

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005315.D
 Acq On : 12 Sep 2018 10:12
 Operator : SY/AP
 Sample : J4777-07RE
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

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

Quant Time: Sep 12 11:45:56 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	401542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	664355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	472527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	121137	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	188364	62.89	ug/l	0.00
Spiked Amount			Recovery	=	125.78%	
35) Dibromofluoromethane	7.89	113	56786	16.32	ug/l	0.00
Spiked Amount			Recovery	=	32.64%	
50) Toluene-d8	10.33	98	612136	34.81	ug/l	0.00
Spiked Amount			Recovery	=	69.62%	
62) 4-Bromofluorobenzene	12.63	95	145525	22.62	ug/l	0.00
Spiked Amount			Recovery	=	45.24%	

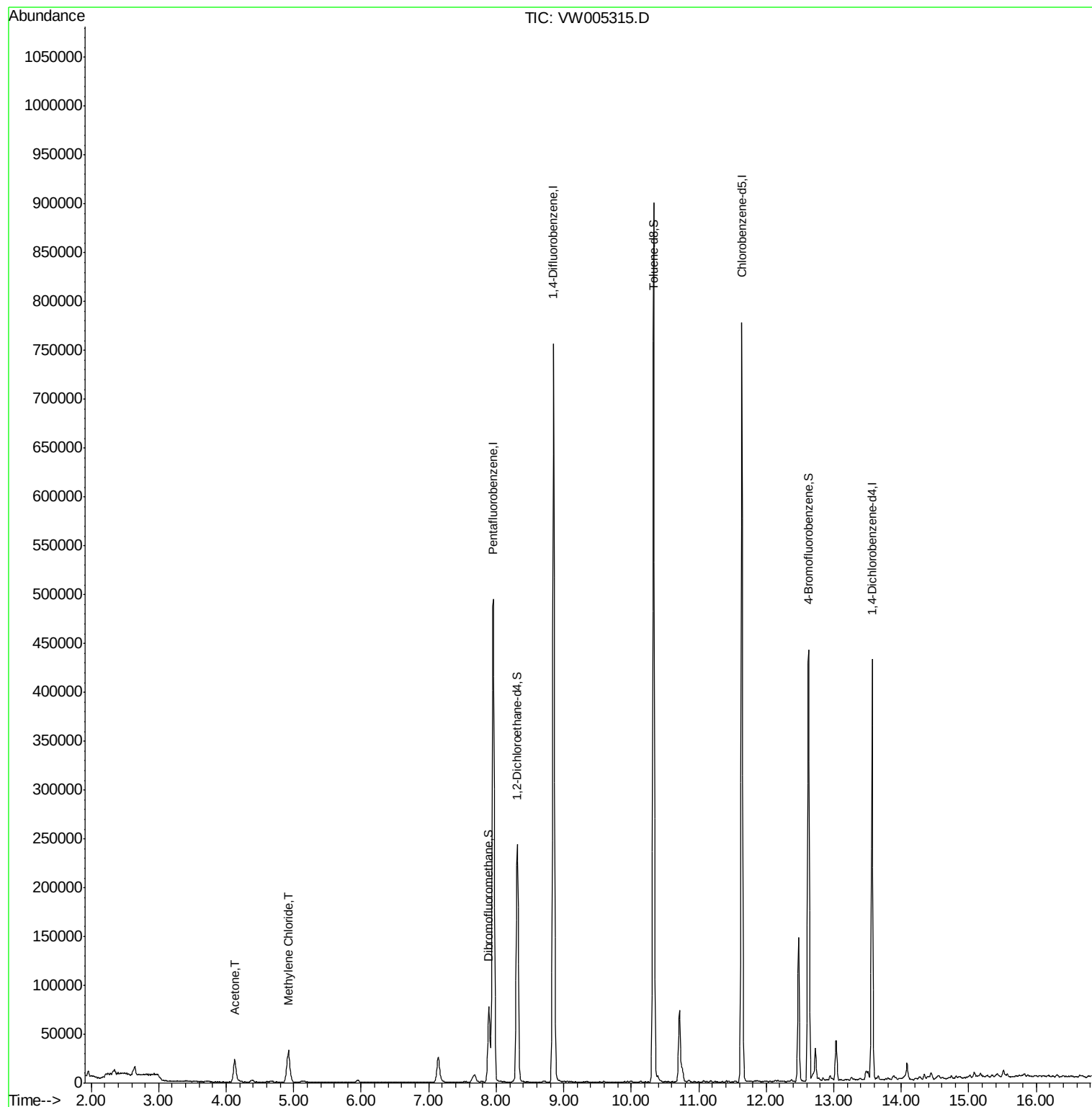
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	41394	74.46	ug/l	99
20) Methylene Chloride	4.92	84	26239	3.27	ug/l	95

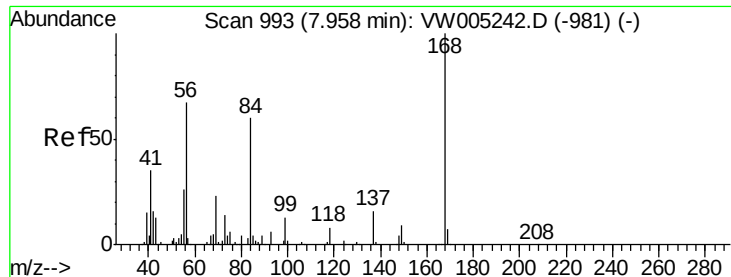
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005315.D

Acq: 12 Sep 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

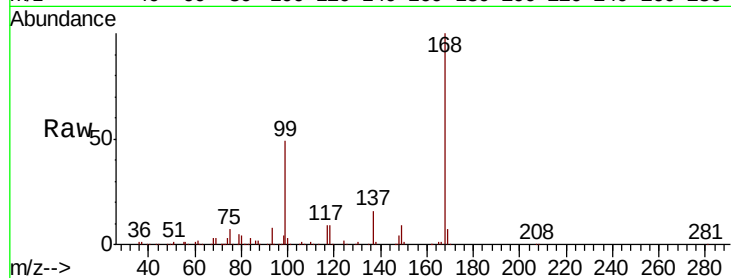
PL-05-090718-DRE

Tot Ion:168 Resp: 401542

Ion Ratio Lower Upper

168 100

99 49.5 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

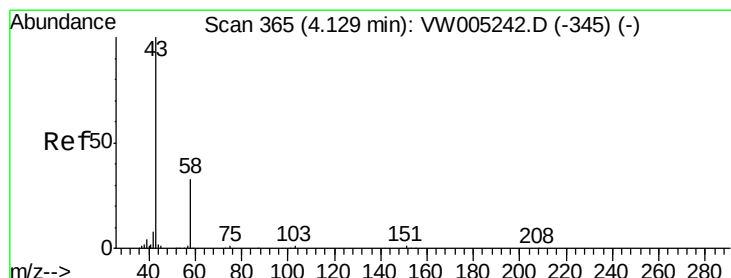
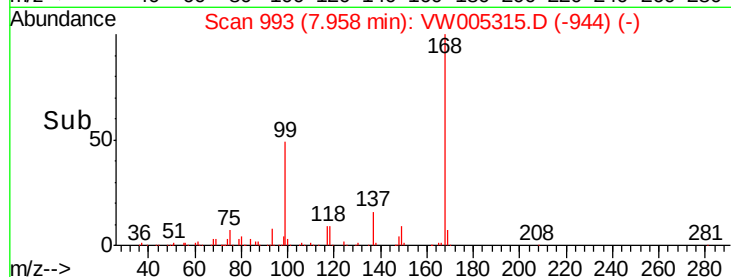
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 74.46 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005315.D

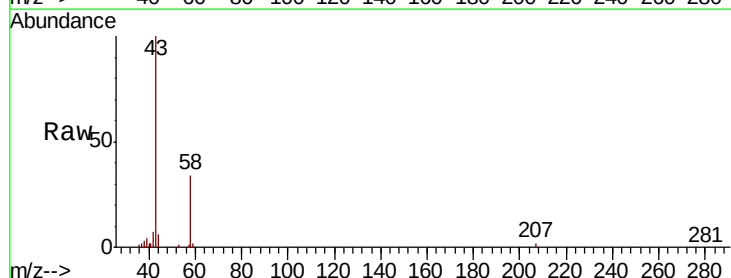
Acq: 12 Sep 2018 10:12

Tgt Ion: 43 Resp: 41394

Ion Ratio Lower Upper

43 100

58 33.9 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

15000

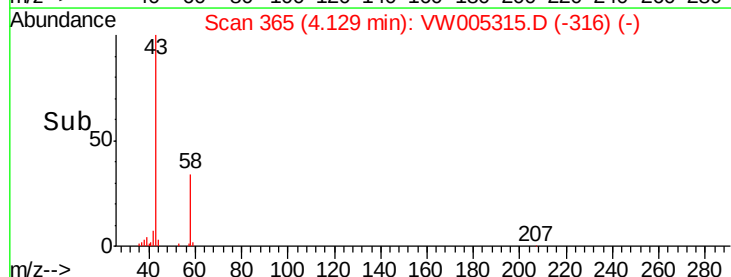
10000

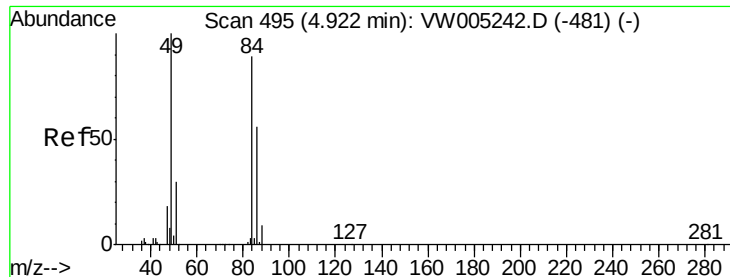
5000

0

4.00 4.10 4.20

Time-->

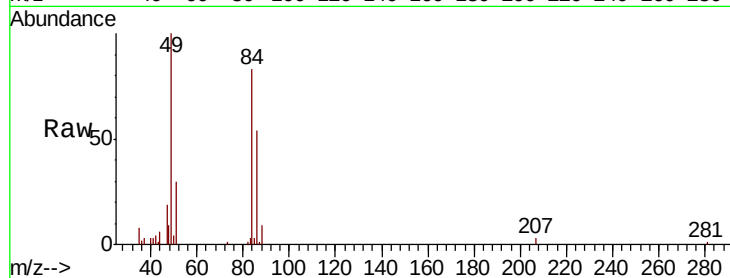




#20
Methylene Chloride
Concen: 3.27 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005315.D
Acq: 12 Sep 2018 10:12

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

Tot Ion:	84	Resp:	26239
Ion	Ratio	Lower	Upper
84	100		
49	120.9	90.3	135.5
51	36.2	26.9	40.3
86	65.1	50.8	76.2



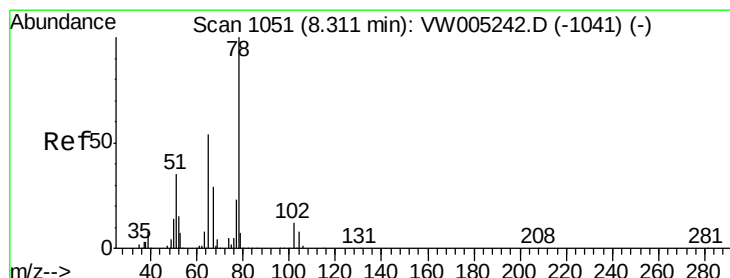
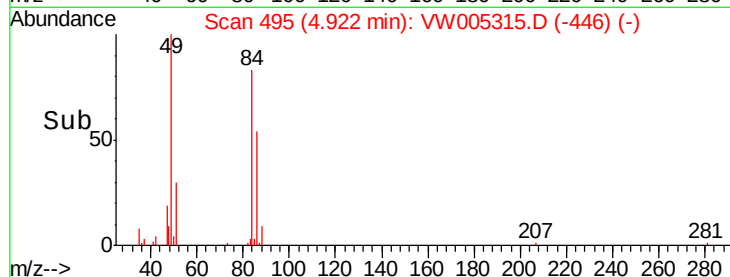
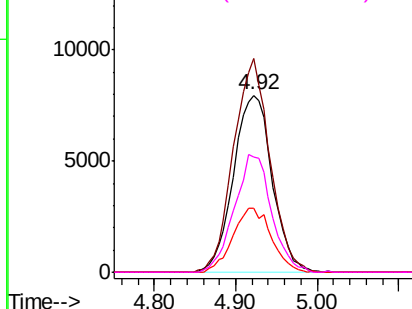
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

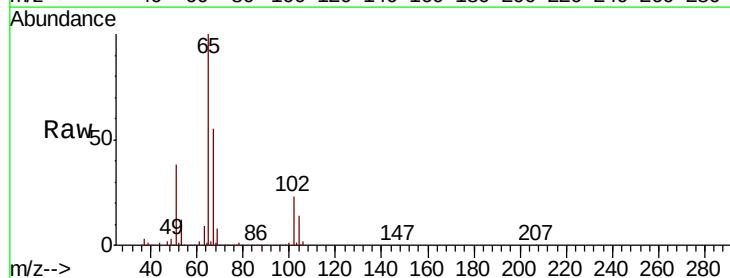
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33
1,2-Dichloroethane-d4
Concen: 62.89 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005315.D
Acq: 12 Sep 2018 10:12

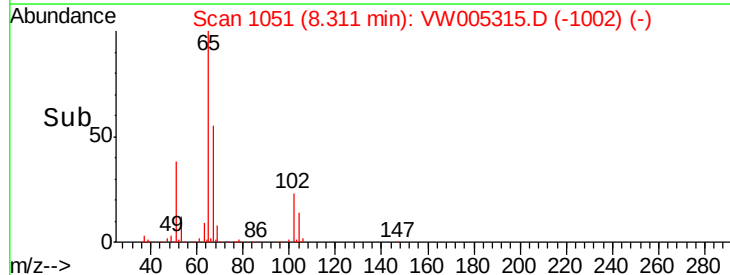
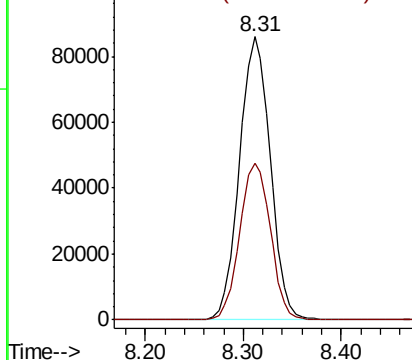
Tgt Ion:	65	Resp:	188364
Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	112.2

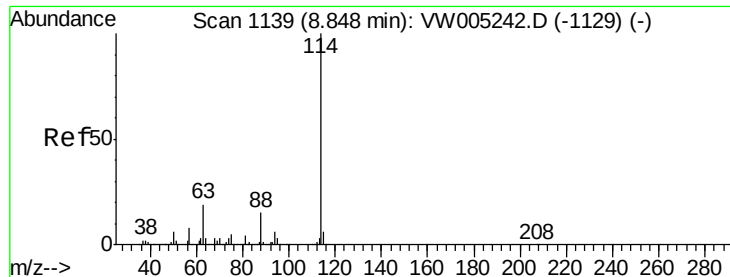


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

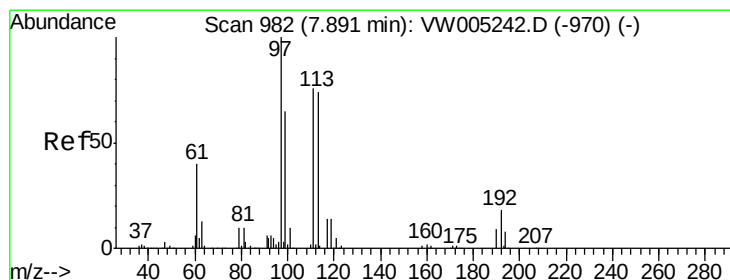
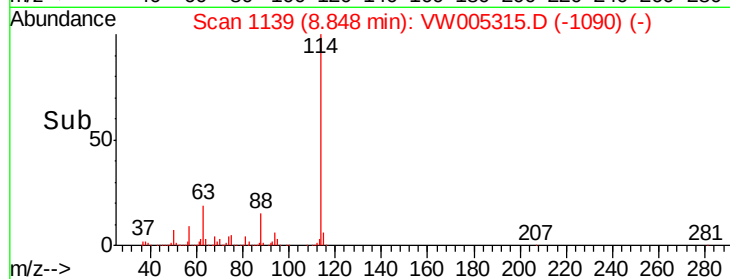
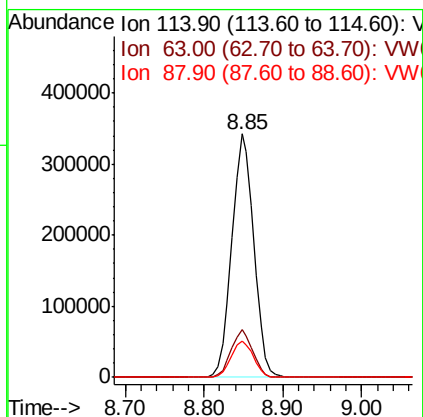
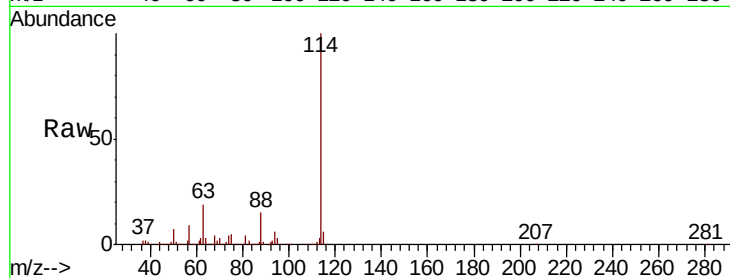




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005315.D
 Acq: 12 Sep 2018 10:12

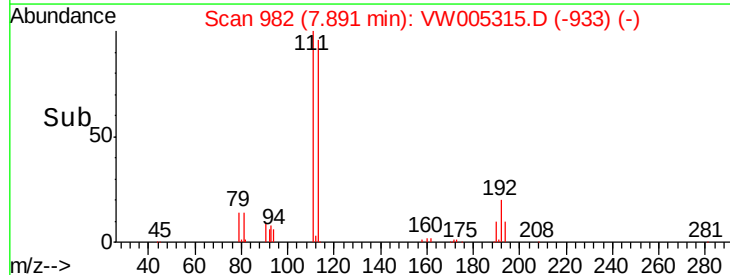
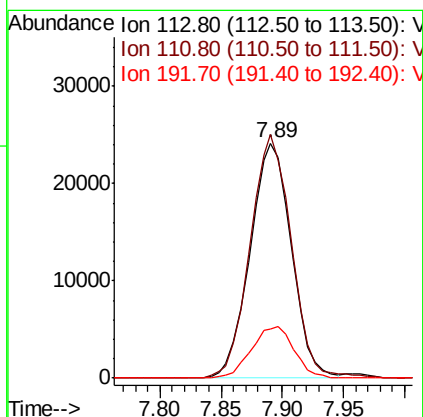
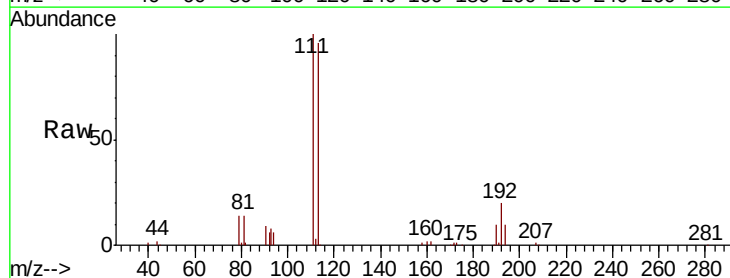
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-DRE

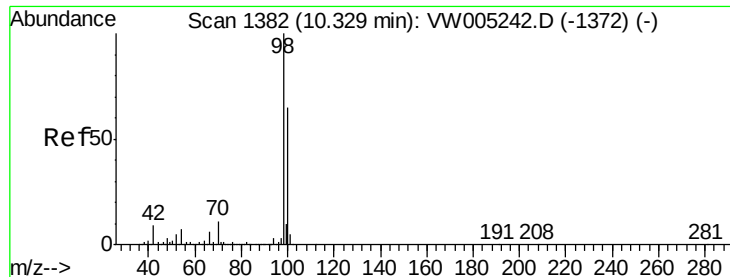
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.0
88	14.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 16.32 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005315.D
 Acq: 12 Sep 2018 10:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.6	121.0
192	22.6	18.3	27.5





#50

Toluene-d8

Concen: 34.81 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005315.D

Acq: 12 Sep 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

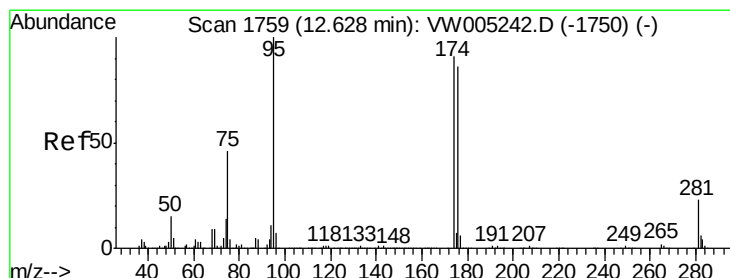
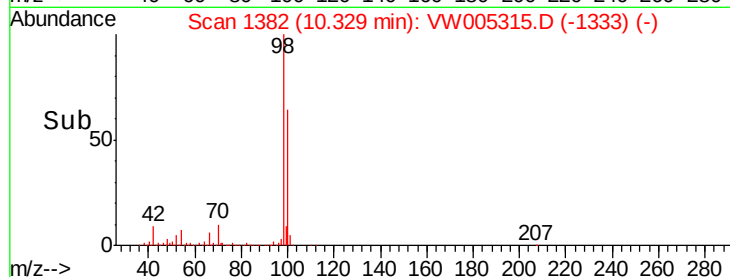
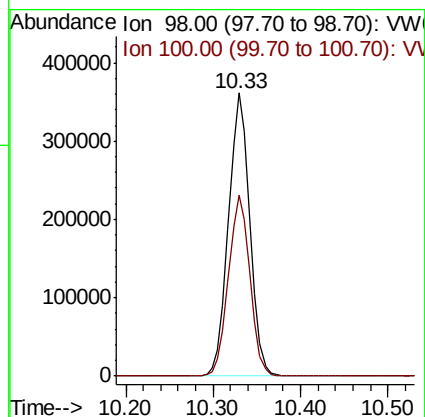
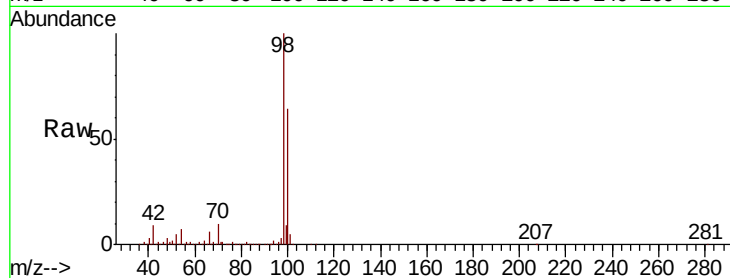
PL-05-090718-DRE

Tot Ion: 98 Resp: 612136

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.62 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005315.D

Acq: 12 Sep 2018 10:12

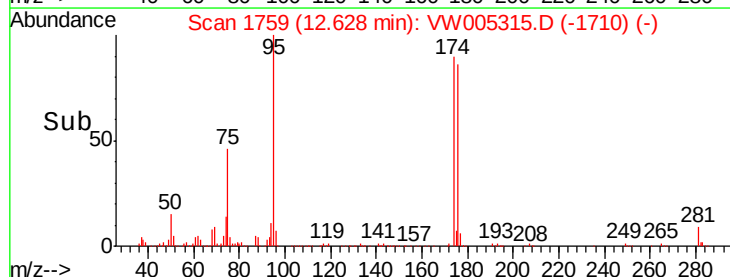
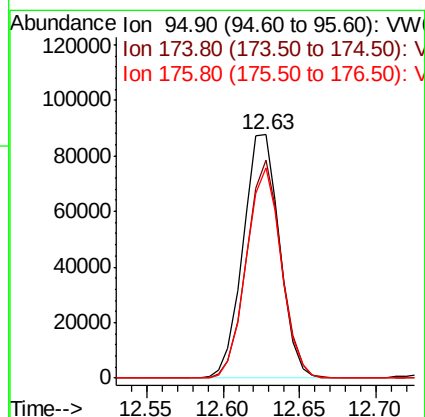
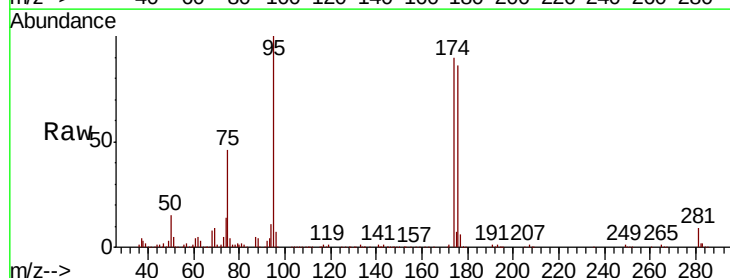
Tgt Ion: 95 Resp: 145525

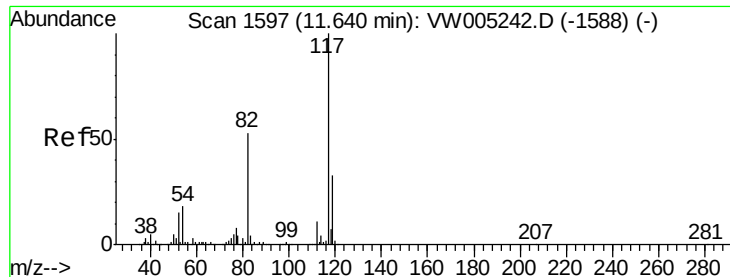
Ion Ratio Lower Upper

95 100

174 85.0 0.0 174.6

176 82.8 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: VW005315.D

Acq: 12 Sep 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-DRE

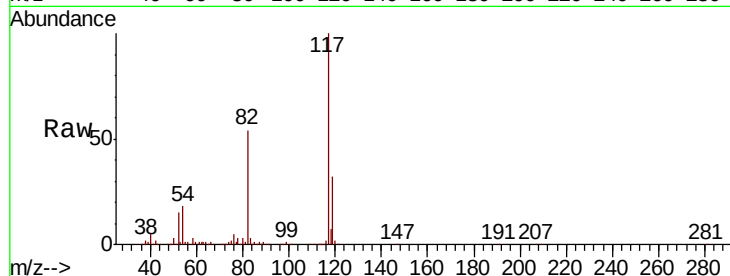
Tot Ion:117 Resp: 472527

Ion Ratio Lower Upper

117 100

82 53.9 42.6 63.8

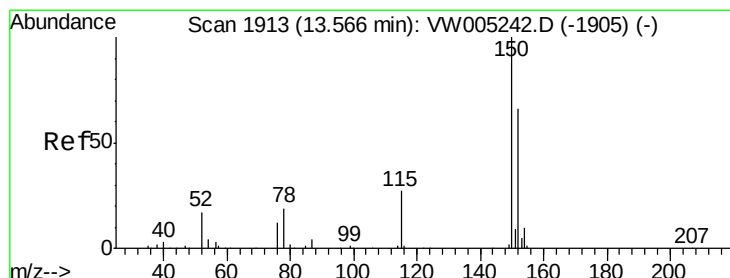
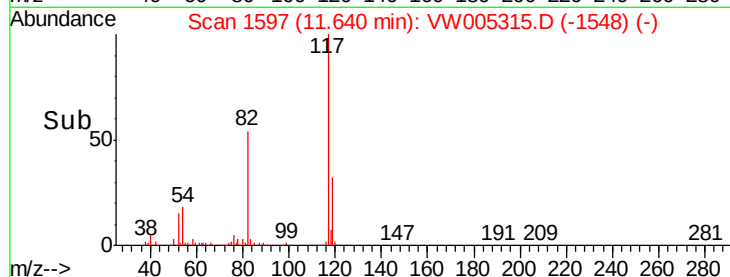
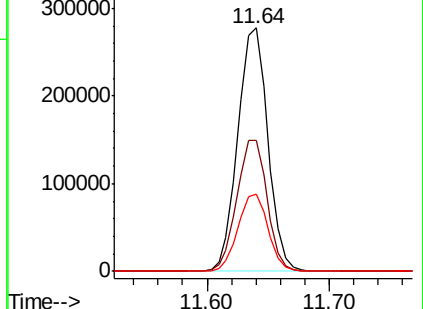
119 31.9 26.2 39.4



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: VW005315.D

Acq: 12 Sep 2018 10:12

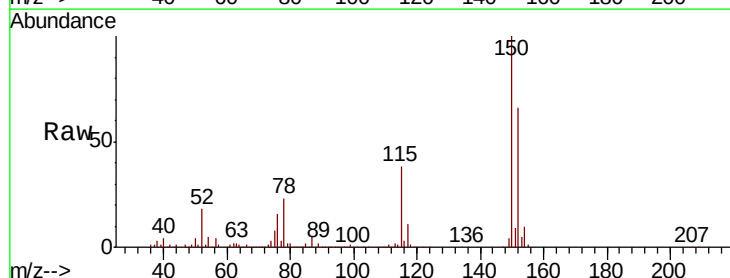
Tgt Ion:152 Resp: 121137

Ion Ratio Lower Upper

152 100

115 56.2 27.5 82.4

150 154.9 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

