

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005595.D
 Acq On : 24 Sep 2018 19:39
 Operator : VA/AP
 Sample : J4770-17
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-I

Quant Time: Sep 25 07:27:36 2018
 Quant Method : Z:\VOASRV\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	7.96	168	227173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	292811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	117016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89037	33.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.54%	
35) Dibromofluoromethane	7.89	113	73606	32.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.78%	
50) Toluene-d8	10.33	98	233903	25.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.56%	
62) 4-Bromofluorobenzene	12.63	95	75072	21.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.86%	

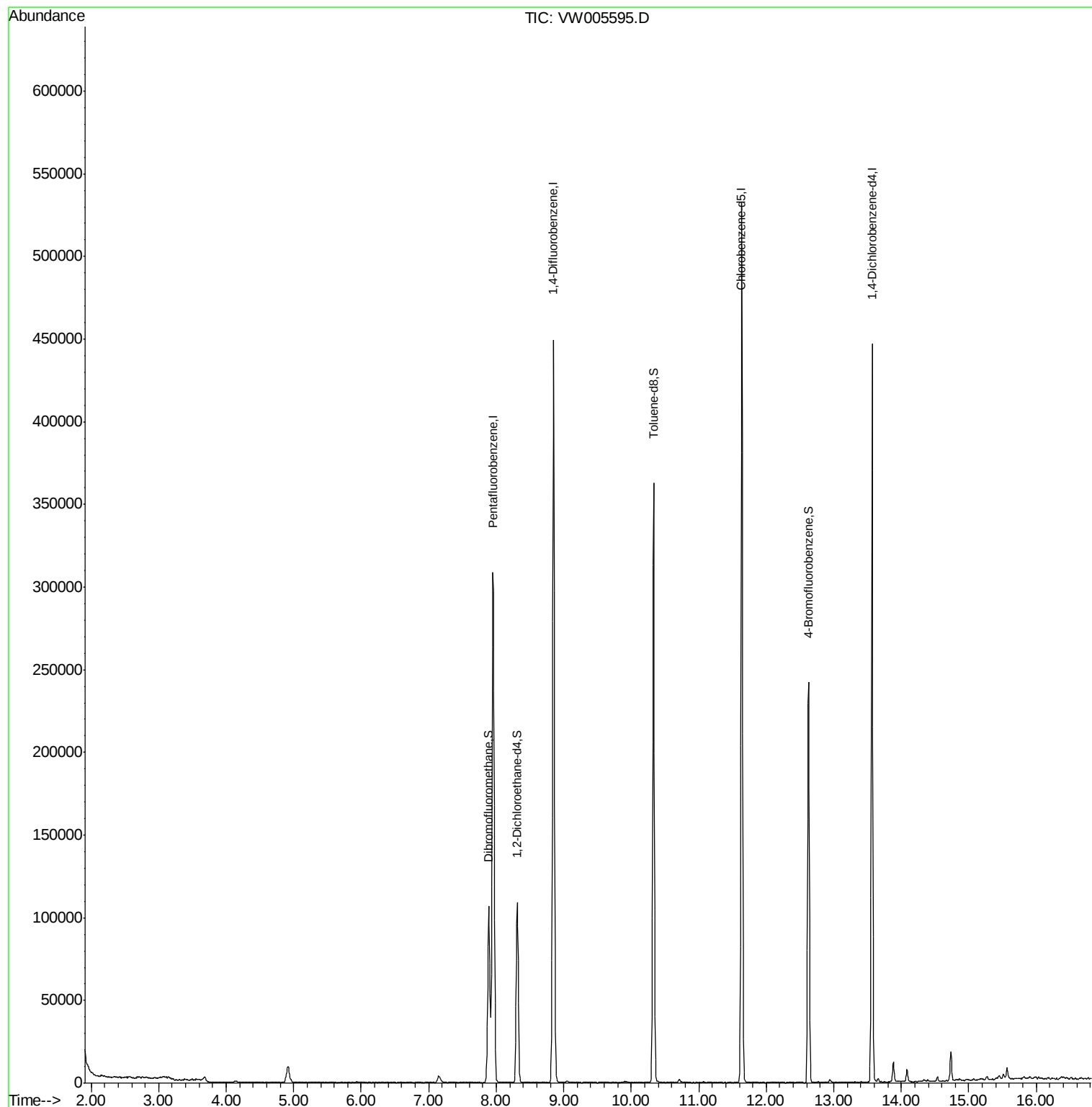
Target Compounds	Qvalue

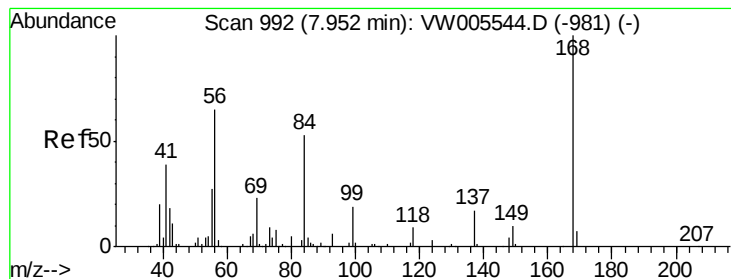
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005595.D

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Instrument :

MSVOA_W

ClientSampleId :

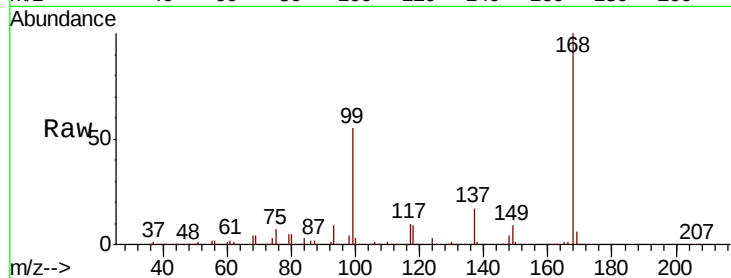
JC-02-092118-I

Tot Ion:168 Resp: 227173

Ion Ratio Lower Upper

168 100

99 54.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

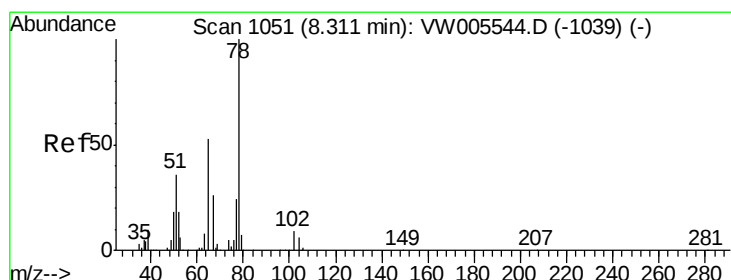
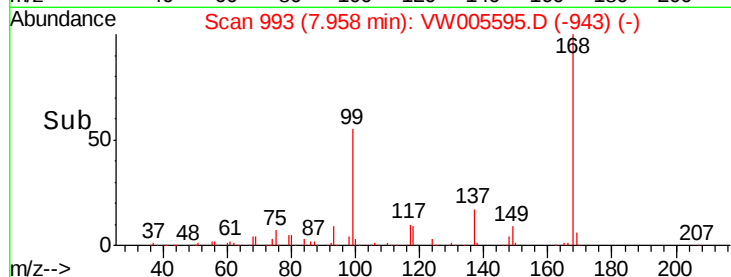
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 33.269 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005595.D

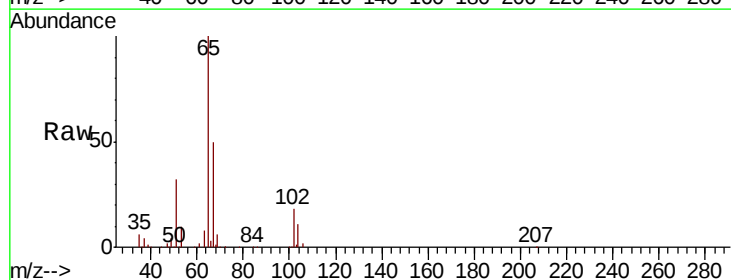
Acq: 24 Sep 2018 19:39

Tgt Ion: 65 Resp: 89037

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

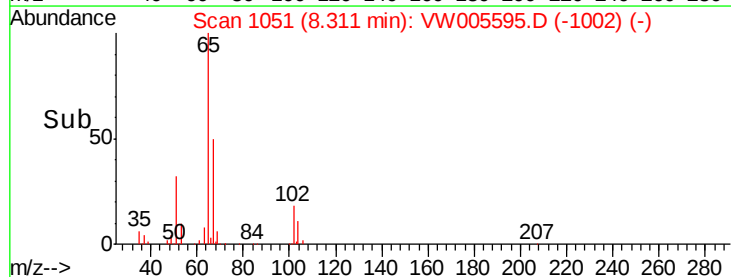
30000

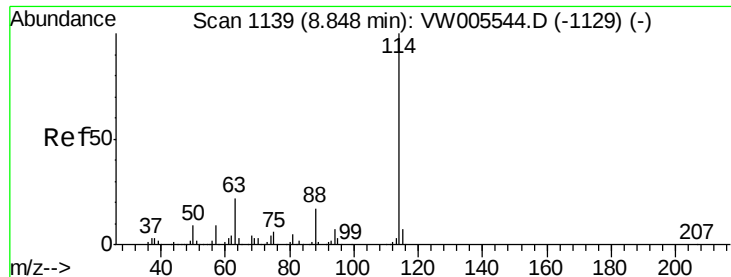
20000

10000

0

Time-->

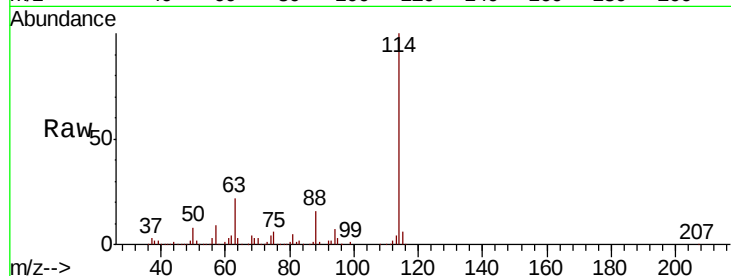




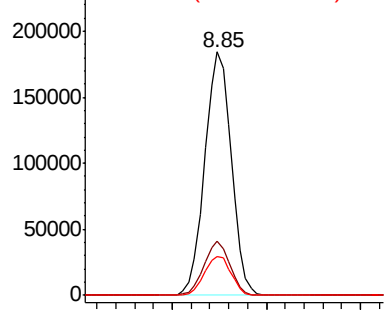
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005595.D
 Acq: 24 Sep 2018 19:39

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-I

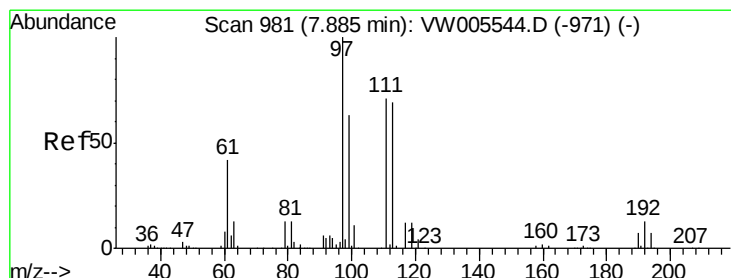
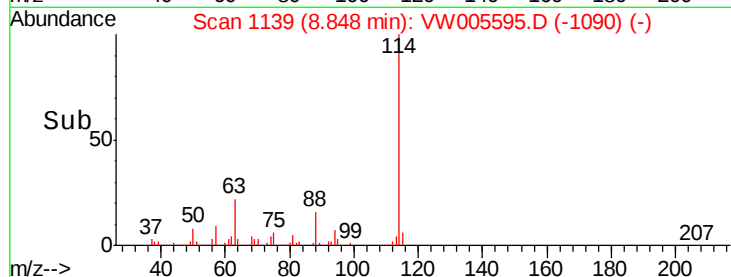
Tot Ion:114	Resp:	361330
Ion Ratio	Lower	Upper
114 100		
63 22.3	0.0	43.0
88 16.2	0.0	33.0



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

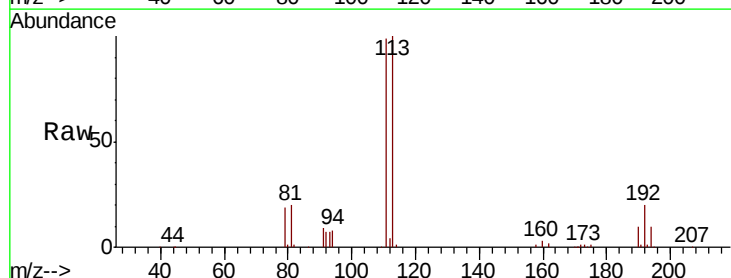


Time-->

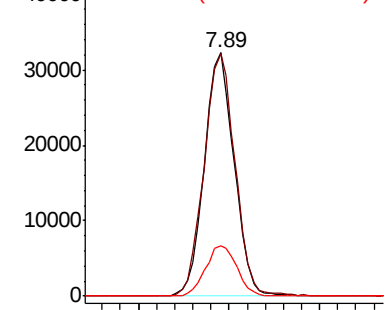


#35
 Dibromofluoromethane
 Concen: 32.393 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005595.D
 Acq: 24 Sep 2018 19:39

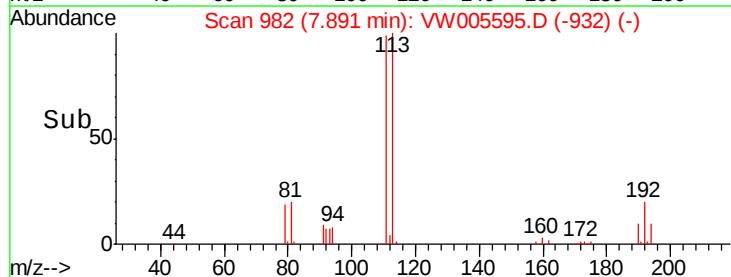
Tgt Ion:113	Resp:	73606
Ion Ratio	Lower	Upper
113 100		
111 103.2	82.6	123.8
192 21.6	17.0	25.4

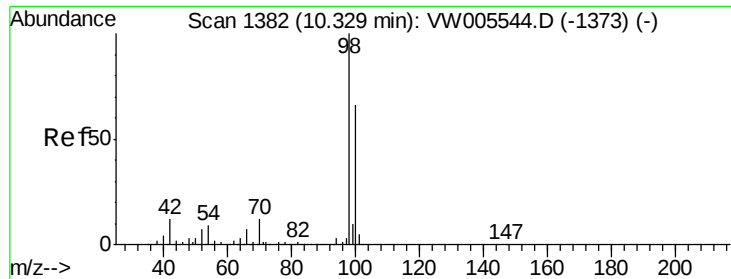


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 25.281 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005595.D

Acq: 24 Sep 2018 19:39

Instrument :

MSVOA_W

ClientSampleId :

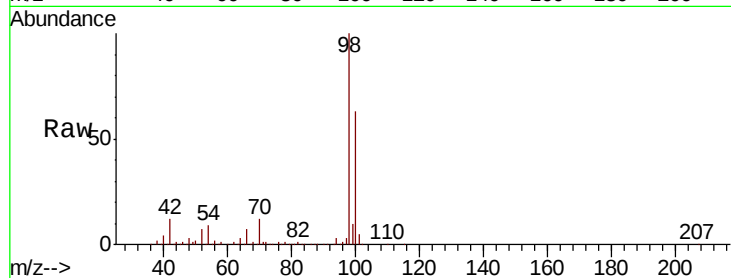
JC-02-092118-I

Tot Ion: 98 Resp: 233903

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

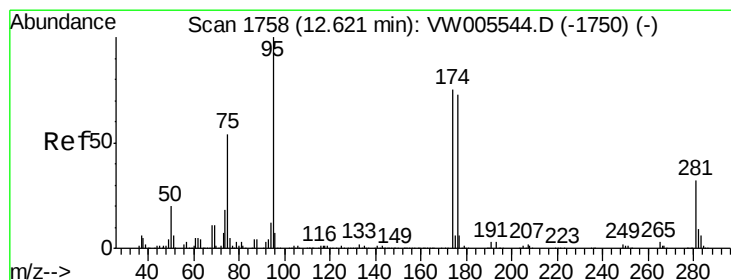
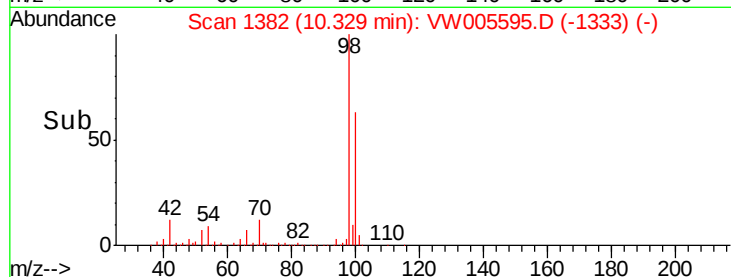
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 21.928 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005595.D

Acq: 24 Sep 2018 19:39

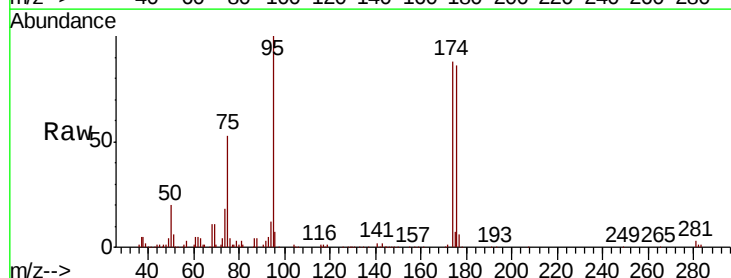
Tgt Ion: 95 Resp: 75072

Ion Ratio Lower Upper

95 100

174 86.0 0.0 163.8

176 82.4 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

60000

50000

40000

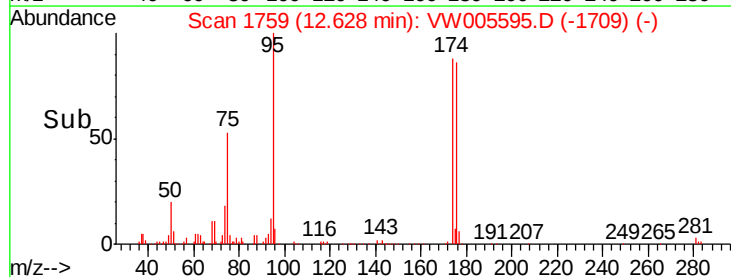
30000

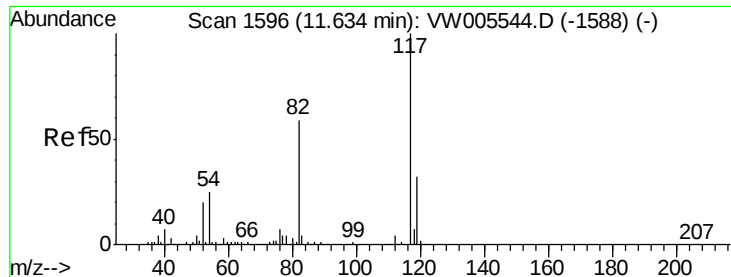
20000

10000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005595.D

Acq: 24 Sep 2018 19:39

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-I

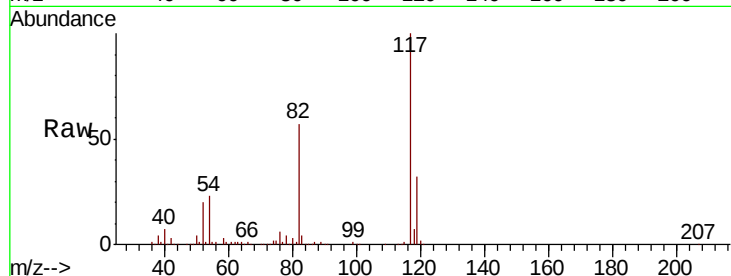
Tot Ion:117 Resp: 292811

Ion Ratio Lower Upper

117 100

82 56.8 46.9 70.3

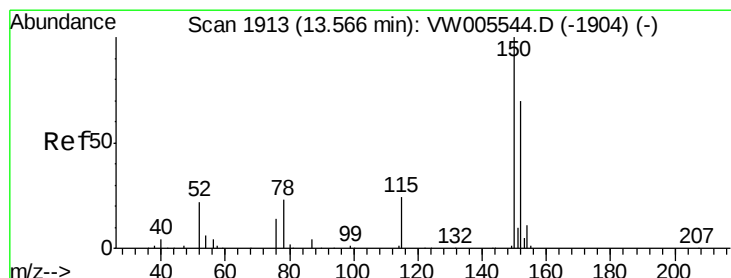
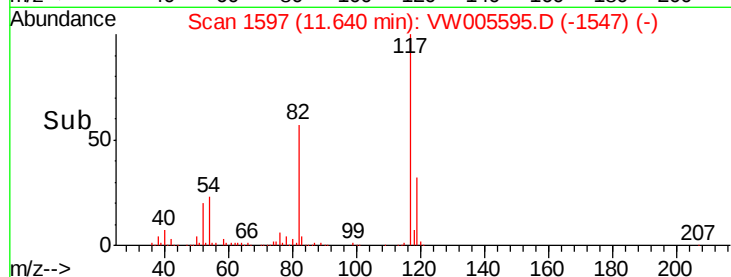
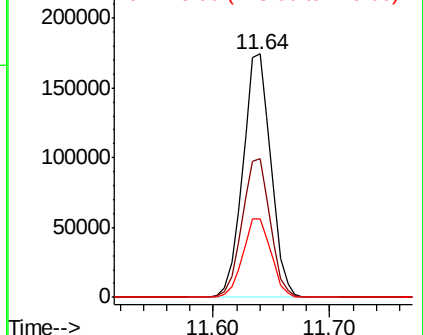
119 32.4 25.7 38.5



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: VW005595.D

Acq: 24 Sep 2018 19:39

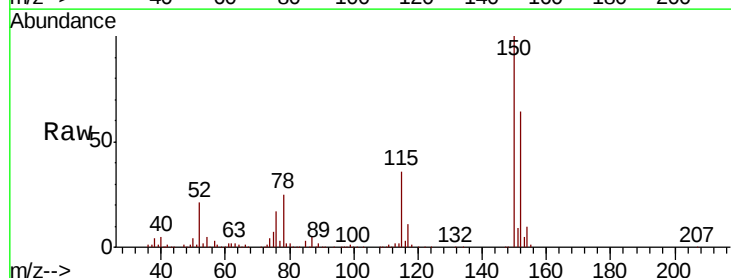
Tgt Ion:152 Resp: 117016

Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

150 154.5 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

