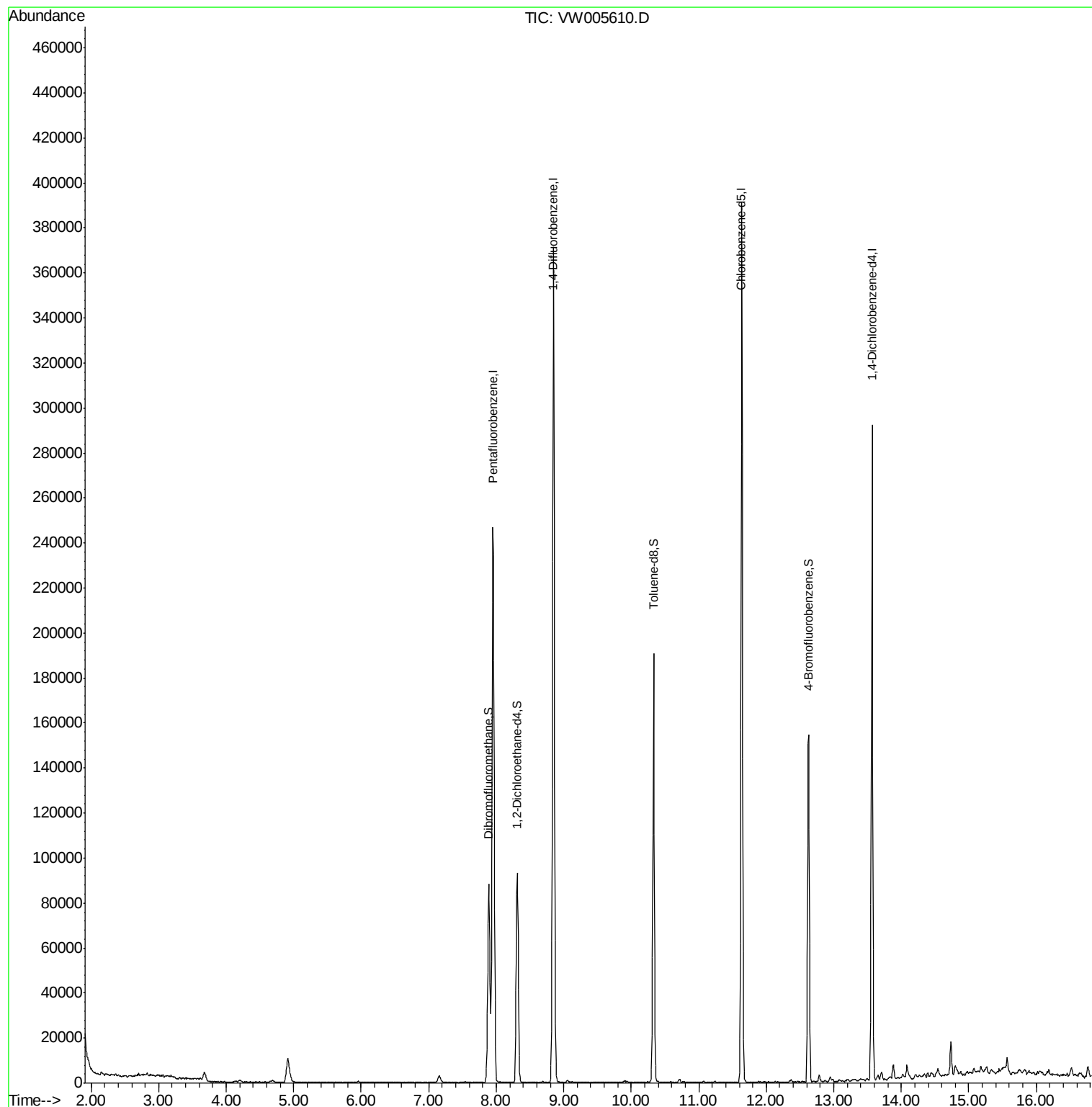
Target Compounds	Qvalue

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

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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: VW005610.D

Acq: 25 Sep 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

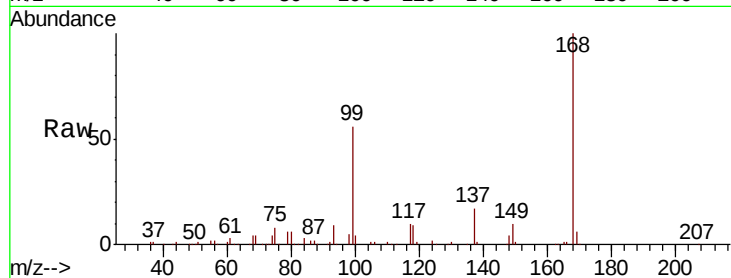
PL-04-092018-DRE

Tot Ion:168 Resp: 181818

Ion Ratio Lower Upper

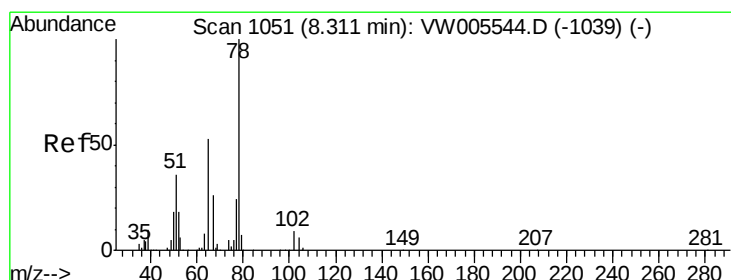
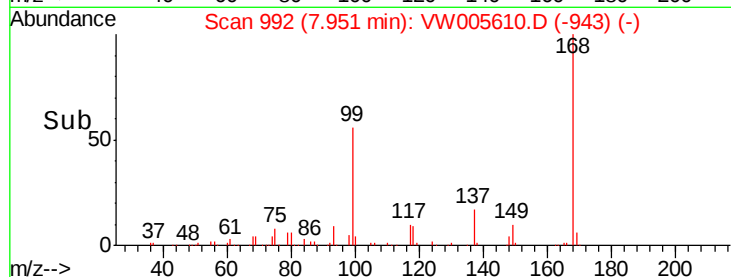
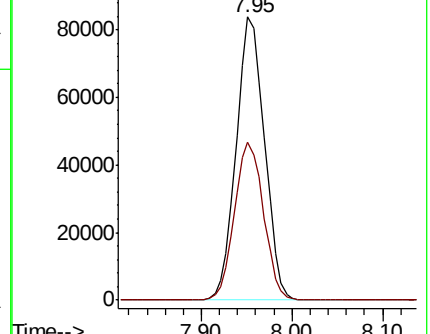
168 100

99 56.0 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: 35.760 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005610.D

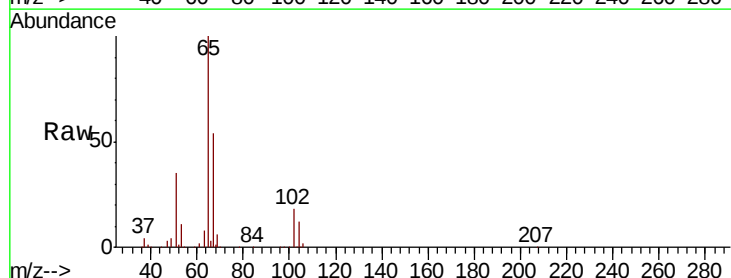
Acq: 25 Sep 2018 14:52

Tgt Ion: 65 Resp: 76595

Ion Ratio Lower Upper

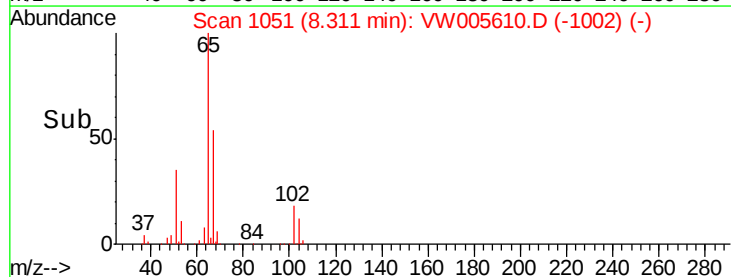
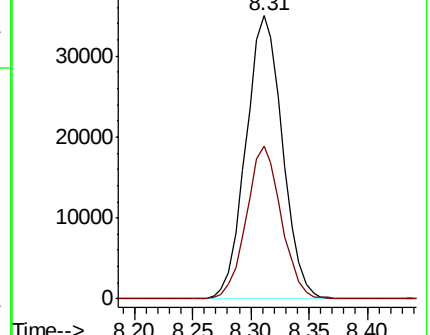
65 100

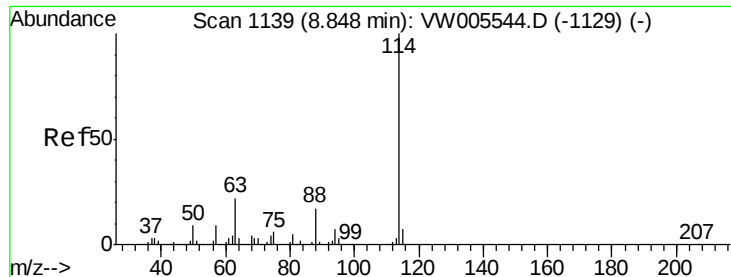
67 51.6 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

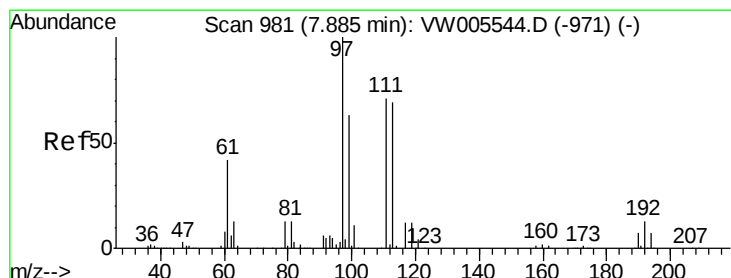
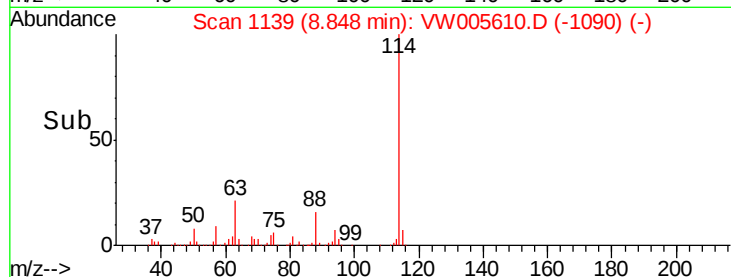
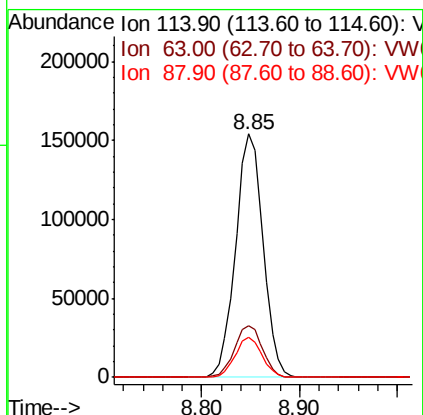
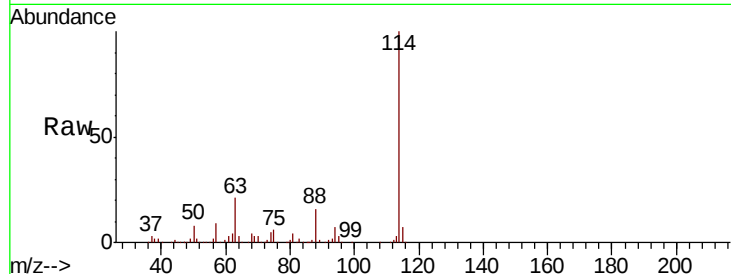




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005610.D
 Acq: 25 Sep 2018 14:52

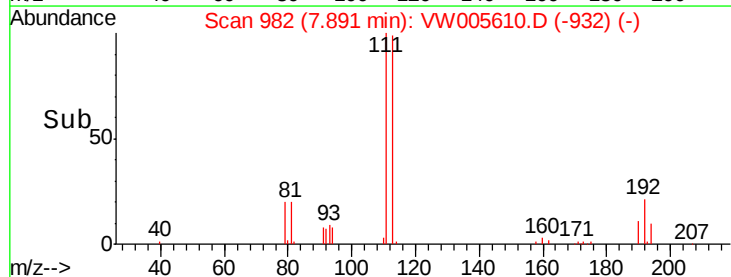
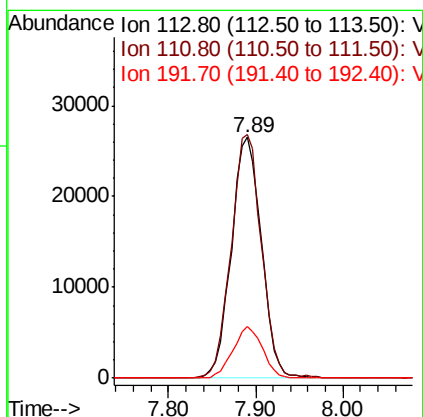
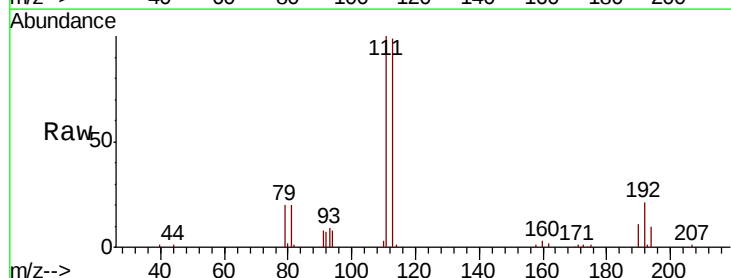
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-DRE

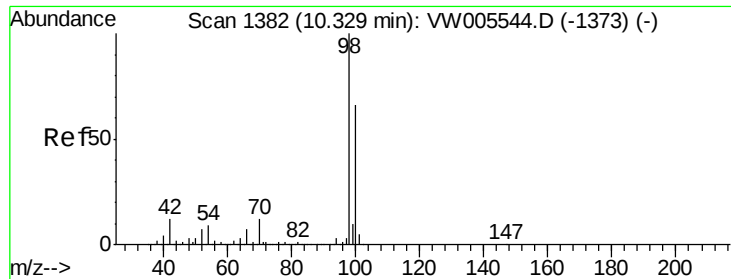
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.0
88	16.4	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 33.504 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005610.D
 Acq: 25 Sep 2018 14:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	20.8	17.0	25.4





#50

Toluene-d8

Concen: 16.205 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005610.D

Acq: 25 Sep 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

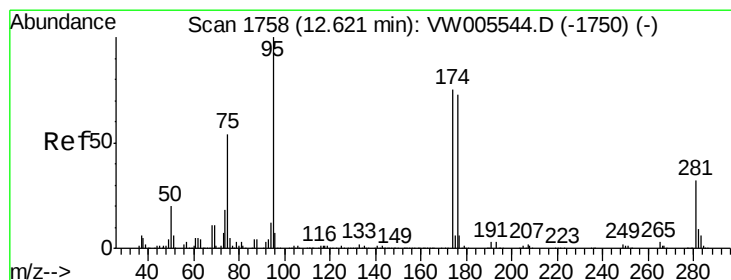
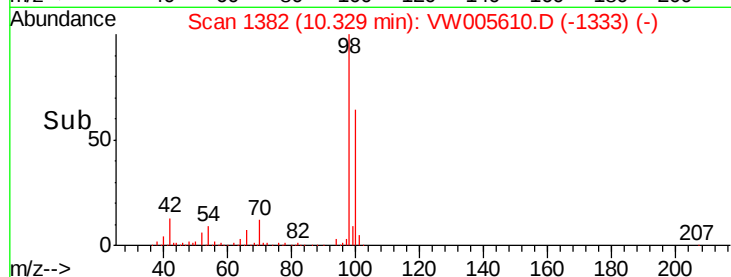
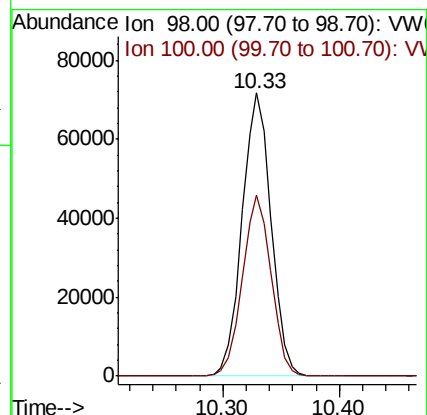
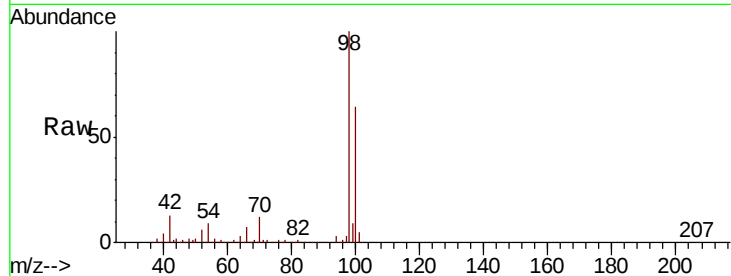
PL-04-092018-DRE

Tot Ion: 98 Resp: 124774

Ion Ratio Lower Upper

98 100

100 63.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 17.273 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005610.D

Acq: 25 Sep 2018 14:52

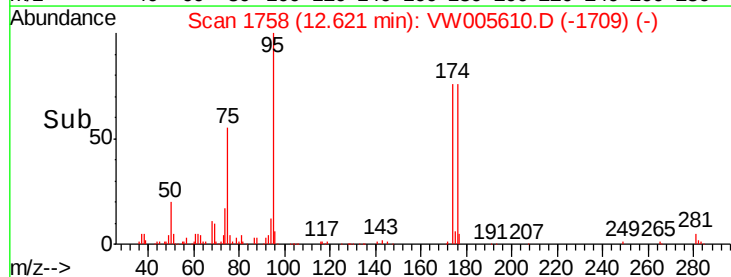
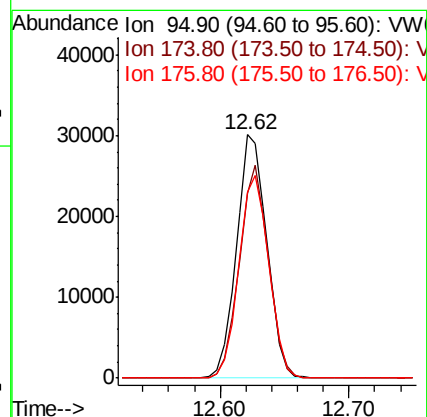
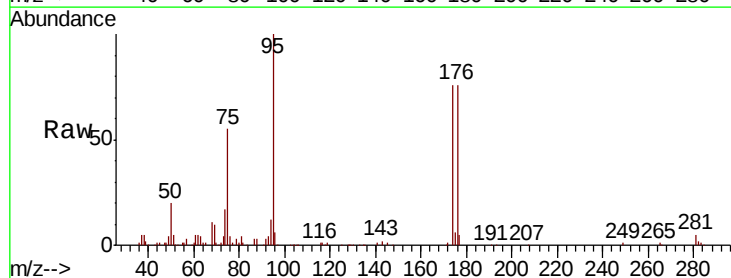
Tgt Ion: 95 Resp: 49213

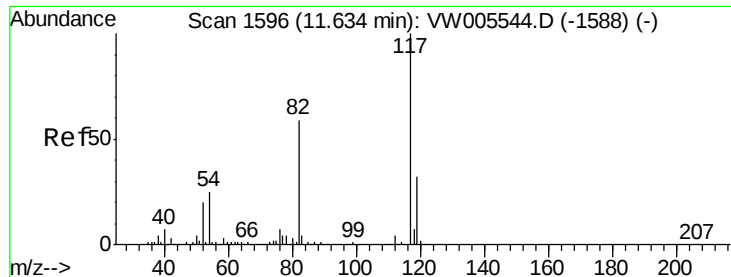
Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.8

176 82.2 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: VW005610.D

Acq: 25 Sep 2018 14:52

Instrument :

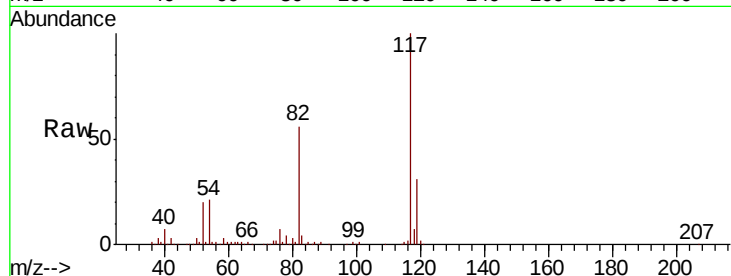
MSVOA_W

ClientSampleId :

PL-04-092018-DRE

Tot Ion:117 Resp: 215359

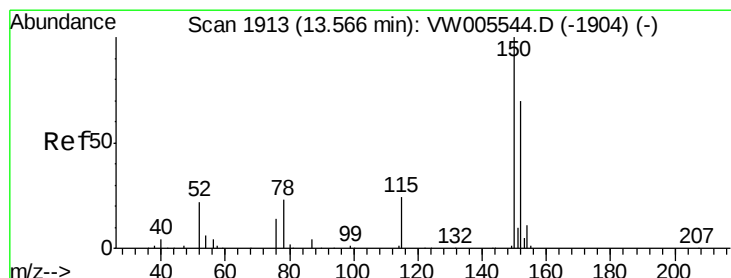
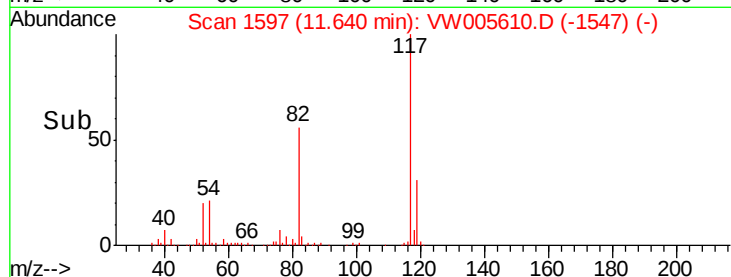
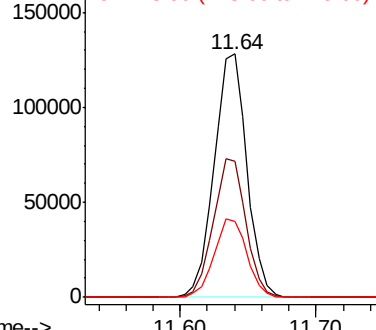
Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.9	70.3
119	31.0	25.7	38.5



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

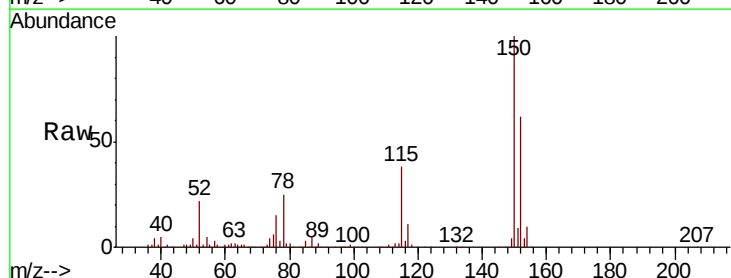
Delta R.T. -0.00 min

Lab File: VW005610.D

Acq: 25 Sep 2018 14:52

Tgt Ion:152 Resp: 77677

Ion	Ratio	Lower	Upper
152	100		
115	56.1	30.0	90.0
150	155.7	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

