

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005322.D
 Acq On : 12 Sep 2018 13:49
 Operator : SY/AP
 Sample : J4777-09RE
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-ERE

Quant Time: Sep 12 14:43:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	445821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	699611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	560679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176261	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	176356	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
35) Dibromofluoromethane	7.89	113	160135	43.70	ug/l	0.00
Spiked Amount			Recovery	=	87.40%	
50) Toluene-d8	10.33	98	646127	34.89	ug/l	0.00
Spiked Amount			Recovery	=	69.78%	
62) 4-Bromofluorobenzene	12.62	95	168476	24.87	ug/l	0.00
Spiked Amount			Recovery	=	49.74%	

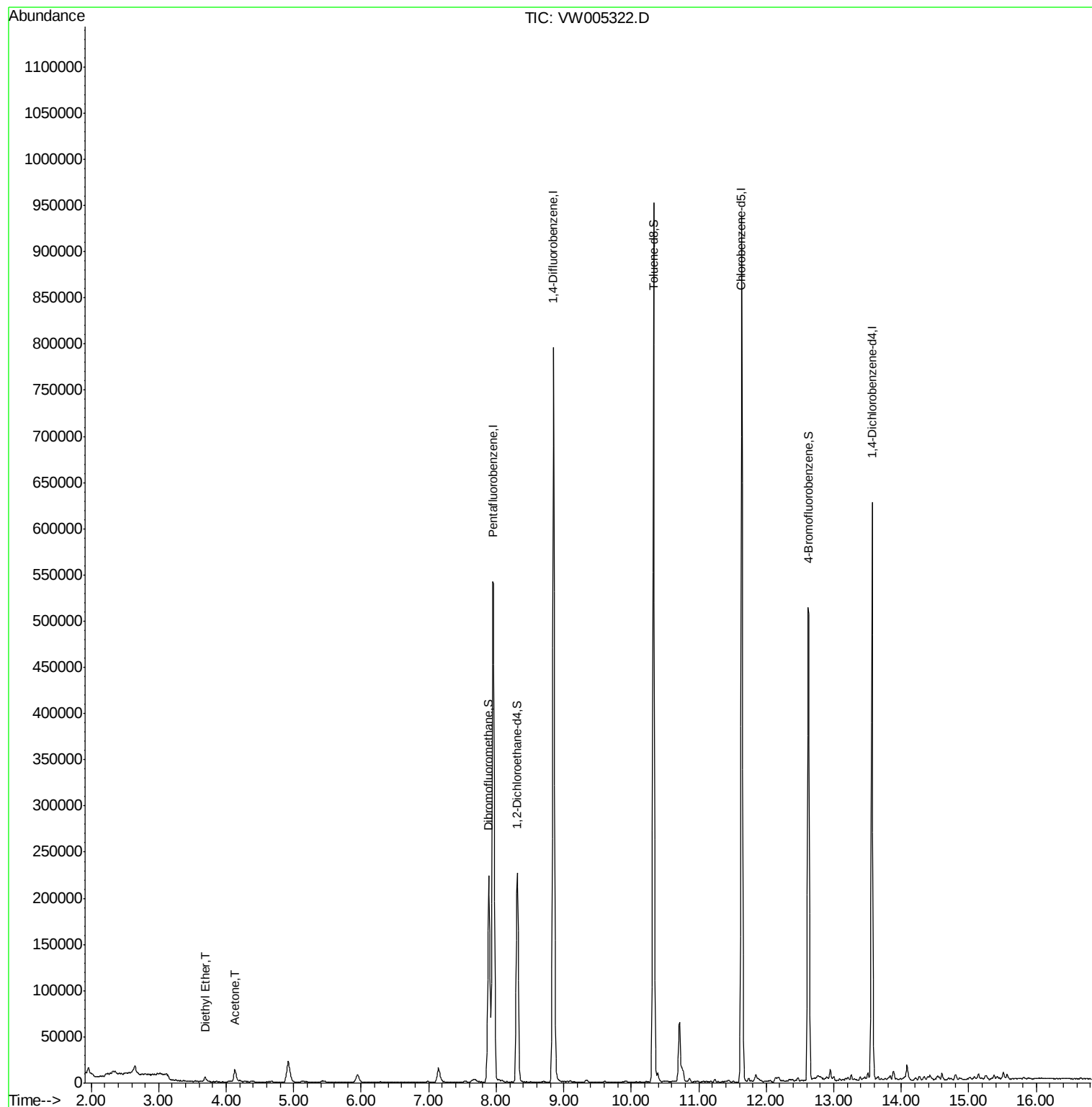
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	2475	1.30	ug/l	93
16) Acetone	4.13	43	23217	37.62	ug/l	97

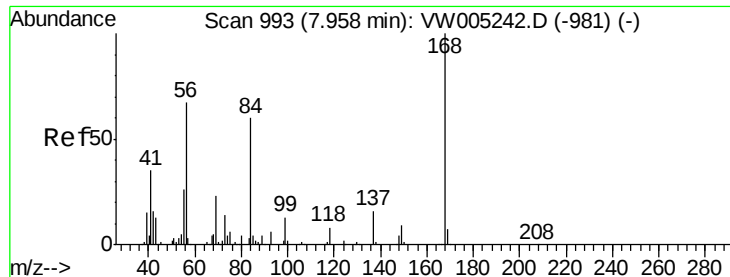
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005322.D

Acq: 12 Sep 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

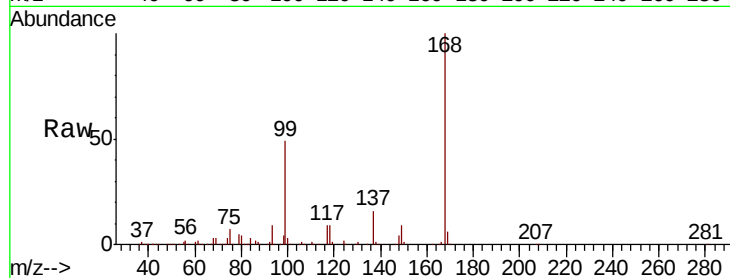
PL-05-090718-ERE

Tot Ion:168 Resp: 445821

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

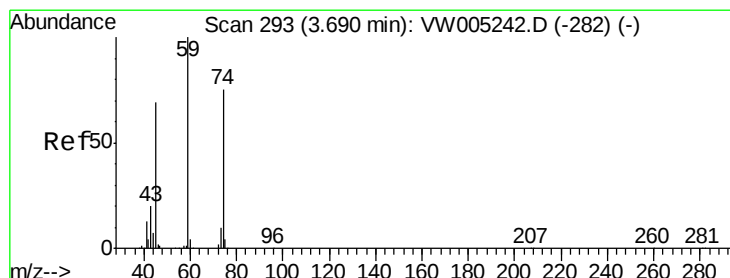
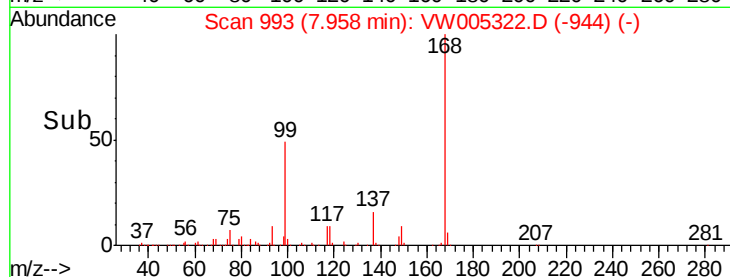
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.30 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW005322.D

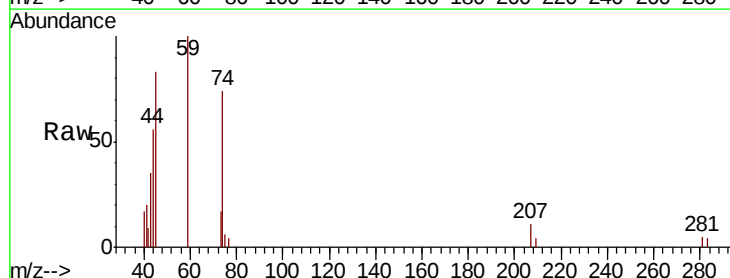
Acq: 12 Sep 2018 13:49

Tgt Ion: 74 Resp: 2475

Ion Ratio Lower Upper

74 100

45 97.1 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

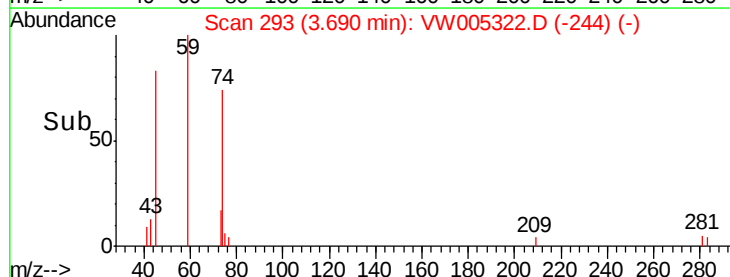
3.69

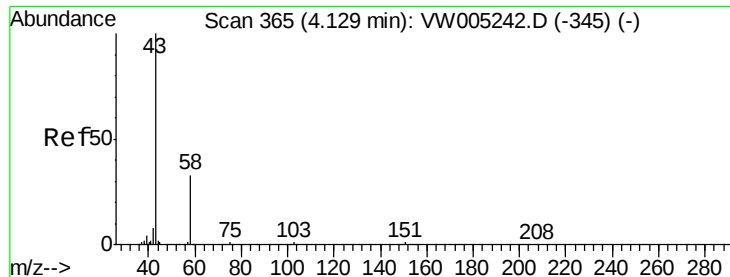
1000

500

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Time-->

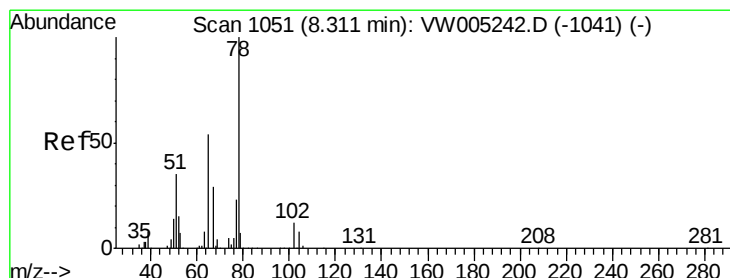
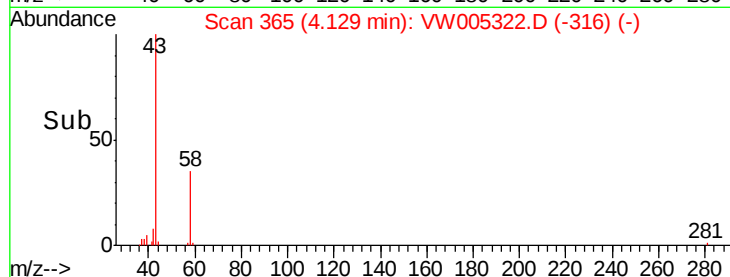
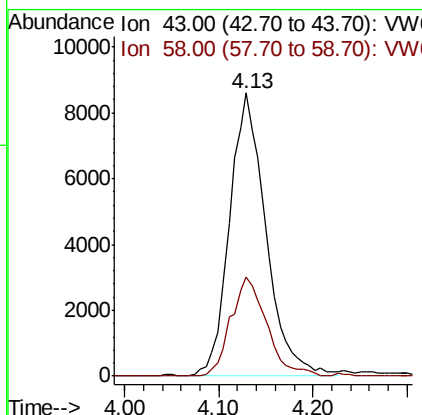
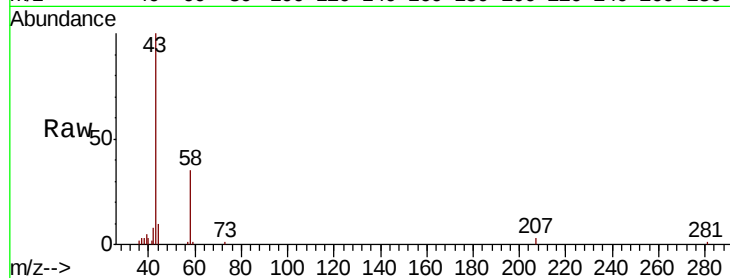




#16
Acetone
Concen: 37.62 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005322.D
Acq: 12 Sep 2018 13:49

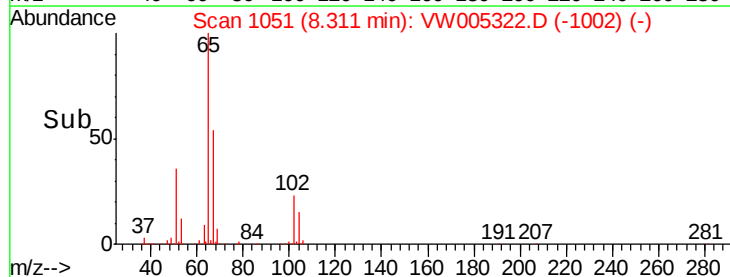
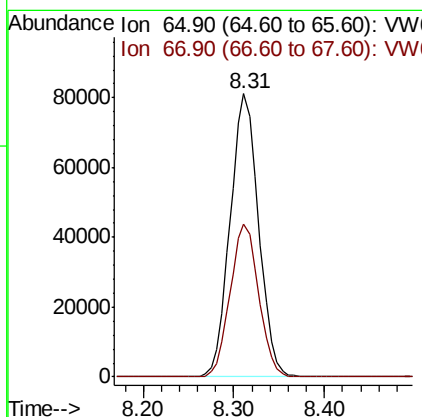
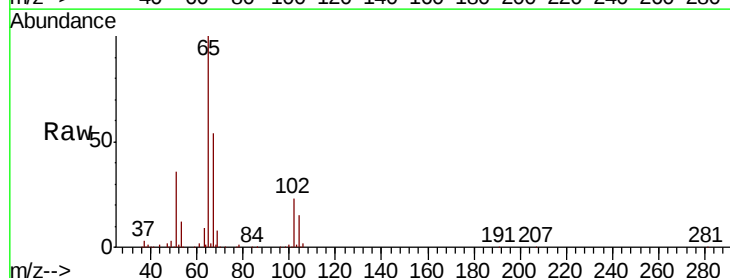
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-ERE

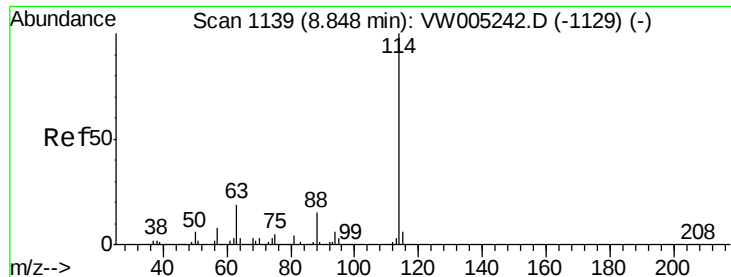
Tot Ion: 43 Resp: 23217
Ion Ratio Lower Upper
43 100
58 34.9 26.7 40.1



#33
1,2-Dichloroethane-d4
Concen: 53.04 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005322.D
Acq: 12 Sep 2018 13:49

Tgt Ion: 65 Resp: 176356
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.2

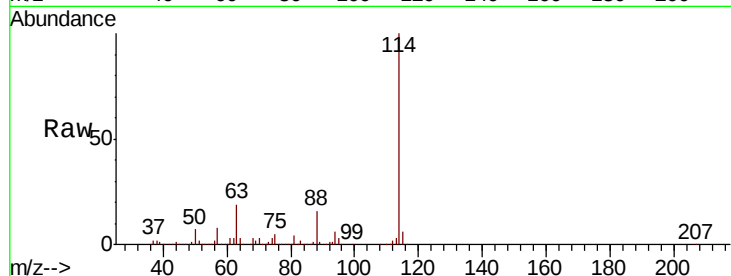




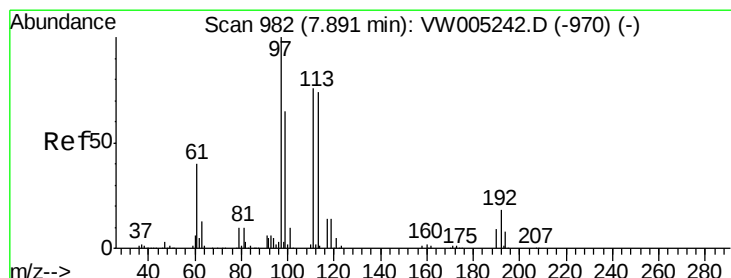
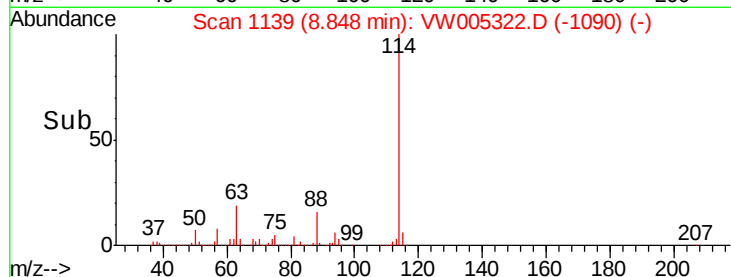
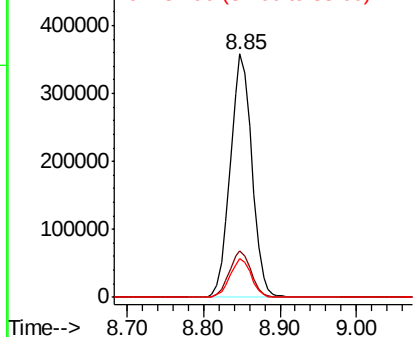
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005322.D
 Acq: 12 Sep 2018 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-ERE

Tot Ion:114	Resp:	699611
Ion Ratio	Lower	Upper
114 100		
63 19.2	0.0	37.0
88 15.7	0.0	30.4

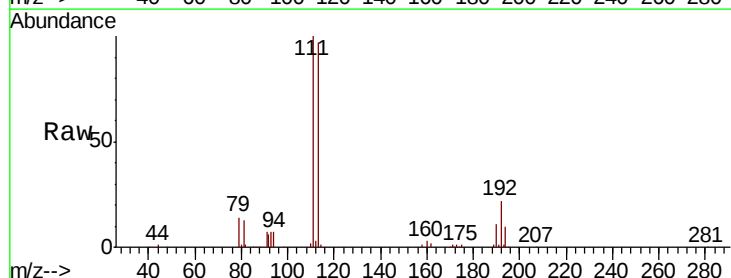


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

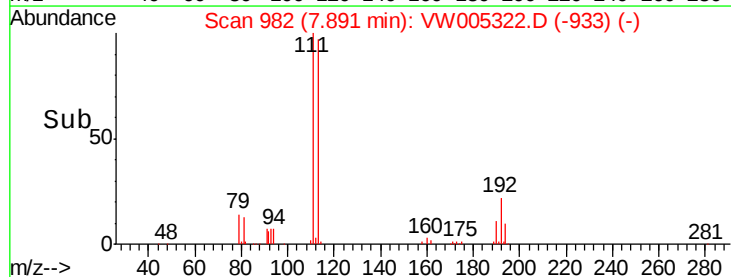
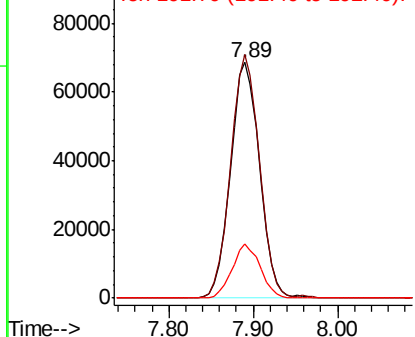


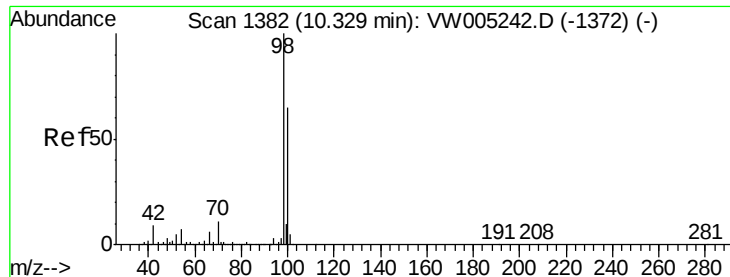
#35
 Dibromofluoromethane
 Concen: 43.70 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005322.D
 Acq: 12 Sep 2018 13:49

Tgt Ion:113	Resp:	160135
Ion Ratio	Lower	Upper
113 100		
111 102.5	80.6	121.0
192 22.0	18.3	27.5



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: 34.89 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005322.D

Acq: 12 Sep 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

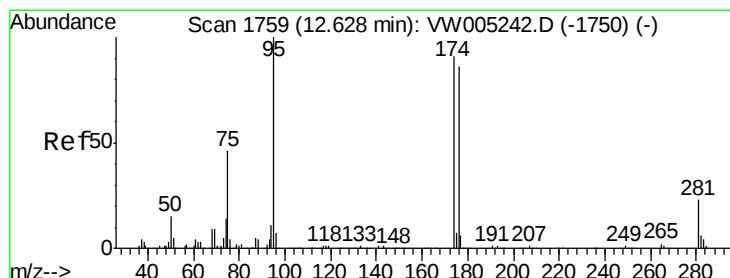
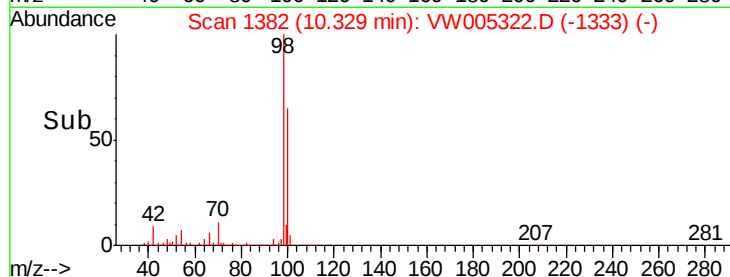
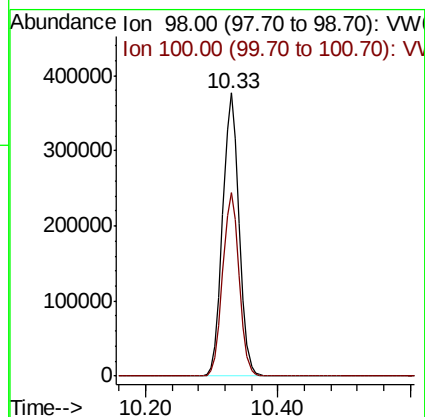
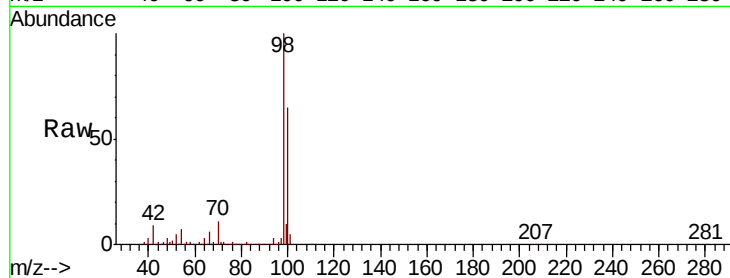
PL-05-090718-ERE

Tot Ion: 98 Resp: 646127

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 24.87 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005322.D

Acq: 12 Sep 2018 13:49

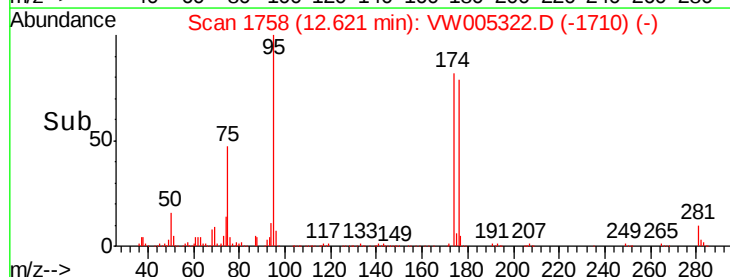
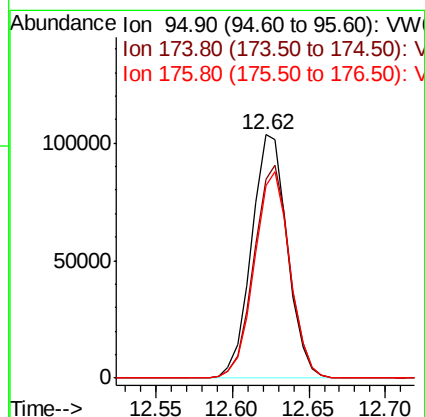
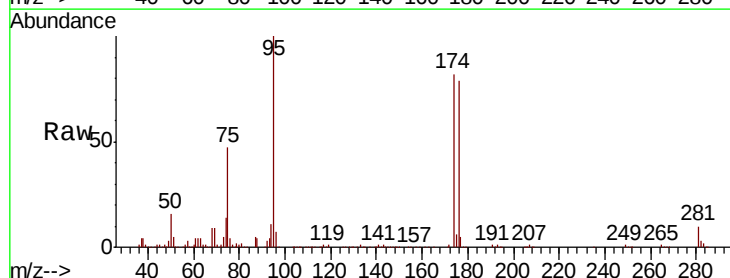
Tgt Ion: 95 Resp: 168476

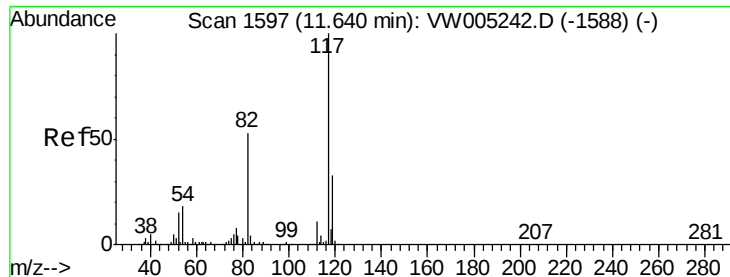
Ion Ratio Lower Upper

95 100

174 87.6 0.0 174.6

176 84.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005322.D

Acq: 12 Sep 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-ERE

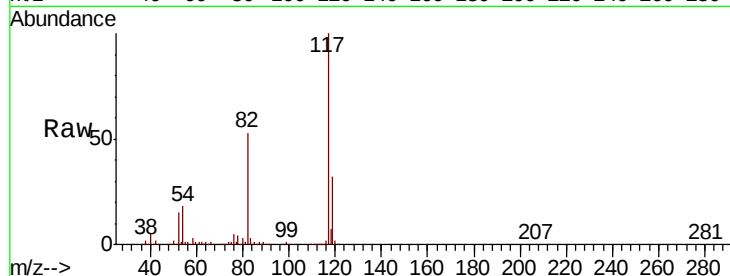
Tot Ion:117 Resp: 560679

Ion Ratio Lower Upper

117 100

82 53.2 42.6 63.8

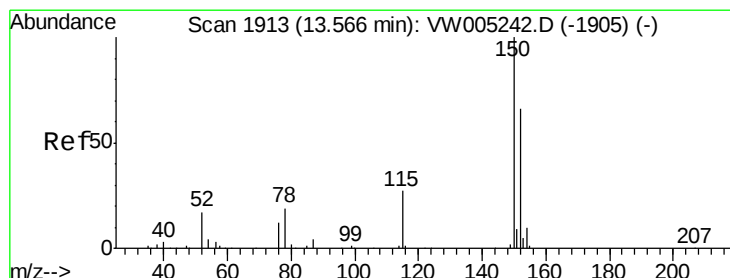
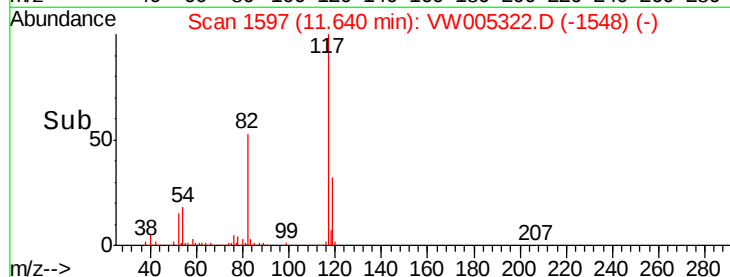
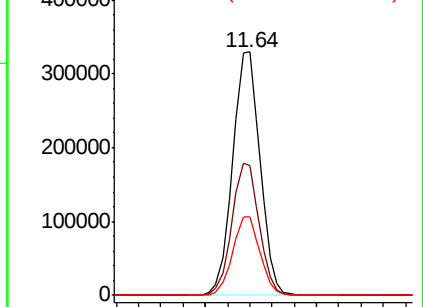
119 32.4 26.2 39.4



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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005322.D

Acq: 12 Sep 2018 13:49

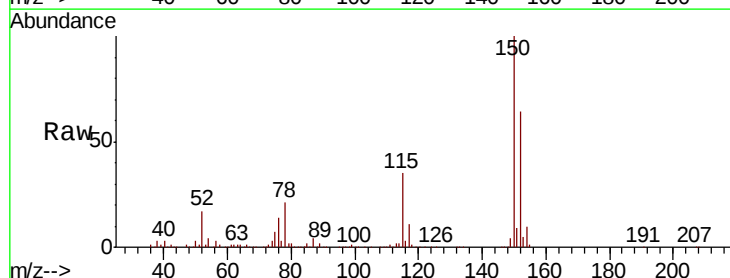
Tgt Ion:152 Resp: 176261

Ion Ratio Lower Upper

152 100

115 56.5 27.5 82.4

150 156.4 0.0 347.4



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

