

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008384.D
 Acq On : 21 Jan 2019 19:13
 Operator : SY/VA
 Sample : K1205-06RE
 Misc : 6.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-6RE

Quant Time: Jan 22 04:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

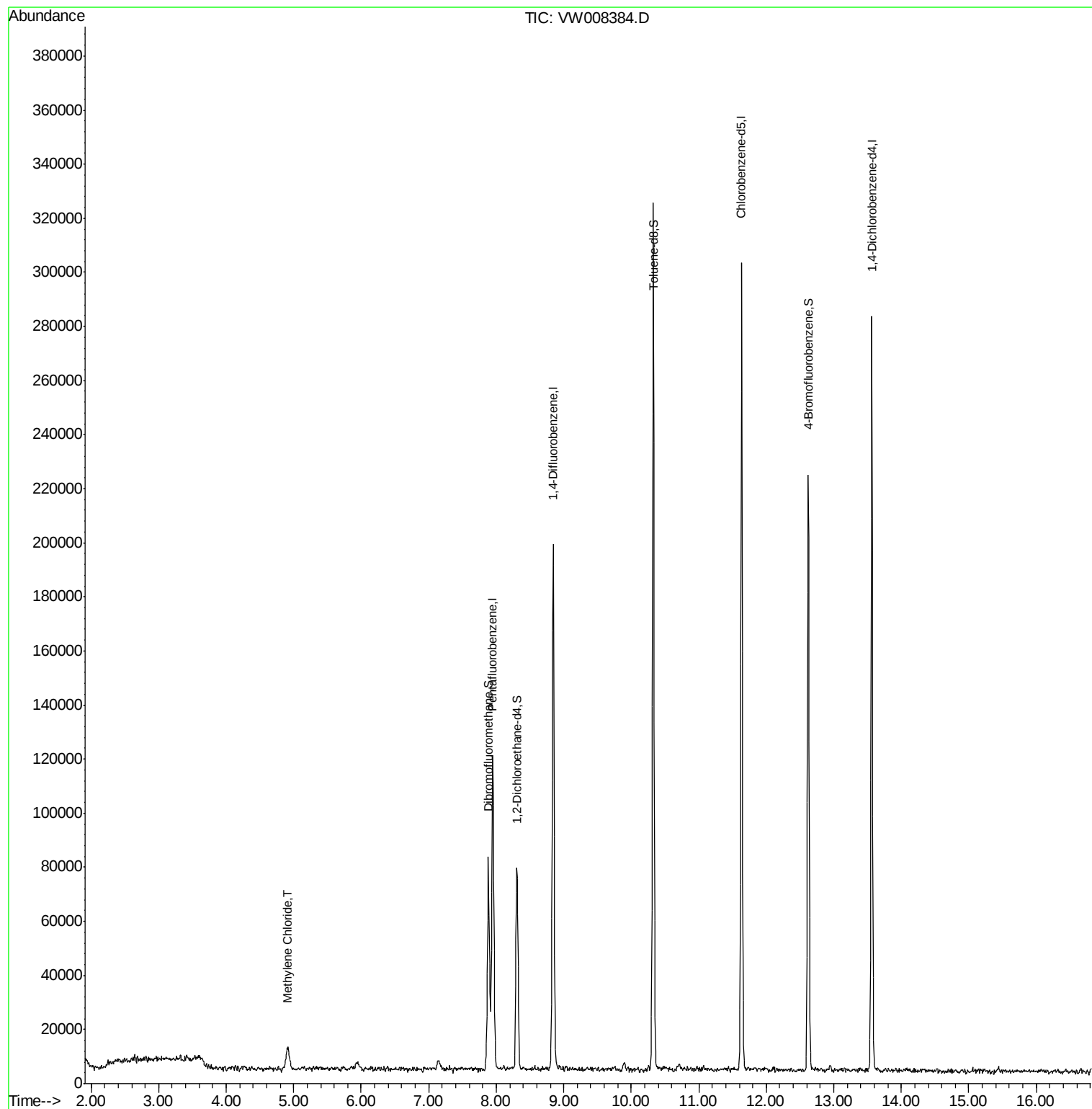
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	81677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57236	67.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.74%	
35) Dibromofluoromethane	7.88	113	53149	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	10.32	98	213091	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	70483	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
Target Compounds						
20) Methylene Chloride	4.90	84	6806	4.182	ug/l	Qvalue 91

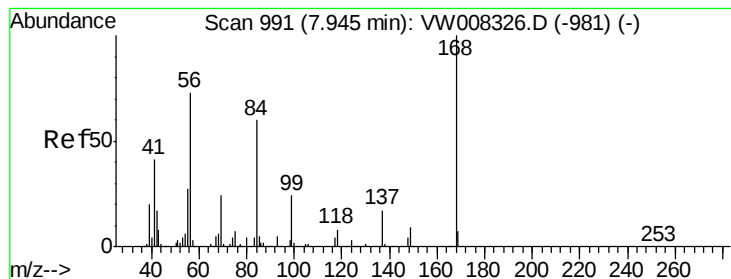
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008384.D

Acq: 21 Jan 2019 19:13

Instrument :

MSVOA_W

ClientSampleId :

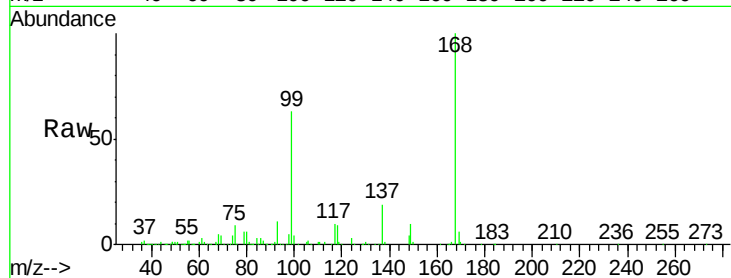
C-6RE

Tot Ion:168 Resp: 81677

Ion Ratio Lower Upper

168 100

99 63.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

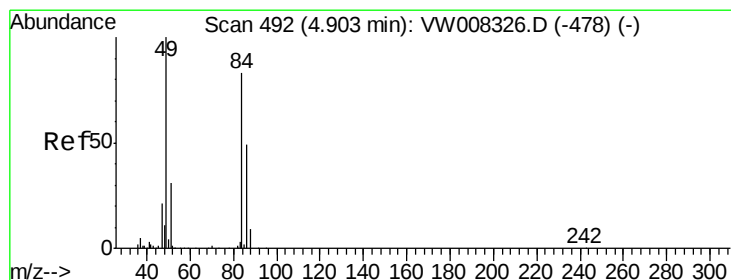
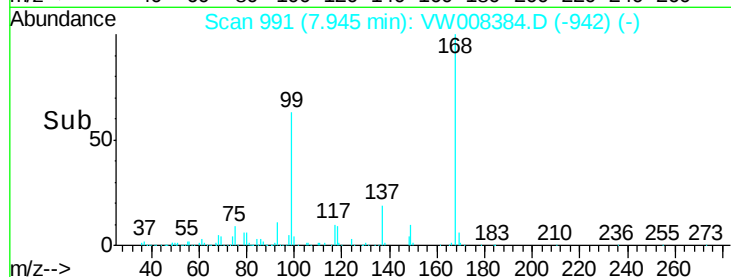
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 4.182 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW008384.D

Acq: 21 Jan 2019 19:13

Tgt Ion: 84 Resp: 6806

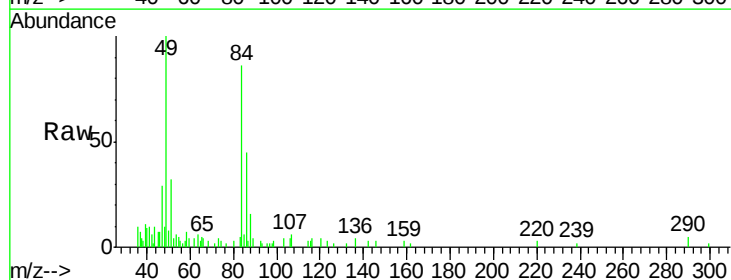
Ion Ratio Lower Upper

84 100

49 112.9 95.9 143.9

51 31.4 29.3 43.9

86 47.8 47.4 71.2



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

4000

3000

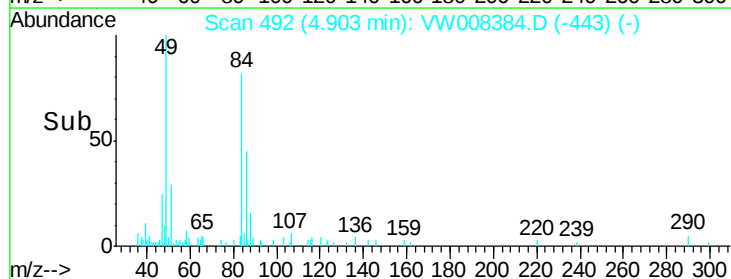
2000

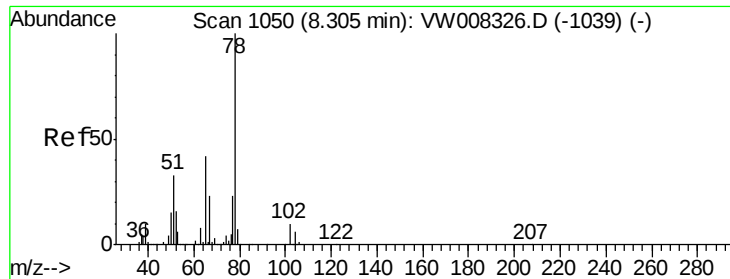
1000

0

4.80 4.90 5.00

Time-->

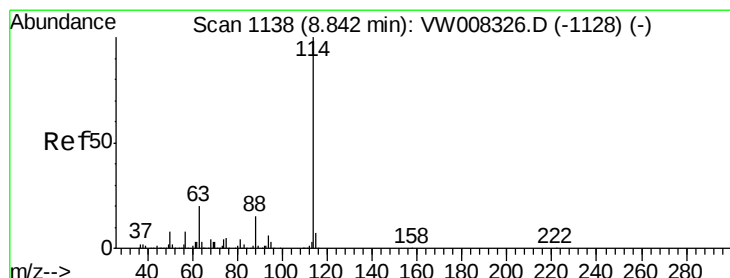
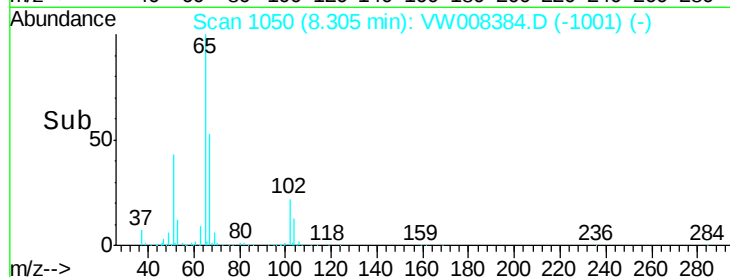
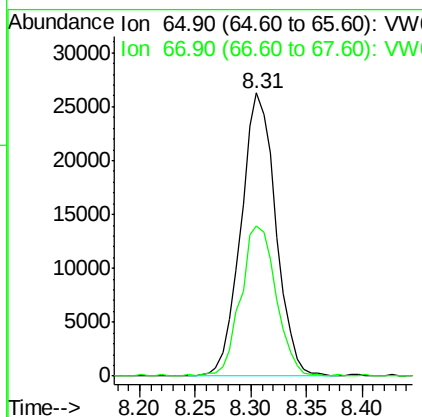
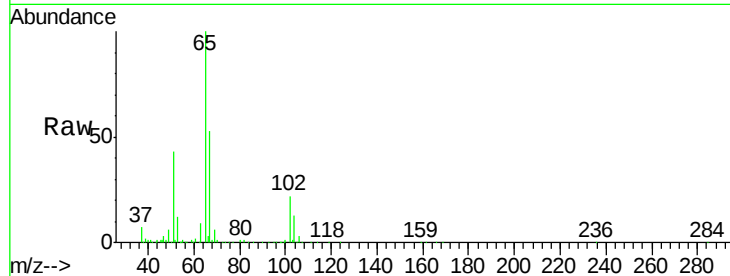




#33
 1,2-Dichloroethane-d4
 Concen: 67.366 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008384.D
 Acq: 21 Jan 2019 19:13

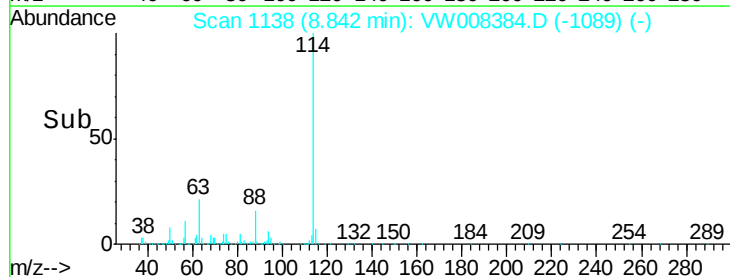
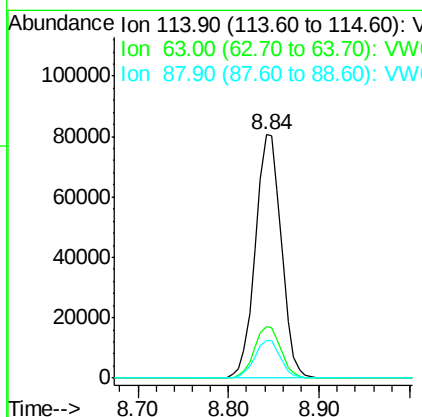
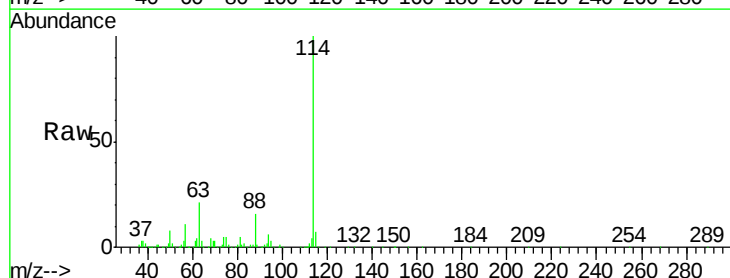
Instrument :
 MSVOA_W
 ClientSampleId :
 C-6RE

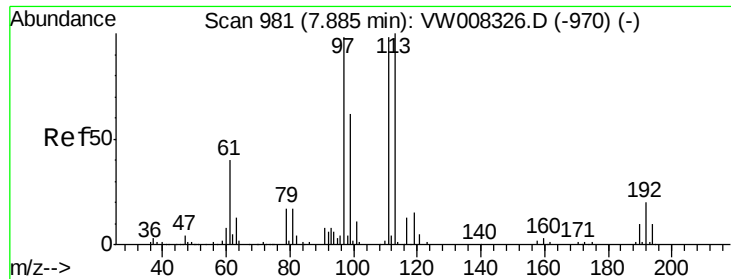
Tot Ion: 65 Resp: 57236
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008384.D
 Acq: 21 Jan 2019 19:13

Tgt Ion: 114 Resp: 159610
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.166 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008384.D

Acq: 21 Jan 2019 19:13

Instrument :

MSVOA_W

ClientSampleId :

C-6RE

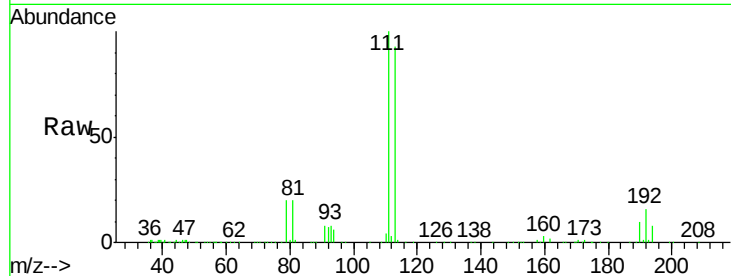
Tot Ion:113 Resp: 53149

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

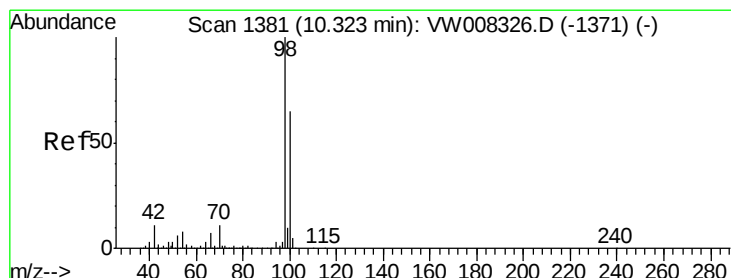
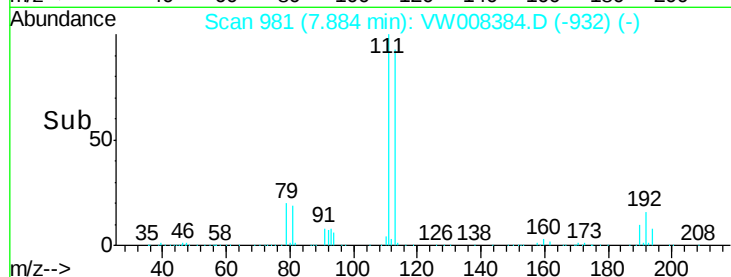
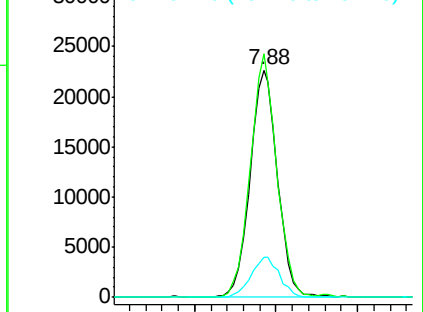
192 18.3 16.3 24.5



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: 53.238 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008384.D

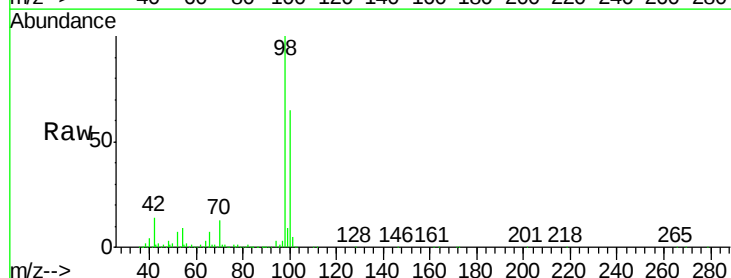
Acq: 21 Jan 2019 19:13

Tgt Ion: 98 Resp: 213091

Ion Ratio Lower Upper

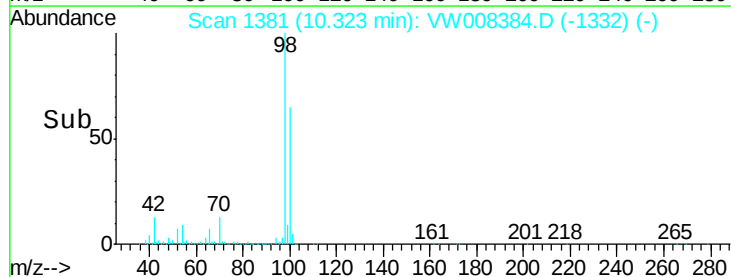
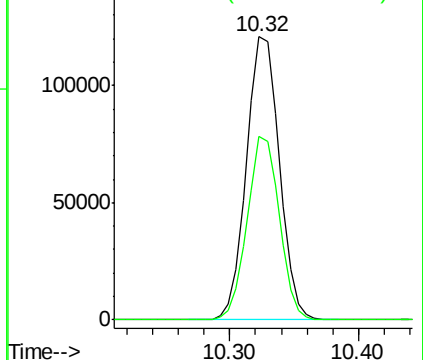
98 100

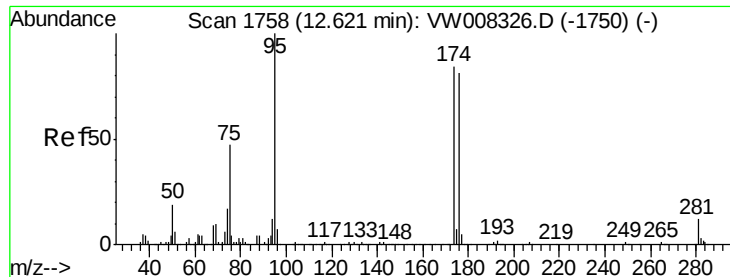
100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.099 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008384.D

Acq: 21 Jan 2019 19:13

Instrument :

MSVOA_W

ClientSampled :

C-6RE

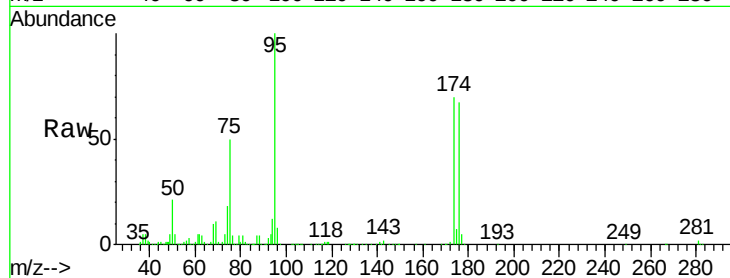
Tot Ion: 95 Resp: 70483

Ion Ratio Lower Upper

95 100

174 73.3 0.0 166.0

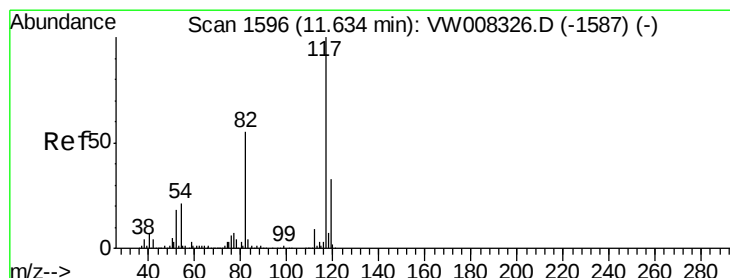
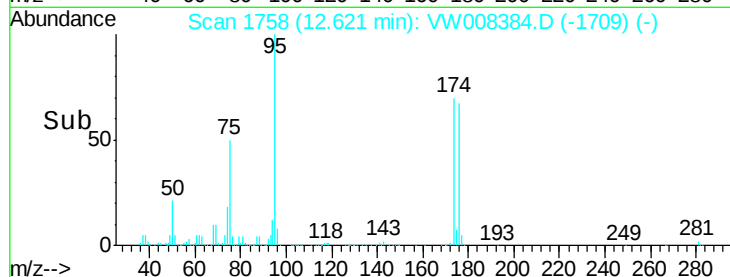
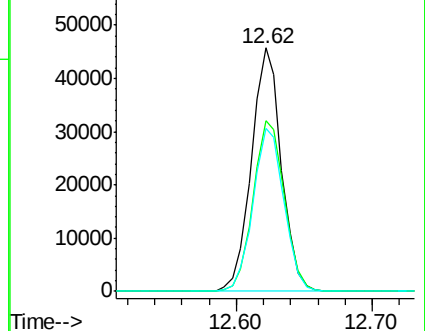
176 69.7 0.0 160.0



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: VW008384.D

Acq: 21 Jan 2019 19:13

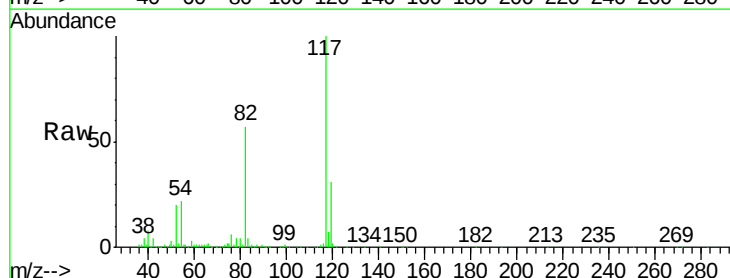
Tgt Ion: 117 Resp: 154811

Ion Ratio Lower Upper

117 100

82 56.5 44.3 66.5

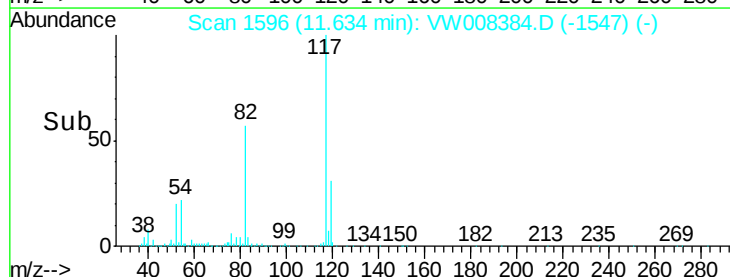
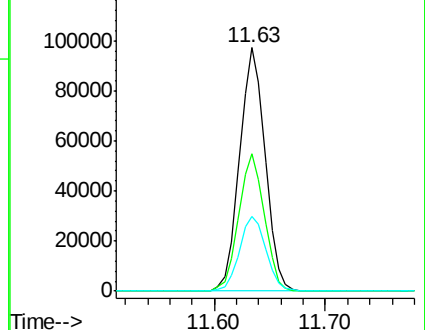
119 30.8 26.3 39.5

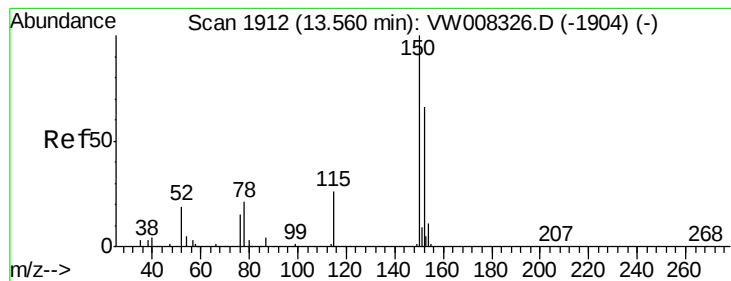


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008384.D

Acq: 21 Jan 2019 19:13

Instrument :

MSVOA_W

ClientSampleId :

C-6RE

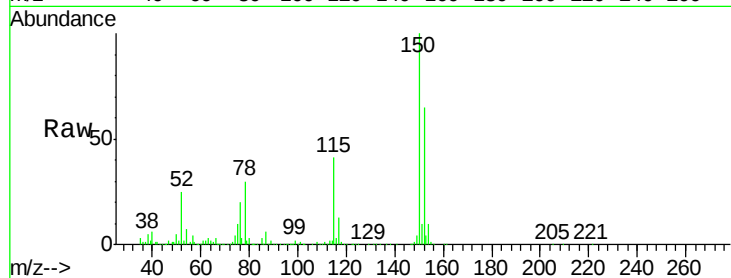
Tot Ion:152 Resp: 69775

Ion Ratio Lower Upper

152 100

115 61.2 28.8 86.4

150 157.0 0.0 351.4



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

