

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005640.D
 Acq On : 26 Sep 2018 05:56
 Operator : VA/AP
 Sample : J4770-17RE
 Misc : 5.90G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Sep 26 07:14:51 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

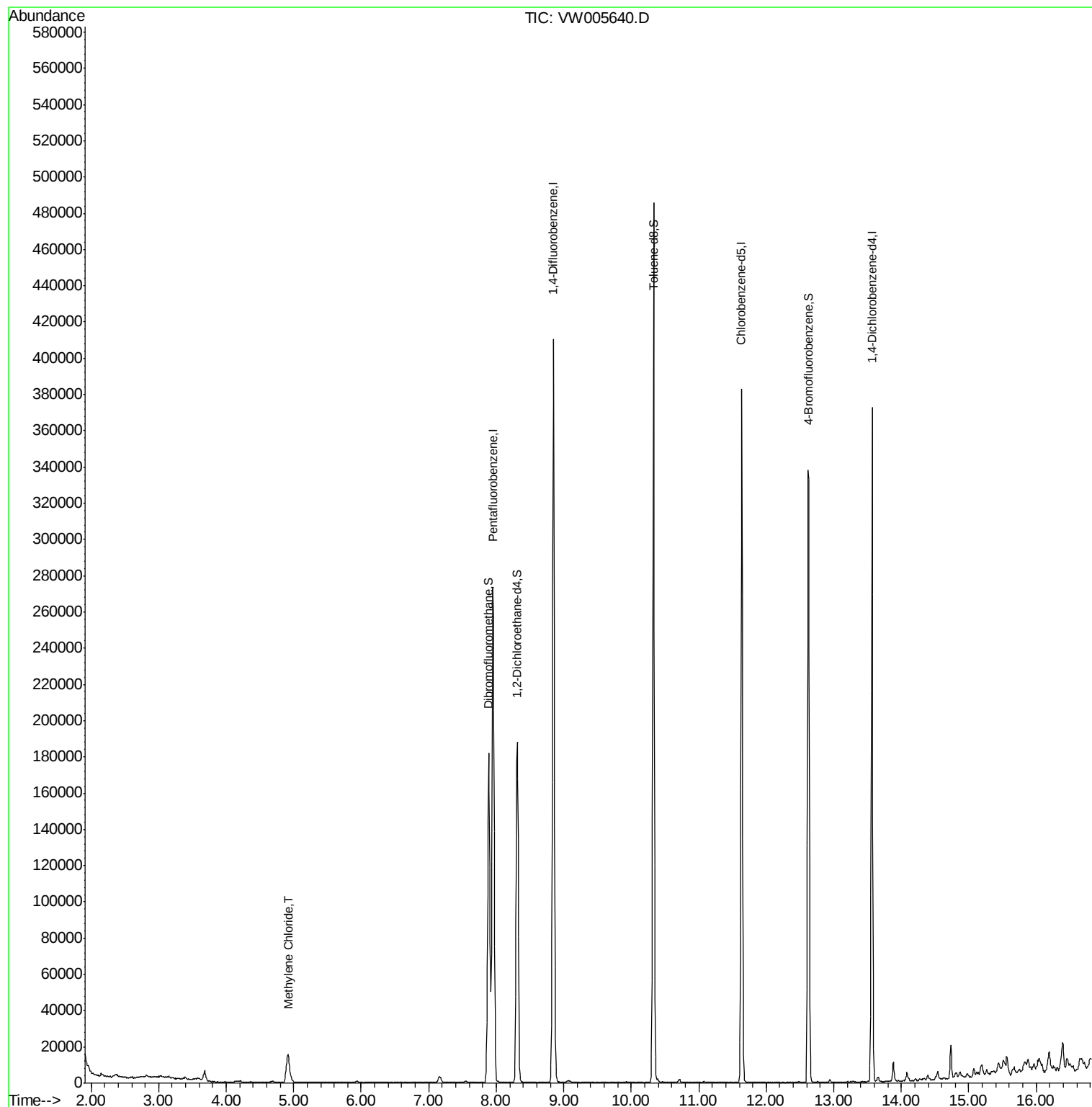
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	93250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159465	66.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.70%	
35) Dibromofluoromethane	7.89	113	125779	60.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.56%	
50) Toluene-d8	10.33	98	310543	36.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.10%	
62) 4-Bromofluorobenzene	12.62	95	110561	35.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.34%	
Target Compounds						
20) Methylene Chloride	4.92	84	13271	2.573	ug/l	Qvalue 96

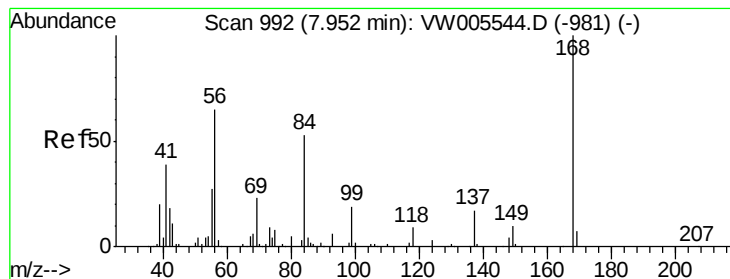
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

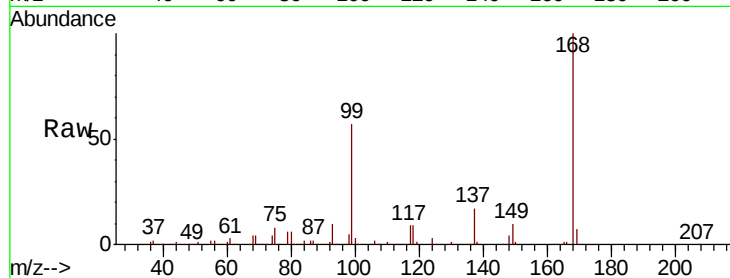
JC-02-092118-IRE

Tot Ion:168 Resp: 202478

Ion Ratio Lower Upper

168 100

99 56.5 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

100000

80000

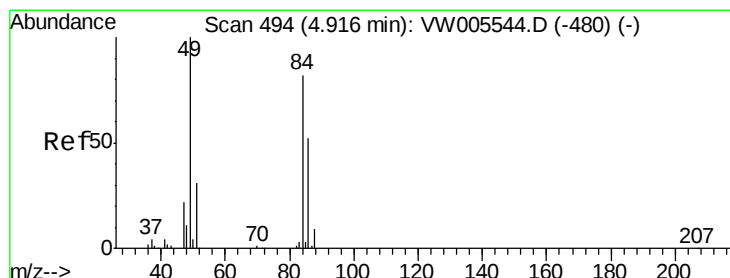
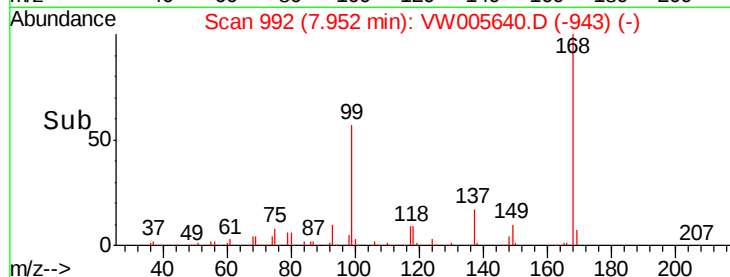
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.573 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Tgt Ion: 84 Resp: 13271

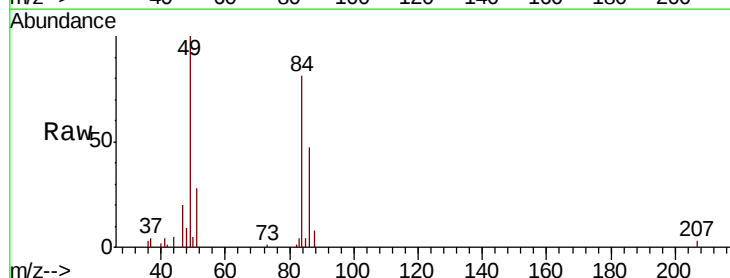
Ion Ratio Lower Upper

84 100

49 123.5 97.0 145.6

51 34.2 30.2 45.2

86 57.8 50.2 75.4



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

4.92

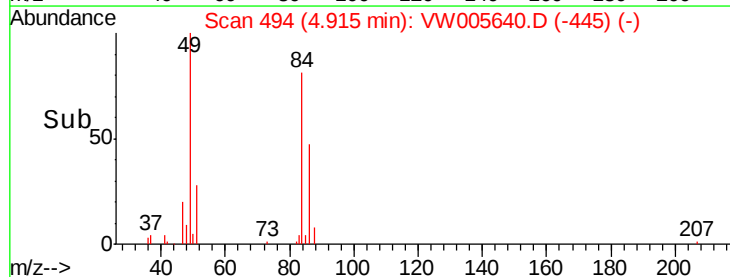
6000

4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 66.852 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

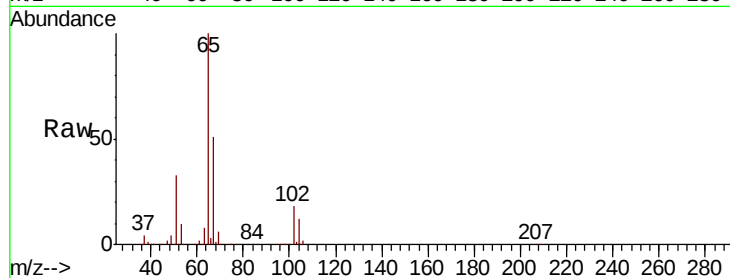
JC-02-092118-IRE

Tot Ion: 65 Resp: 159465

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.6



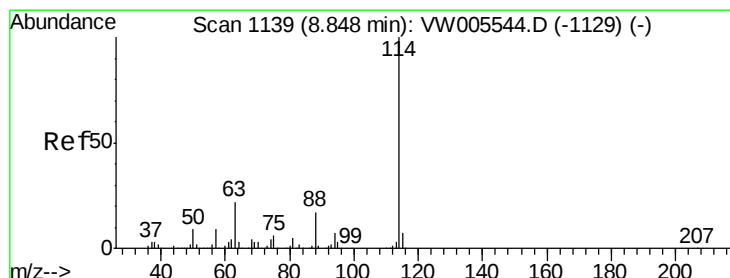
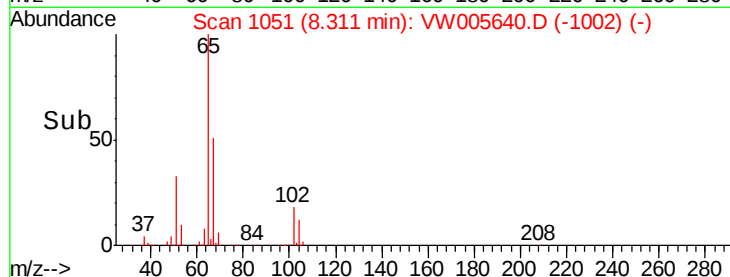
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

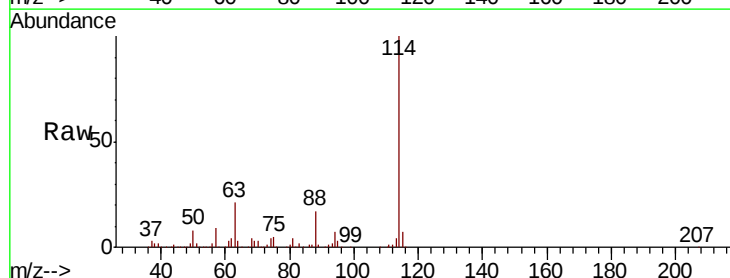
Tgt Ion: 114 Resp: 331788

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

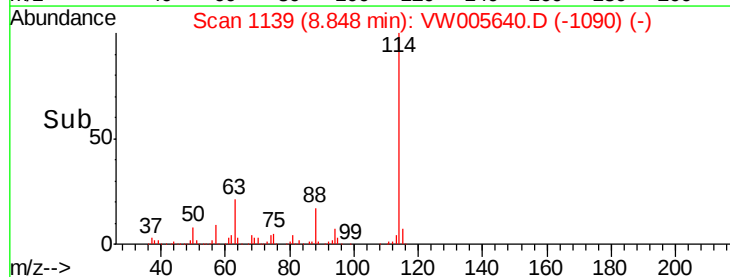
Ion 63.00 (62.70 to 63.70): VW

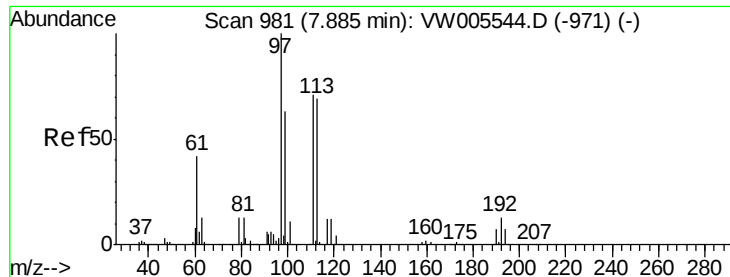
Ion 87.90 (87.60 to 88.60): VW

8.85

8.80 8.90

Time-->

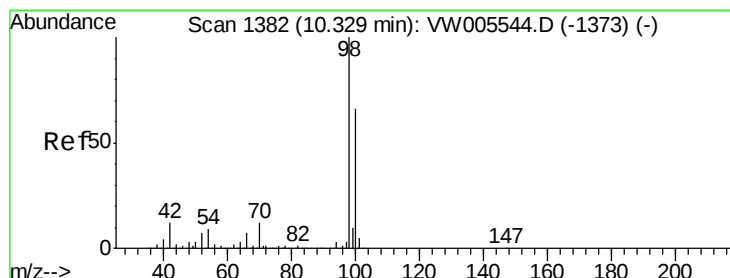
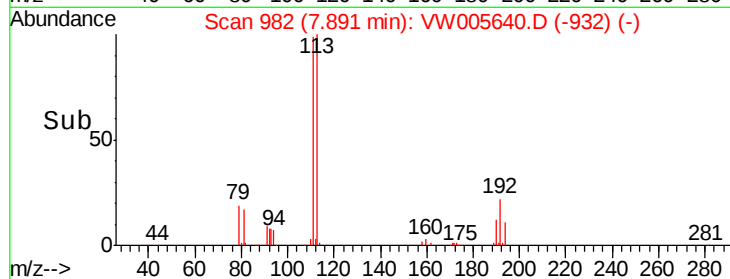
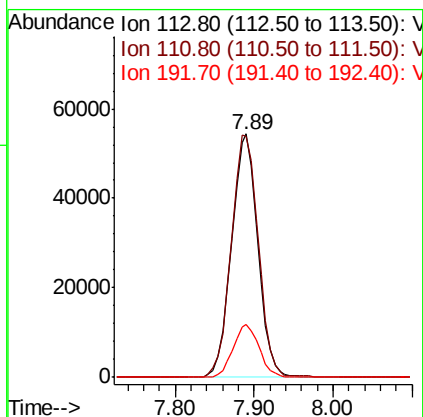
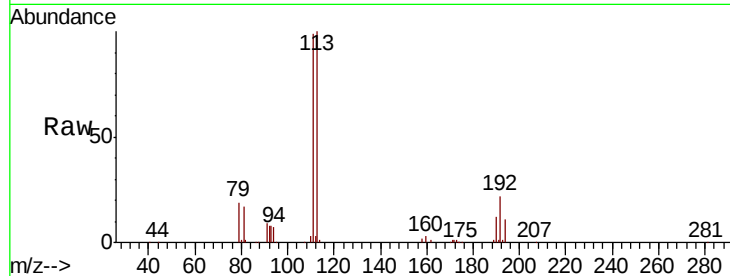




#35
 Dibromofluoromethane
 Concen: 60.283 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005640.D
 Acq: 26 Sep 2018 05:56

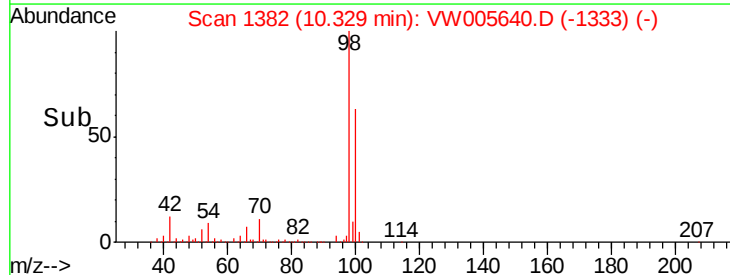
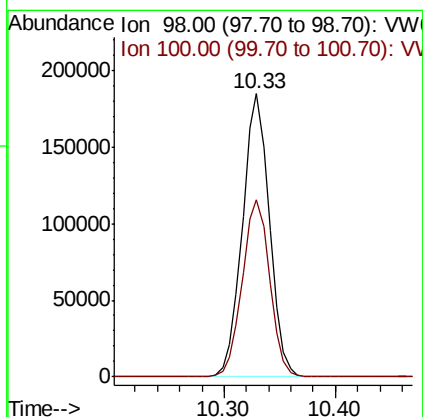
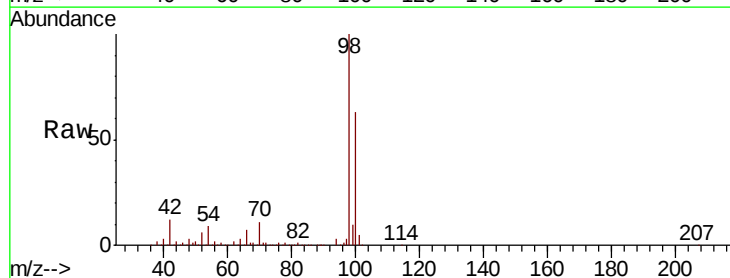
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-IRE

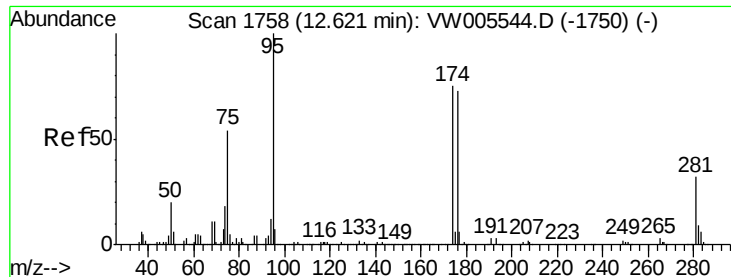
Tot Ion:113 Resp: 125779
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 21.6 17.0 25.4



#50
 Toluene-d8
 Concen: 36.553 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005640.D
 Acq: 26 Sep 2018 05:56

Tgt Ion: 98 Resp: 310543
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 35.170 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-IRE

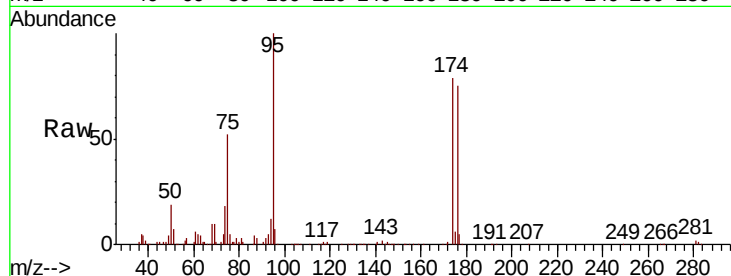
Tot Ion: 95 Resp: 110561

Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.8

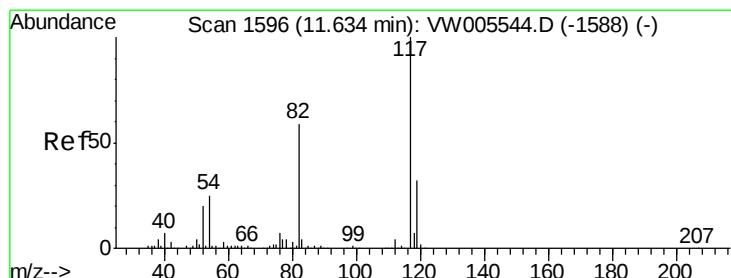
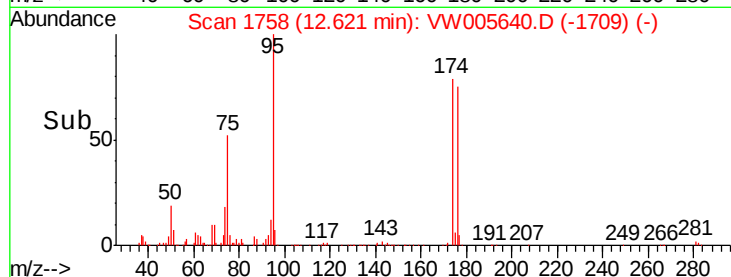
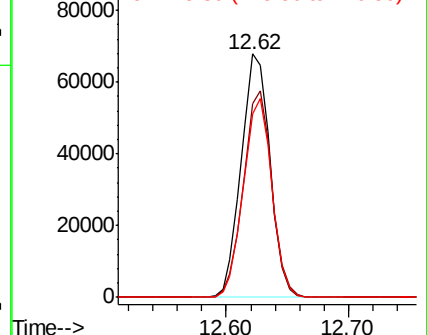
176 80.9 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

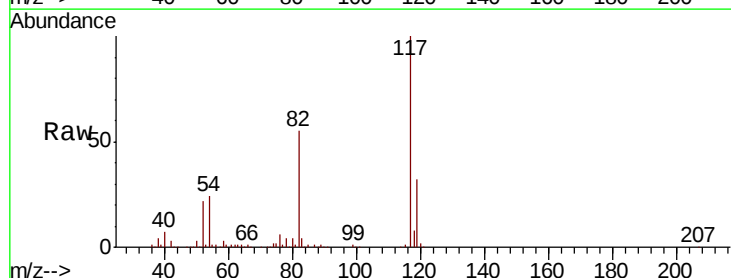
Tgt Ion: 117 Resp: 213561

Ion Ratio Lower Upper

117 100

82 54.9 46.9 70.3

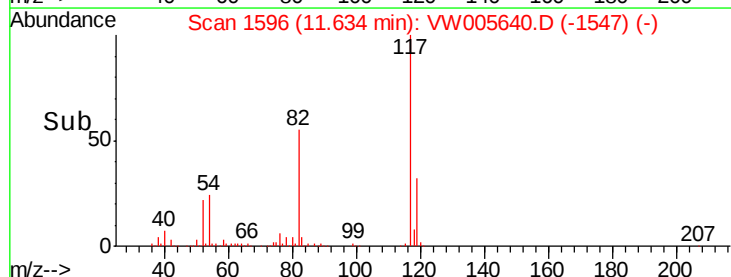
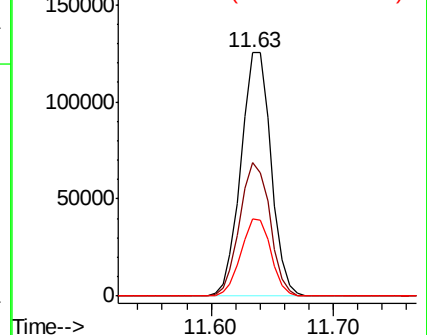
119 31.7 25.7 38.5

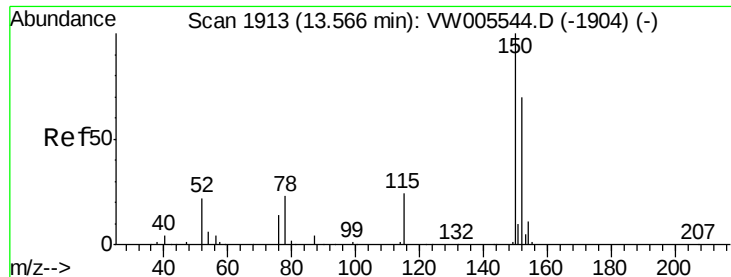


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005640.D

Acq: 26 Sep 2018 05:56

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-IRE

Tot Ion:152 Resp: 93250

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 156.6 0.0 348.6

