

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005588.D
 Acq On : 24 Sep 2018 16:39
 Operator : VA/AP
 Sample : J4770-03
 Misc : 6.50G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 25 07:13:50 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	7.95	168	223215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	285484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	102774	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	74363	28.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.56%	
35) Dibromofluoromethane	7.89	113	61808	27.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.30%	
50) Toluene-d8	10.33	98	200855	22.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.14%	
62) 4-Bromofluorobenzene	12.63	95	57482	17.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.14%	

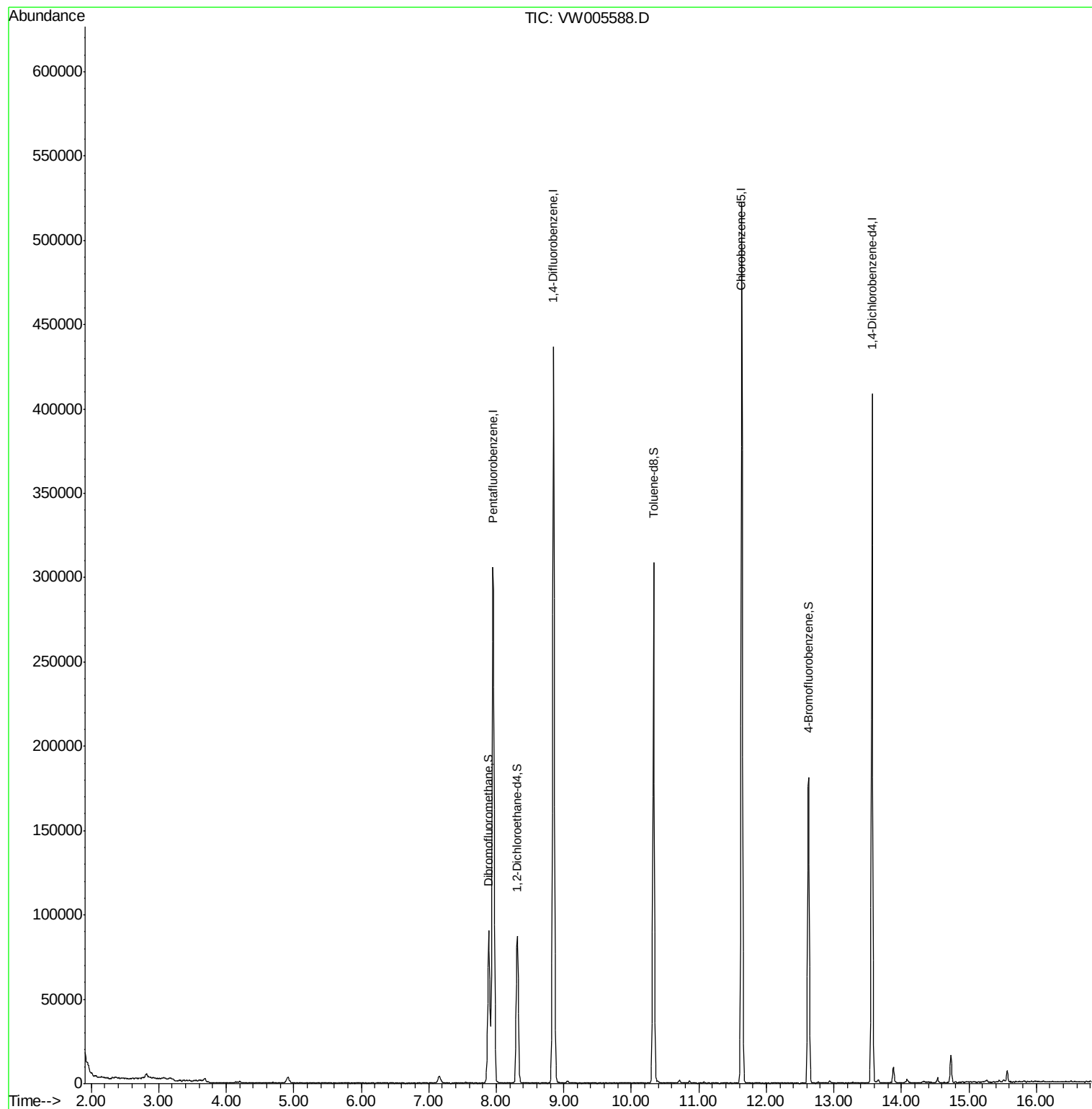
Target Compounds	Qvalue

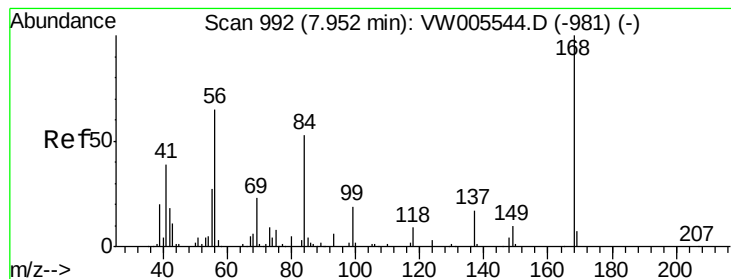
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005588.D

Acq: 24 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

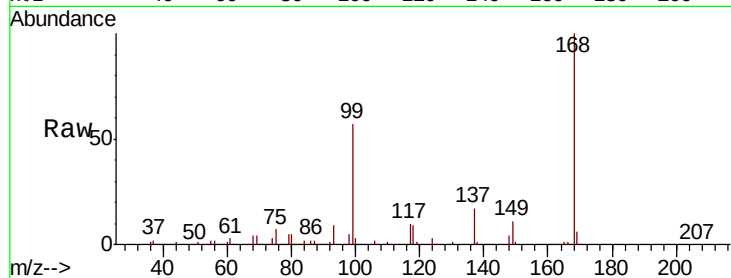
JC-02-092118-B

Tot Ion:168 Resp: 223215

Ion Ratio Lower Upper

168 100

99 56.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

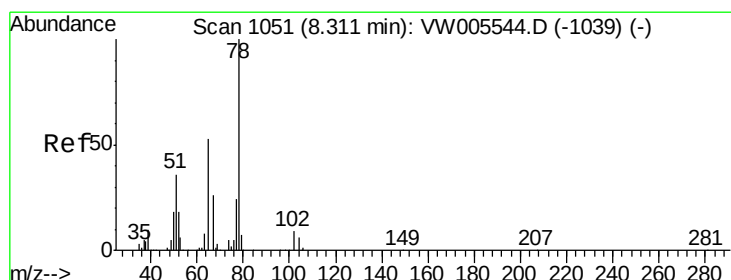
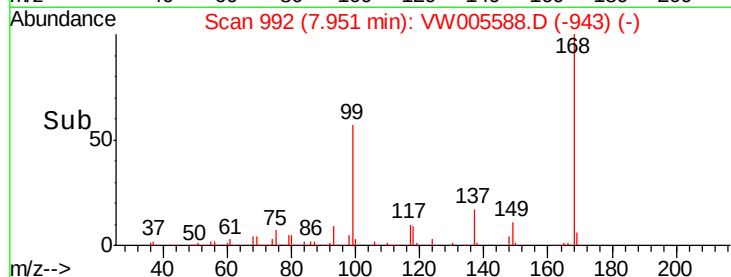
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 28.279 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005588.D

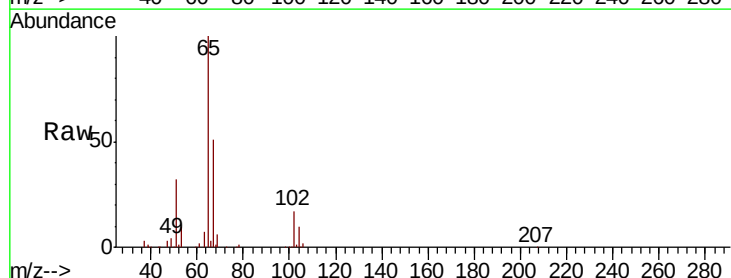
Acq: 24 Sep 2018 16:39

Tgt Ion: 65 Resp: 74363

Ion Ratio Lower Upper

65 100

67 49.4 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

40000

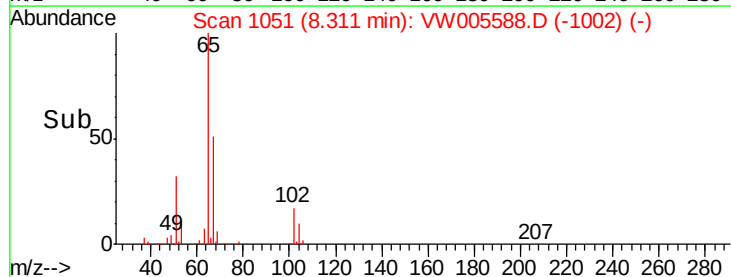
30000

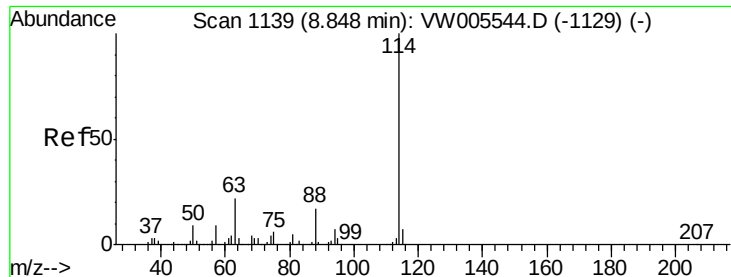
20000

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: VW005588.D

Acq: 24 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-B

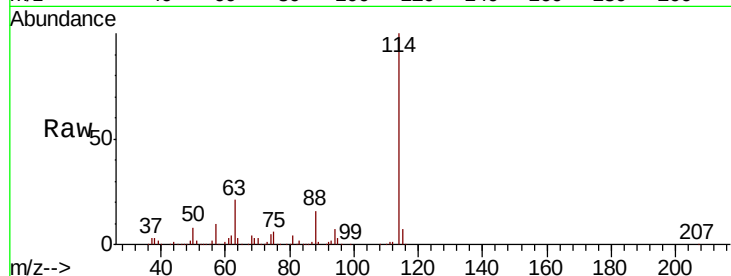
Tot Ion:114 Resp: 355408

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

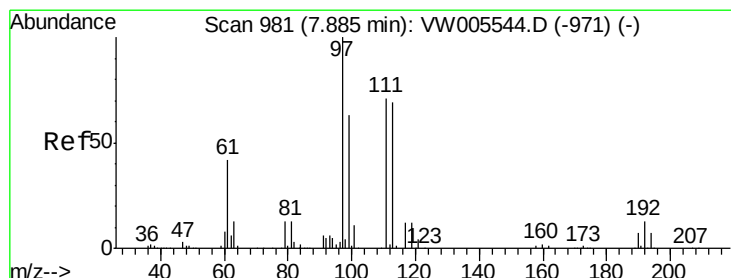
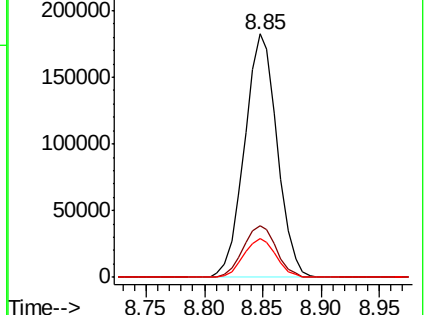
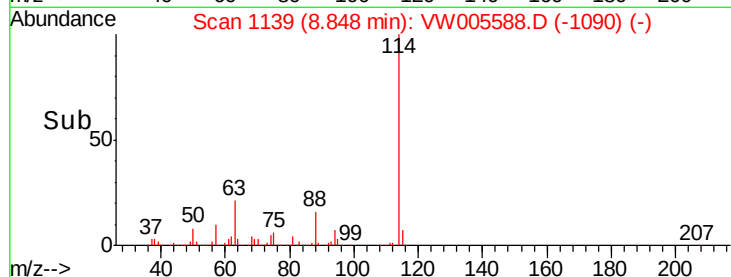
88 15.7 0.0 33.0



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: 27.654 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005588.D

Acq: 24 Sep 2018 16:39

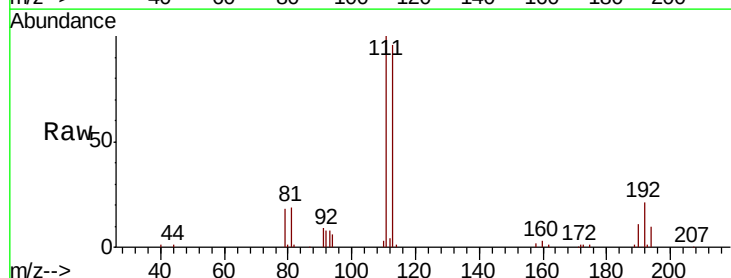
Tgt Ion:113 Resp: 61808

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

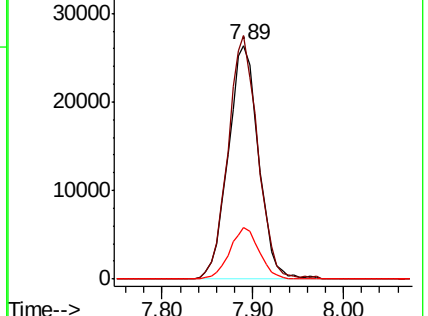
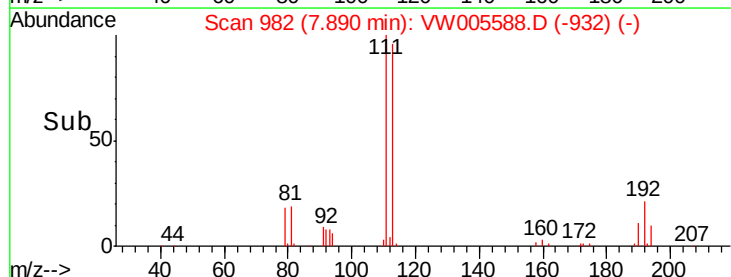
192 21.3 17.0 25.4

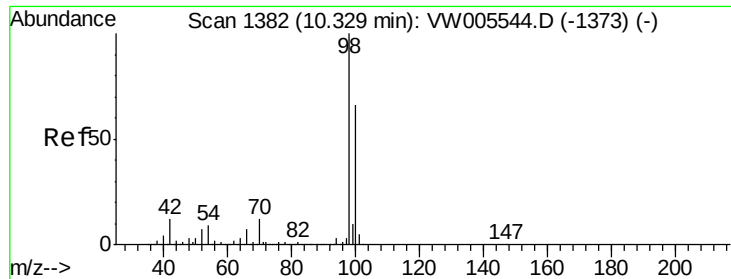


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 22.071 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005588.D

Acq: 24 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

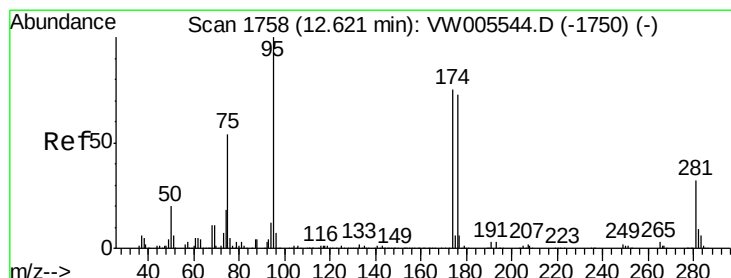
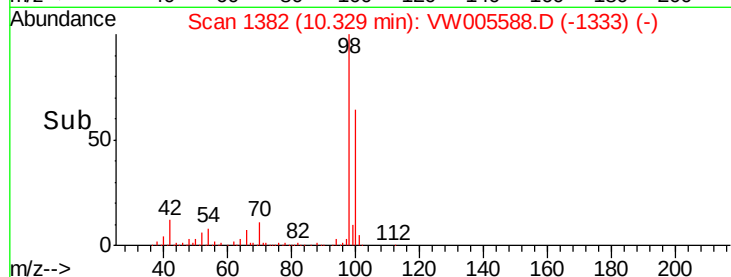
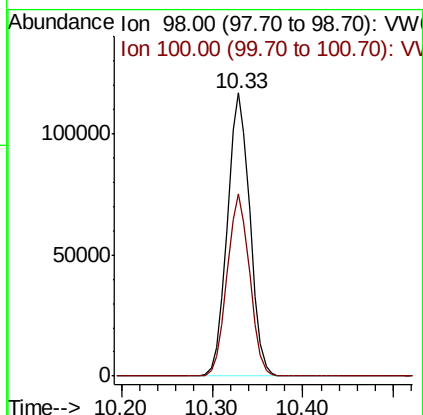
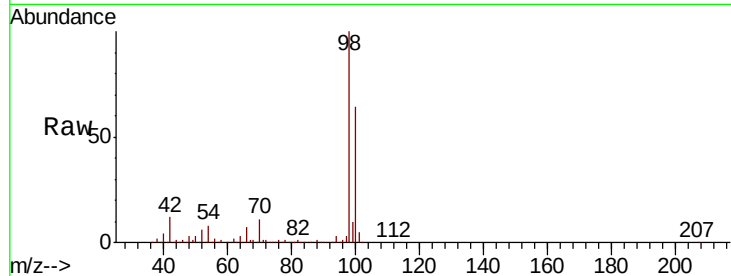
JC-02-092118-B

Tot Ion: 98 Resp: 200855

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 17.070 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005588.D

Acq: 24 Sep 2018 16:39

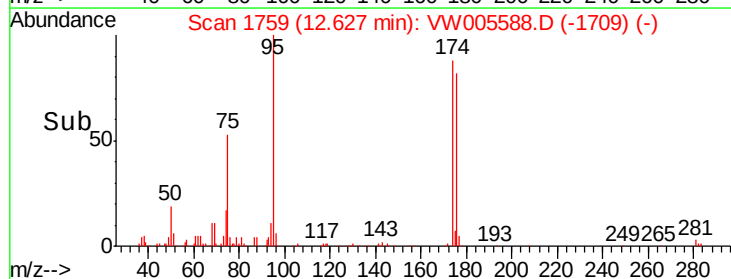
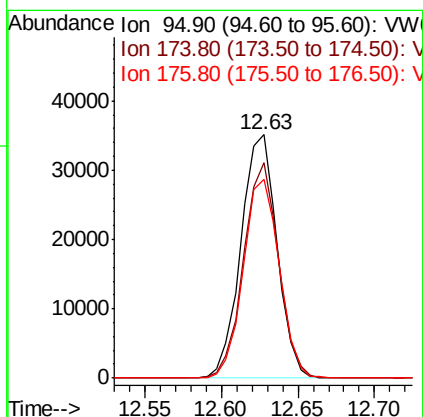
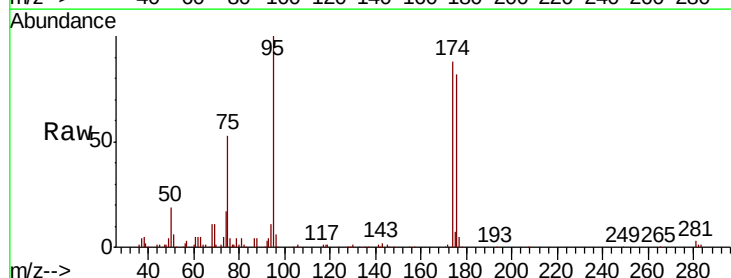
Tgt Ion: 95 Resp: 57482

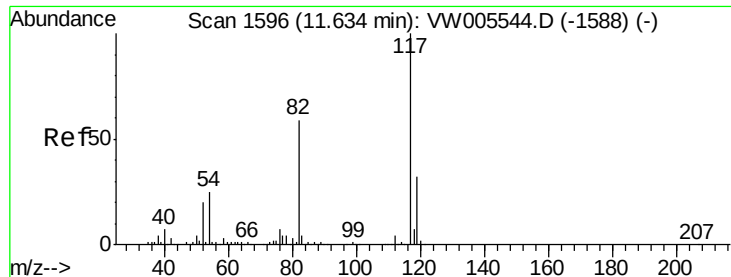
Ion Ratio Lower Upper

95 100

174 85.7 0.0 163.8

176 81.8 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: VW005588.D

Acq: 24 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-B

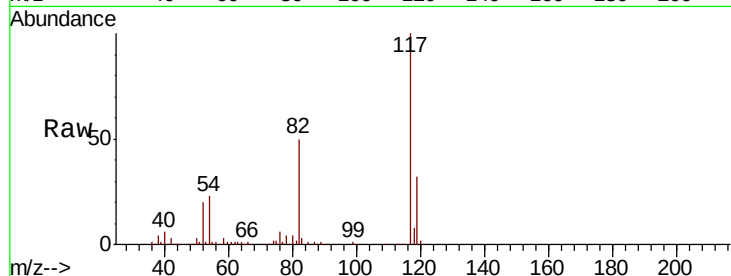
Tot Ion:117 Resp: 285484

Ion Ratio Lower Upper

117 100

82 50.0 46.9 70.3

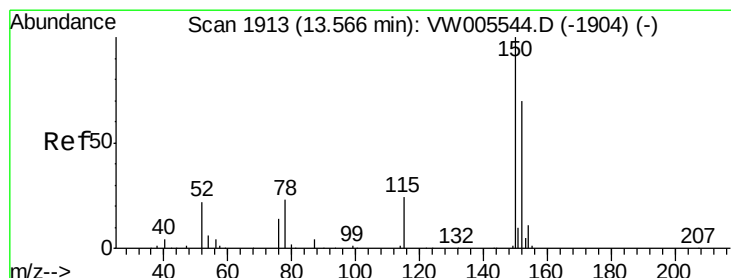
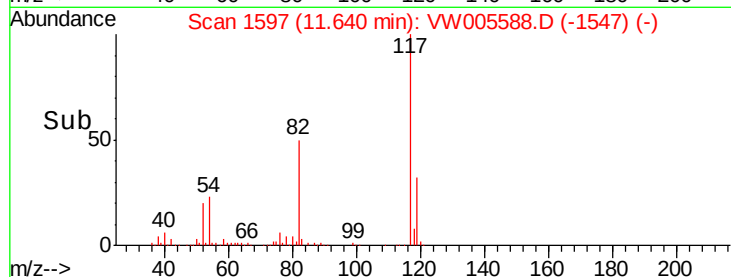
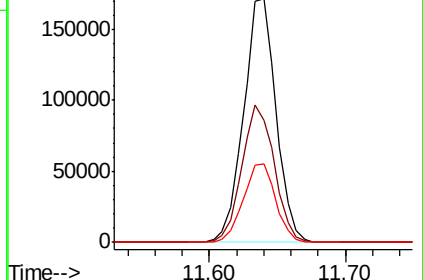
119 32.2 25.7 38.5



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: VW005588.D

Acq: 24 Sep 2018 16:39

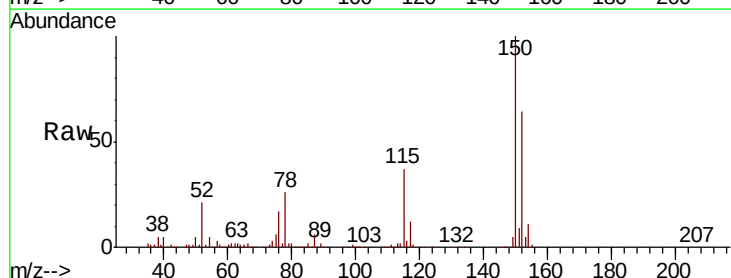
Tgt Ion:152 Resp: 102774

Ion Ratio Lower Upper

152 100

115 57.7 30.0 90.0

150 158.7 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

