

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008382.D
 Acq On : 21 Jan 2019 18:20
 Operator : SY/VA
 Sample : K1205-03RE
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-3RE

Quant Time: Jan 22 04:43:52 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

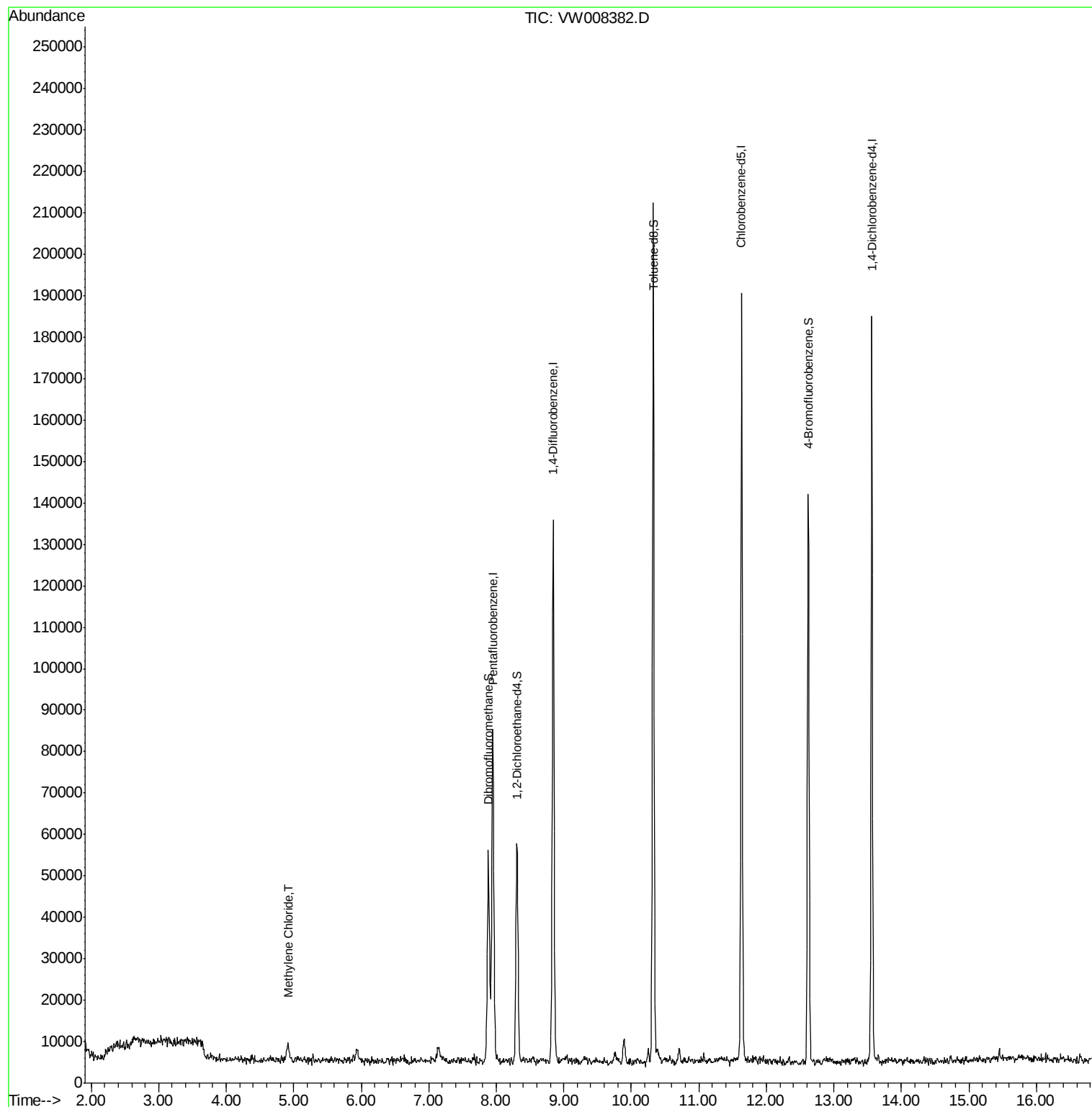
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	56625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	105449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38903	66.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.10%	
35) Dibromofluoromethane	7.88	113	35729	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
50) Toluene-d8	10.32	98	140555	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.62	95	44570	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
20) Methylene Chloride	4.92	84	3245	1.683	ug/l #	Qvalue 92

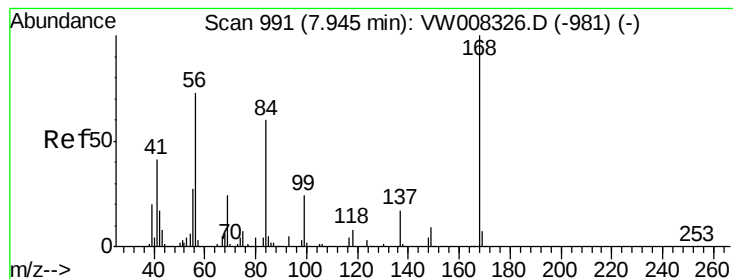
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008382.D

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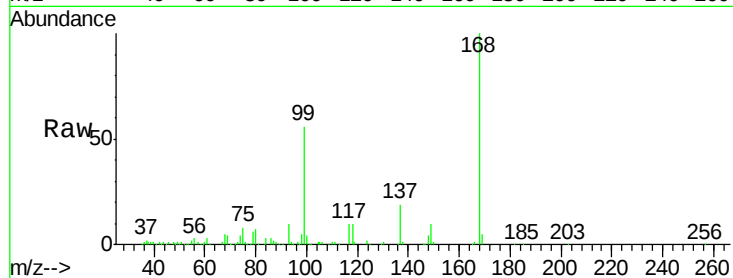
C-3RE

Tot Ion:168 Resp: 56625

Ion Ratio Lower Upper

168 100

99 56.2 44.6 66.8

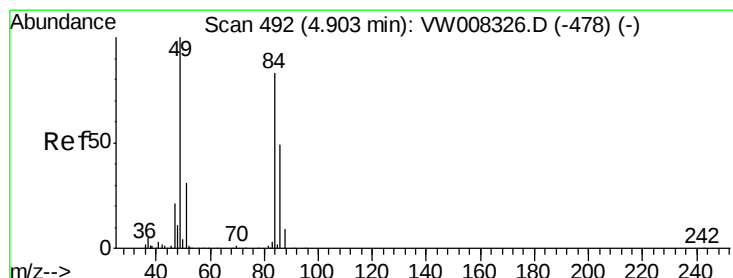
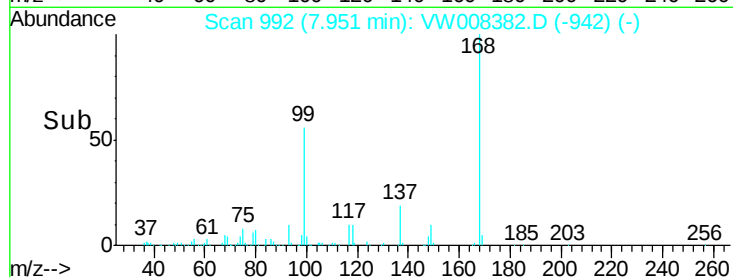


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



#20

Methylene Chloride

Concen: 1.683 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.02 min

Lab File: VW008382.D

Acq: 21 Jan 2019 18:20

Tgt Ion: 84 Resp: 3245

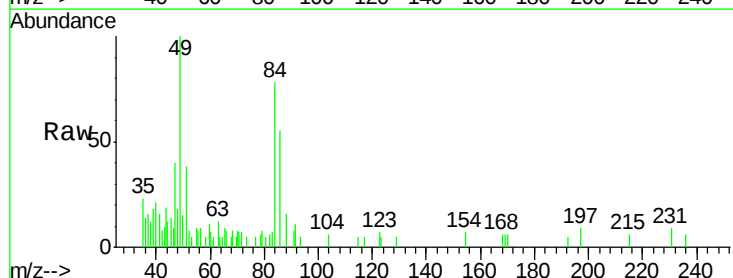
Ion Ratio Lower Upper

84 100

49 127.6 95.9 143.9

51 48.2 29.3 43.9#

86 60.5 47.4 71.2



Abundance Ion 83.90 (83.60 to 84.60): VW

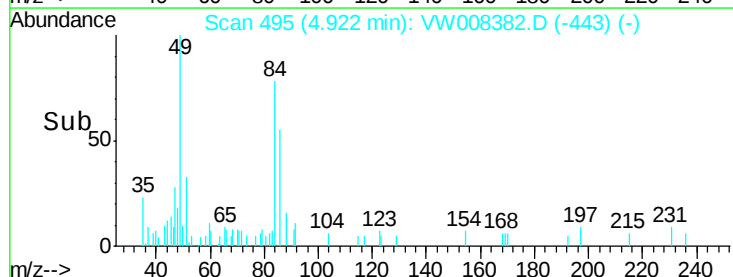
Ion 48.90 (48.60 to 49.60): VW

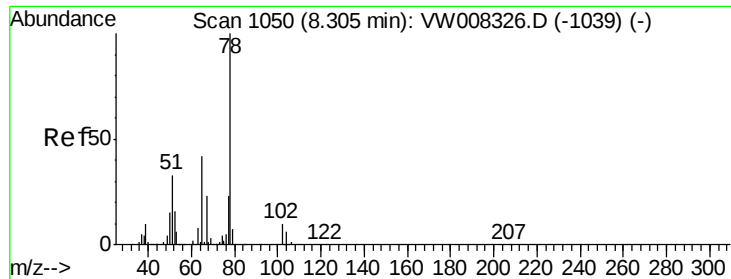
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

Time-->

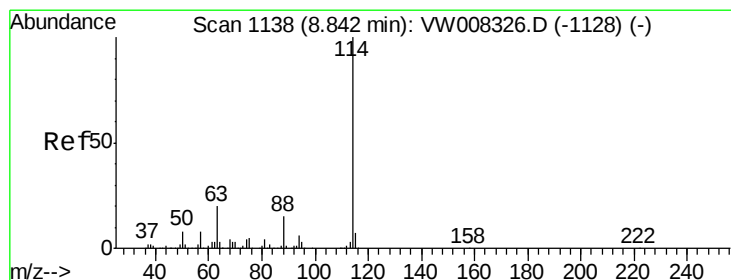
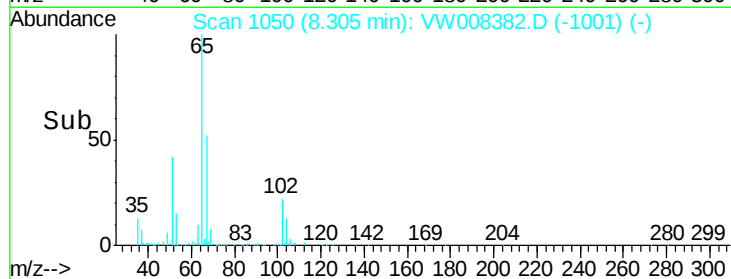
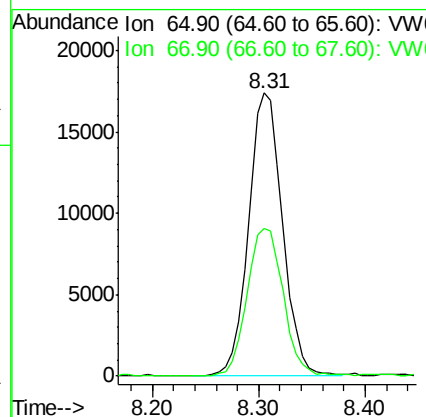
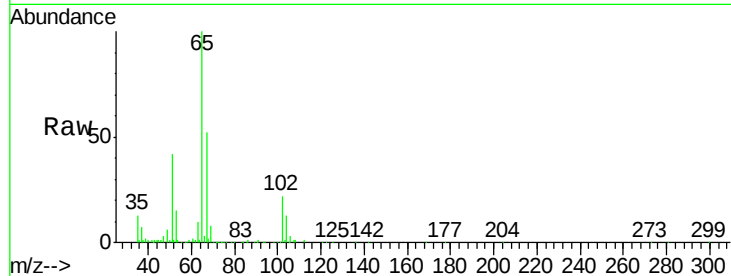




#33
 1,2-Dichloroethane-d4
 Concen: 66.046 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008382.D
 Acq: 21 Jan 2019 18:20

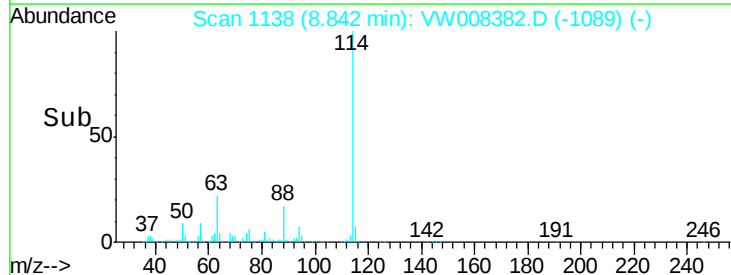
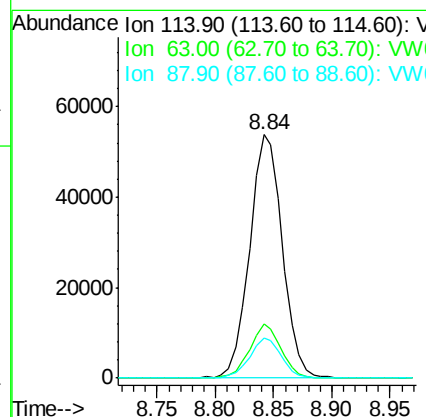
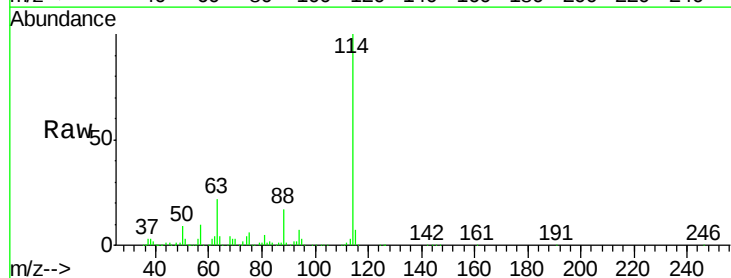
Instrument :
 MSVOA_W
 ClientSampleId :
 C-3RE

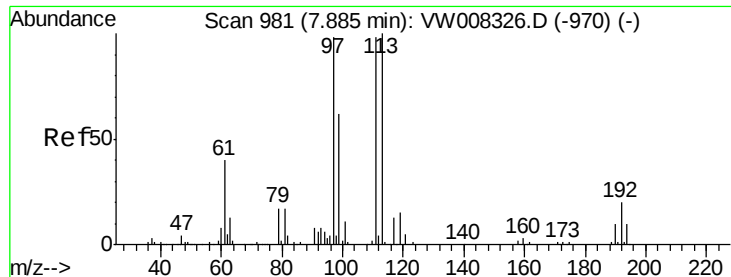
Tot Ion: 65 Resp: 38903
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008382.D
 Acq: 21 Jan 2019 18:20

Tgt Ion: 114 Resp: 105449
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 40.8
 88 16.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.080 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008382.D

Acq: 21 Jan 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

C-3RE

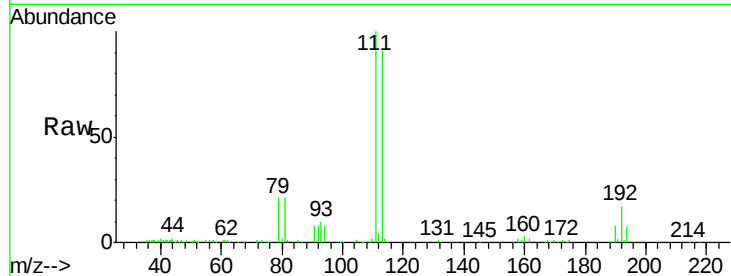
Tot Ion:113 Resp: 35729

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

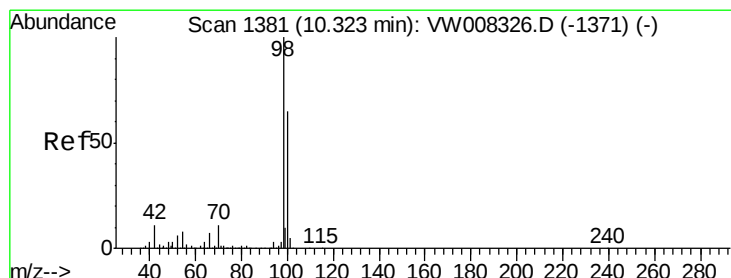
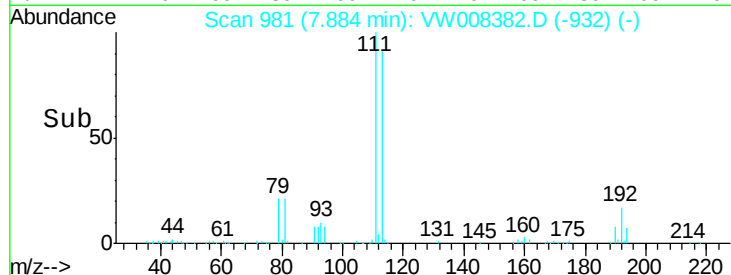
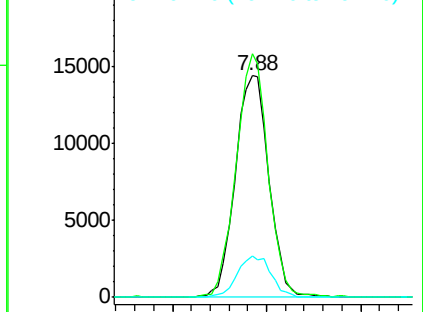
192 18.7 16.3 24.5



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: 53.152 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008382.D

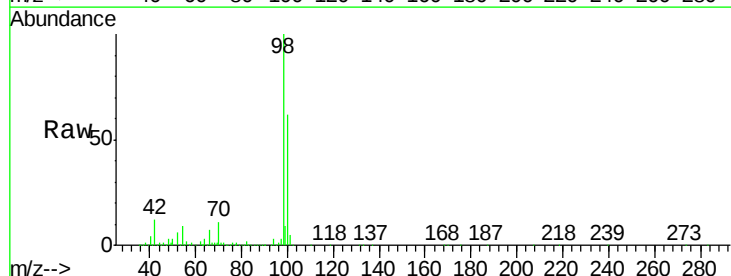
Acq: 21 Jan 2019 18:20

Tgt Ion: 98 Resp: 140555

Ion Ratio Lower Upper

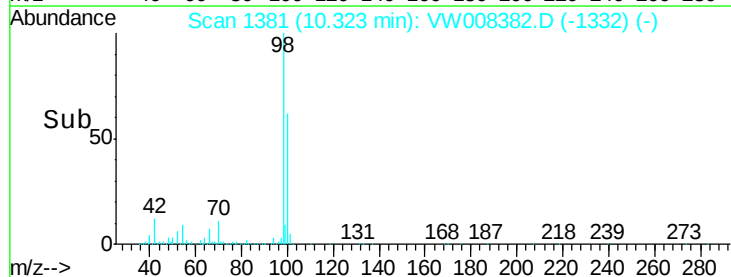
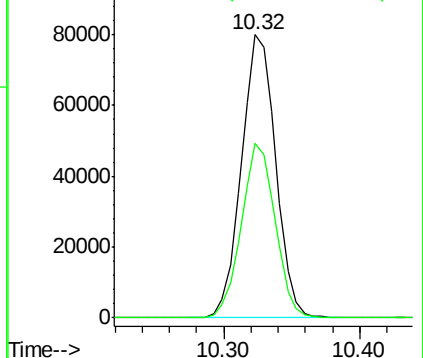
98 100

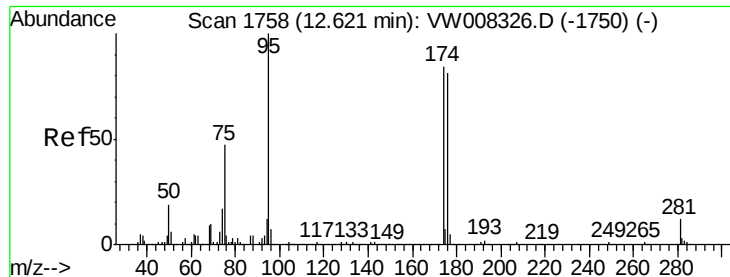
100 61.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.995 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008382.D

Acq: 21 Jan 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

C-3RE

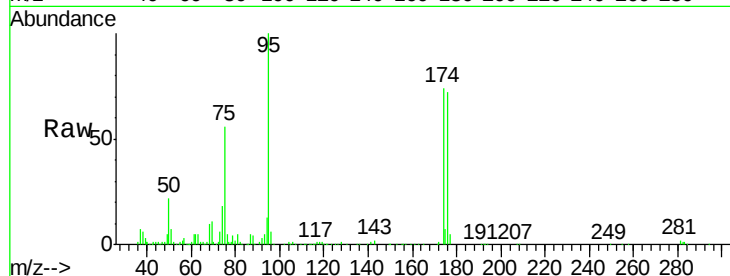
Tot Ion: 95 Resp: 44570

Ion Ratio Lower Upper

95 100

174 72.6 0.0 166.0

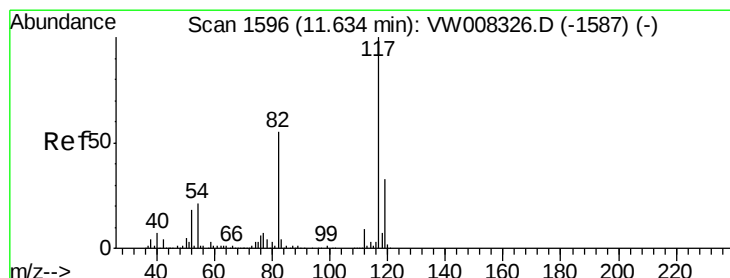
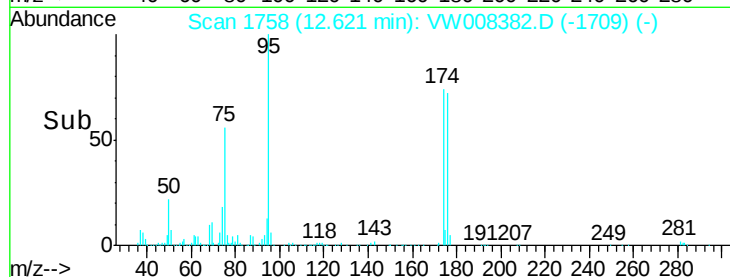
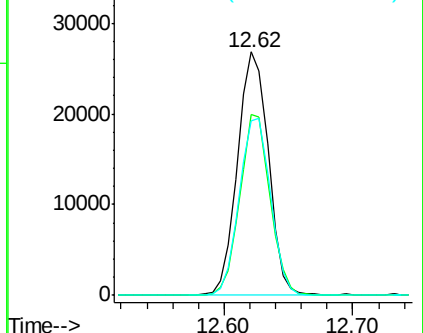
176 73.6 0.0 160.0



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: VW008382.D

Acq: 21 Jan 2019 18:20

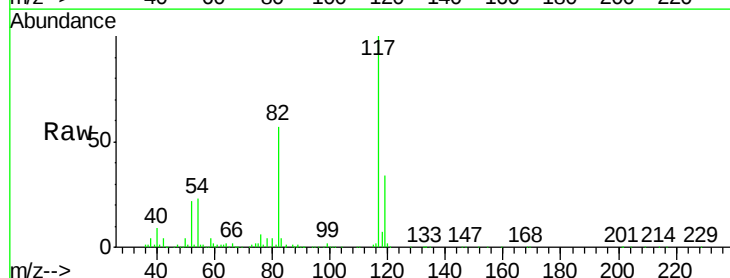
Tgt Ion: 117 Resp: 101146

Ion Ratio Lower Upper

117 100

82 56.8 44.3 66.5

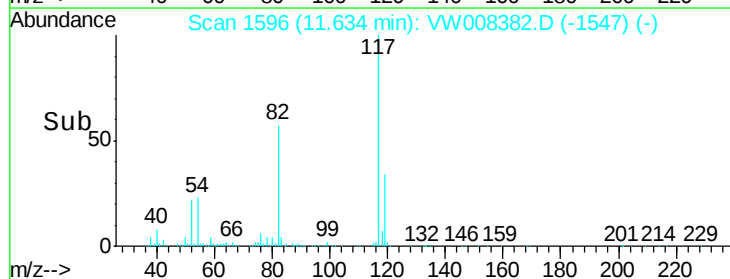
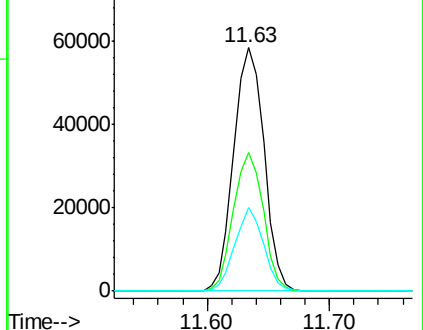
119 34.0 26.3 39.5

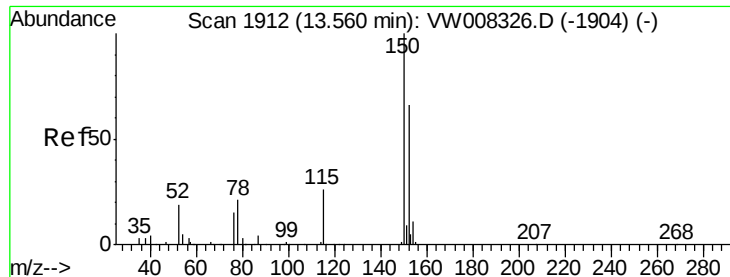


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008382.D

Acq: 21 Jan 2019 18:20

Instrument :

MSVOA_W

ClientSampleId :

C-3RE

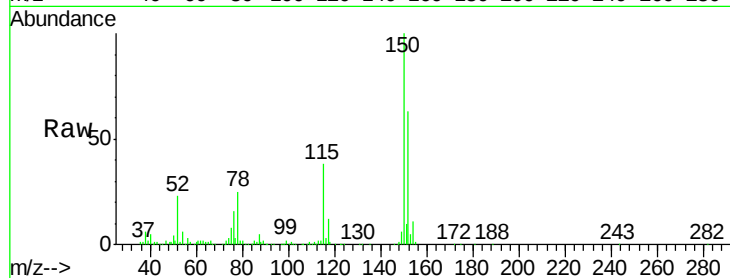
Tot Ion:152 Resp: 44911

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.4

150 158.1 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

