

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008907.D
 Acq On : 01 Mar 2019 01:49
 Operator : SY/VA
 Sample : K1649-02
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRE-FLOOR-SLAB

Quant Time: Mar 01 07:04:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

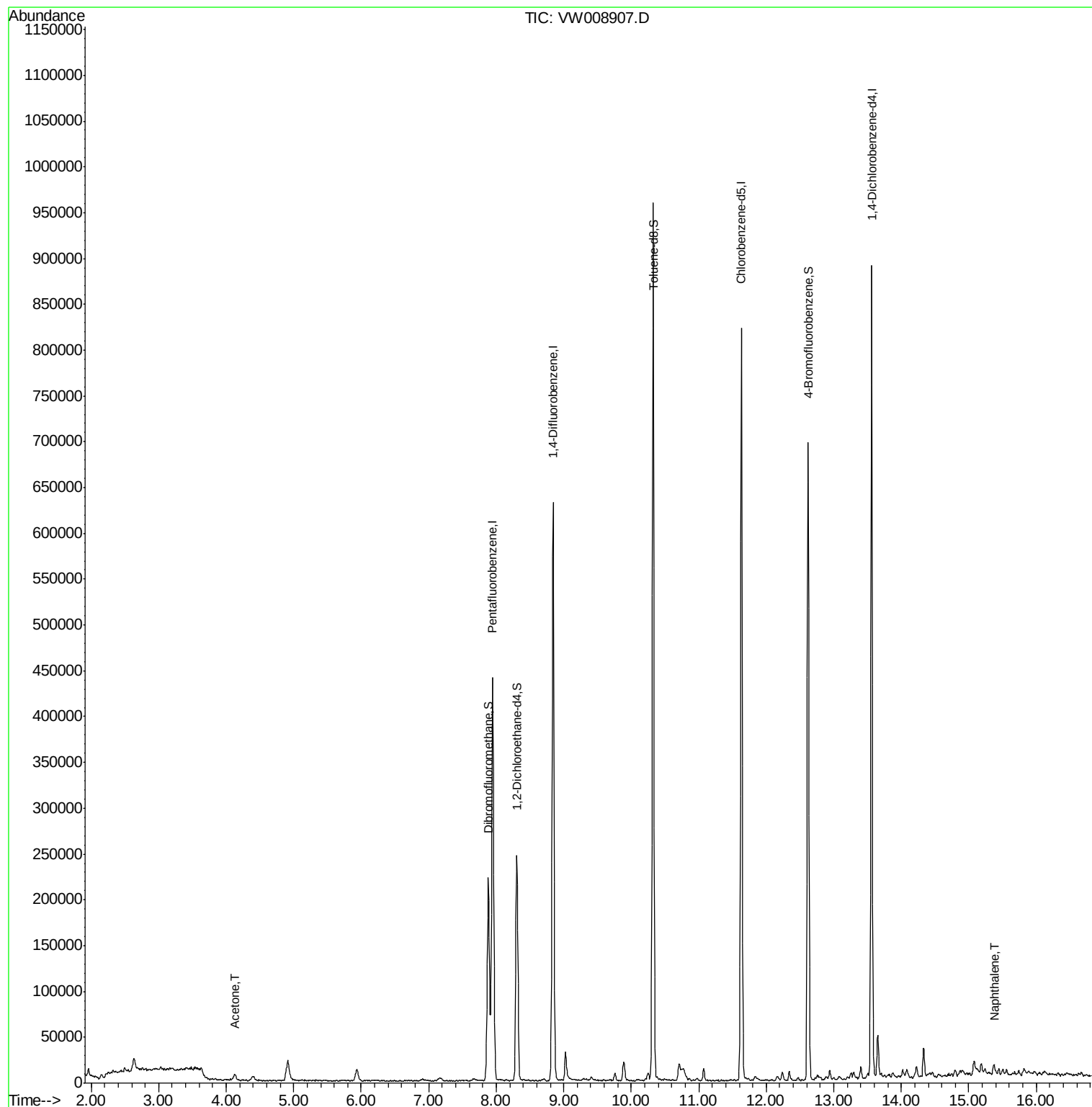
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	333887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	510307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	452381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	182935	58.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.84%	
35) Dibromofluoromethane	7.88	113	152287	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	10.32	98	604033	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.62	95	205277	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
16) Acetone	4.12	43	12886	17.752	ug/l	Qvalue 100
95) Naphthalene	15.37	128	9608	1.207	ug/l	97

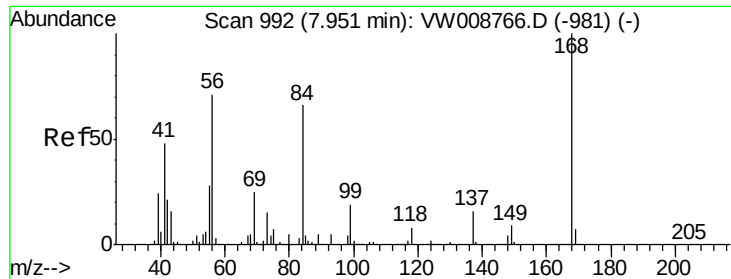
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

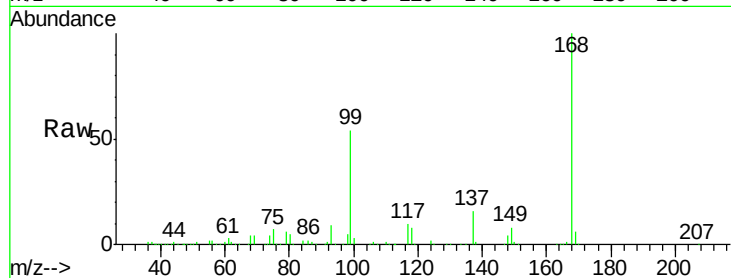
TRE-FLOOR-SLAB

Tot Ion:168 Resp: 333887

Ion Ratio Lower Upper

168 100

99 53.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

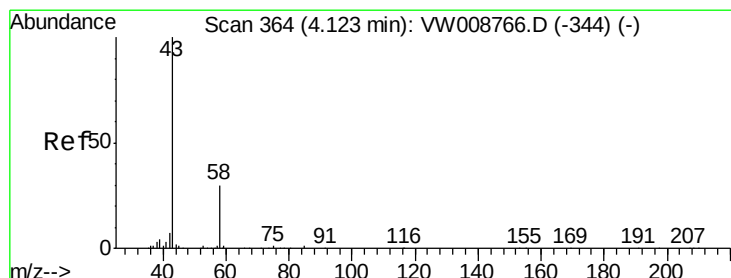
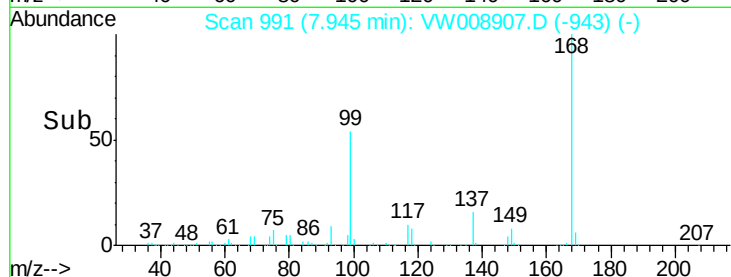
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 17.752 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008907.D

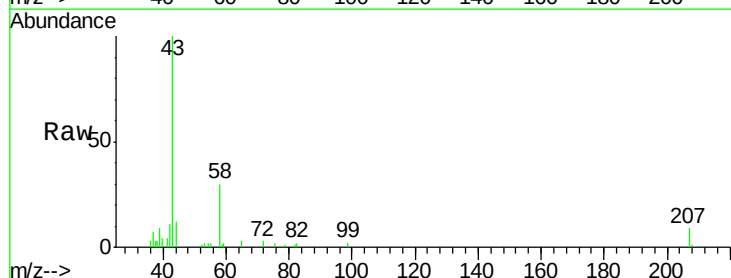
Acq: 01 Mar 2019 01:49

Tgt Ion: 43 Resp: 12886

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

3000

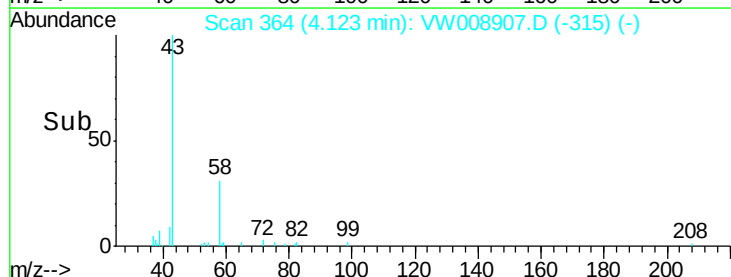
2000

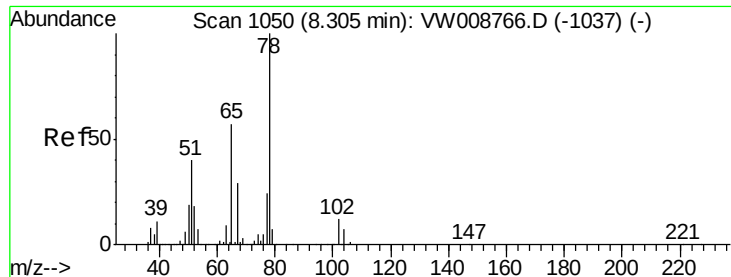
1000

0

4.05 4.10 4.15 4.20 4.25

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.417 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008907.D

Acq: 01 Mar 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

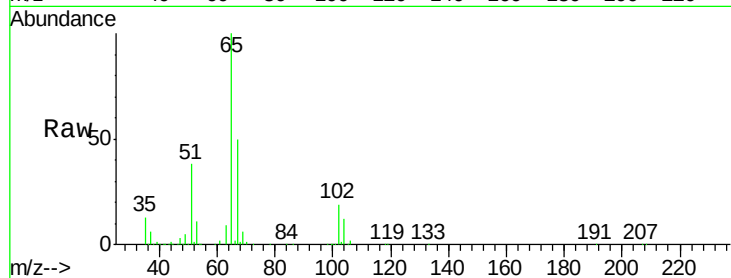
TRE-FLOOR-SLAB

Tot Ion: 65 Resp: 182935

Ion Ratio Lower Upper

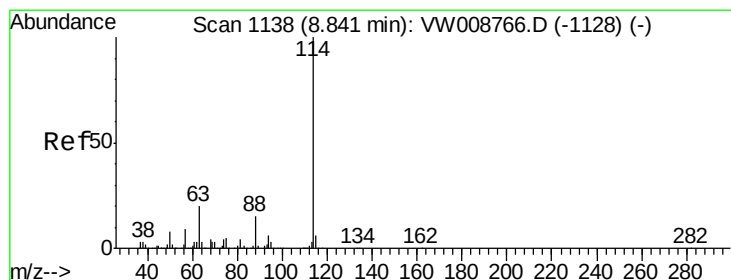
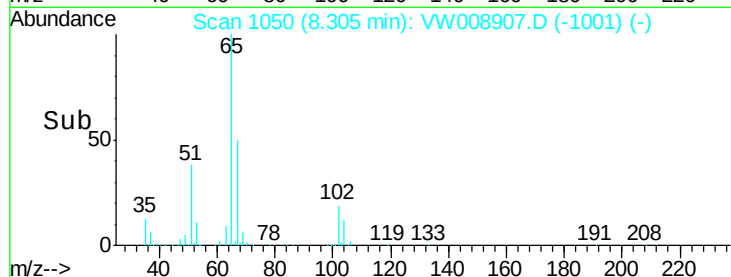
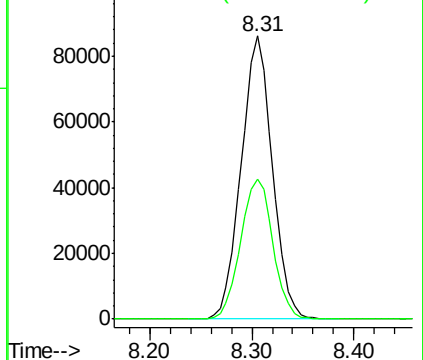
65 100

67 51.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008907.D

Acq: 01 Mar 2019 01:49

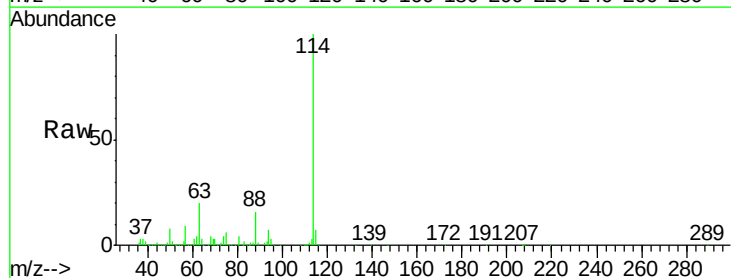
Tgt Ion: 114 Resp: 510307

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

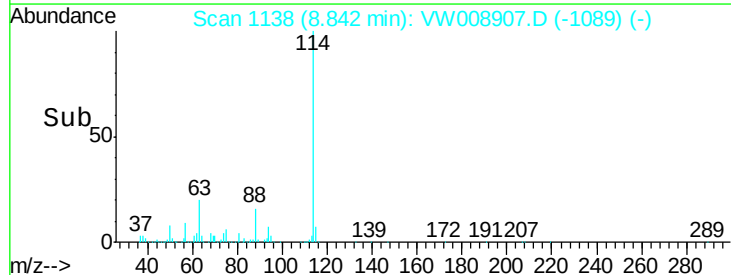
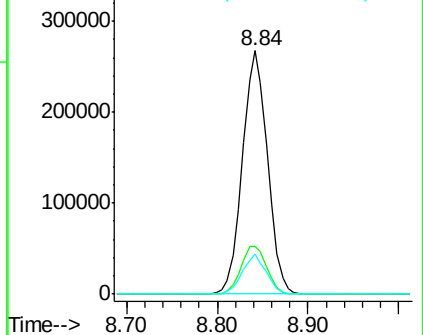
88 16.3 0.0 30.4

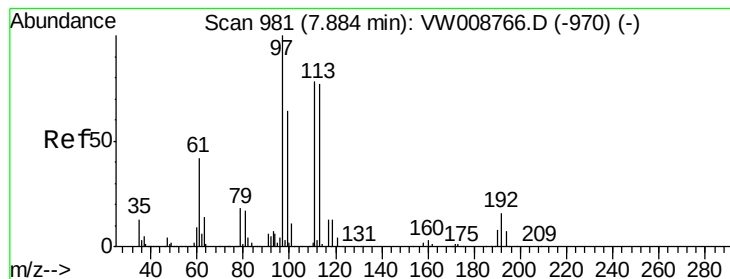


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.703 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008907.D

Acq: 01 Mar 2019 01:49

Instrument :

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ClientSampleId :

TRE-FLOOR-SLAB

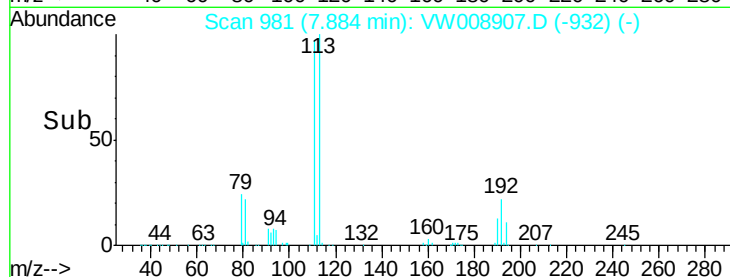
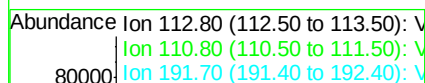
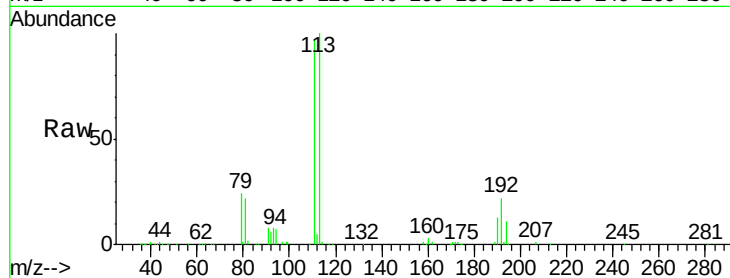
Tot Ion:113 Resp: 152287

Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.9	122.9
192	21.9	17.1	25.7

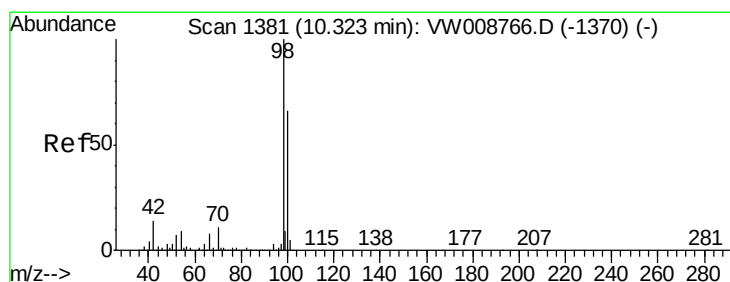
113 100

111 99.9 81.9 122.9

192 21.9 17.1 25.7



Time-->



#50

Toluene-d8

Concen: 51.069 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008907.D

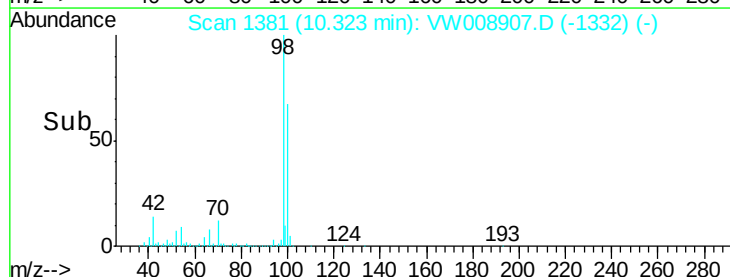
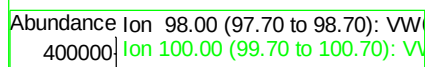
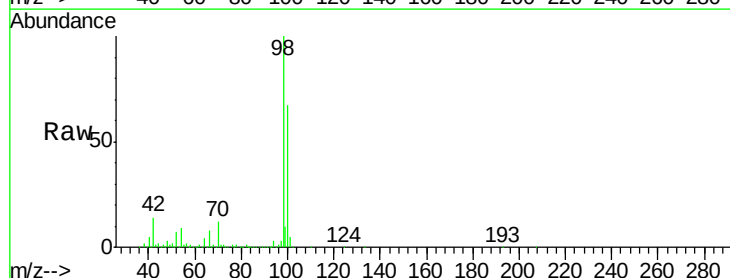
Acq: 01 Mar 2019 01:49

Tgt Ion: 98 Resp: 604033

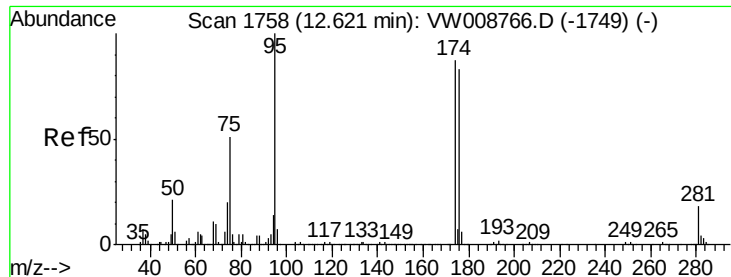
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6

98 100

100 65.6 52.4 78.6



Time-->



#62

4-Bromofluorobenzene

Concen: 44.326 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008907.D

Acq: 01 Mar 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

TRE-FLOOR-SLAB

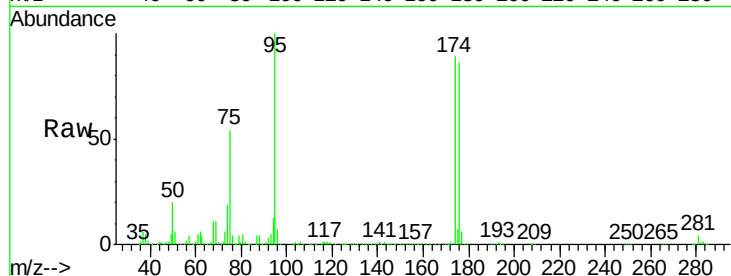
Tot Ion: 95 Resp: 205277

Ion Ratio Lower Upper

95 100

174 89.2 0.0 169.2

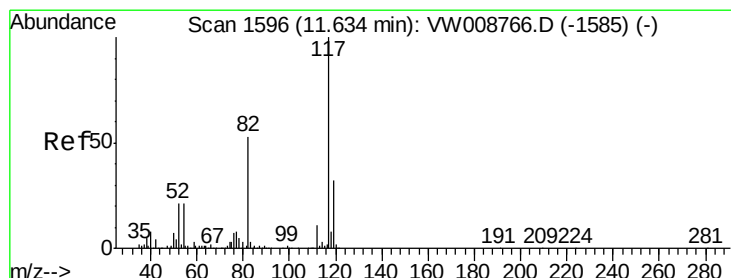
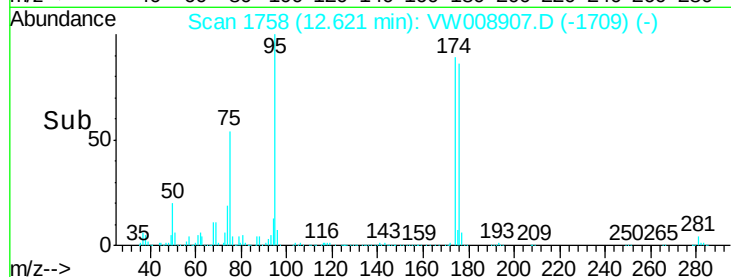
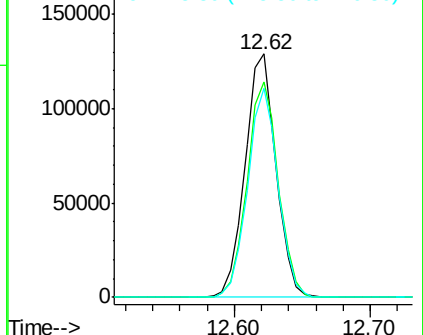
176 84.7 0.0 163.6



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: VW008907.D

Acq: 01 Mar 2019 01:49

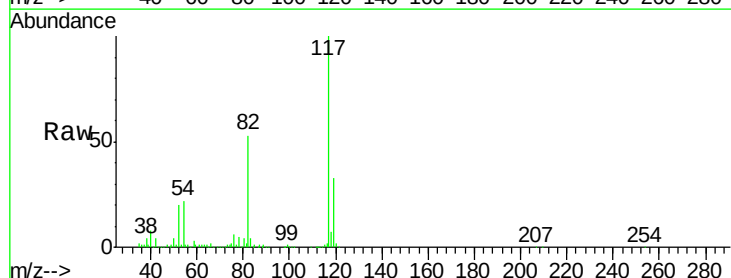
Tgt Ion: 117 Resp: 452381

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.4

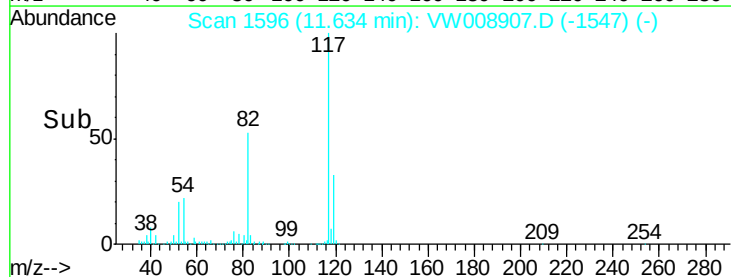
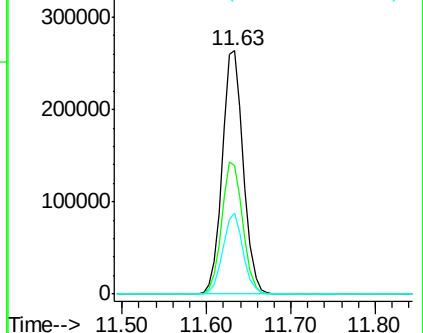
119 33.1 25.9 38.9

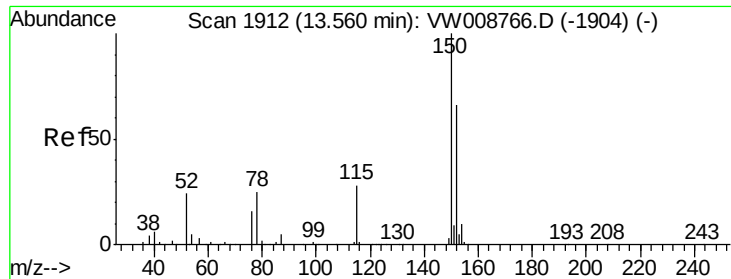


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



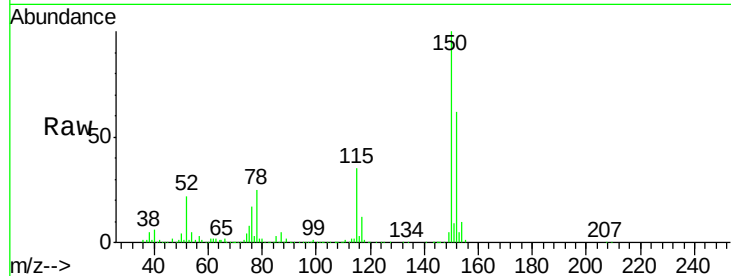


#72

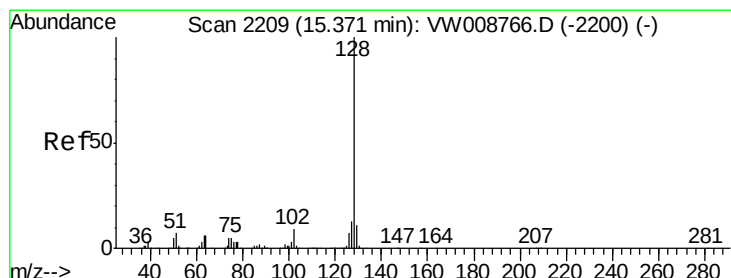
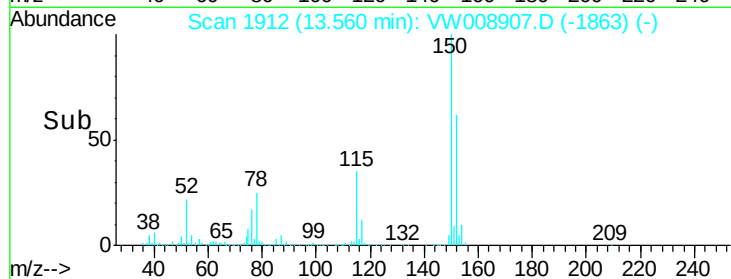
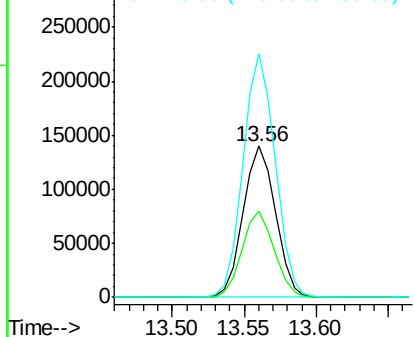
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
TRE-FLOOR-SLAB

Tot Ion:152 Resp: 216674
Ion Ratio Lower Upper
152 100
115 56.8 28.6 85.8
150 160.1 0.0 348.0



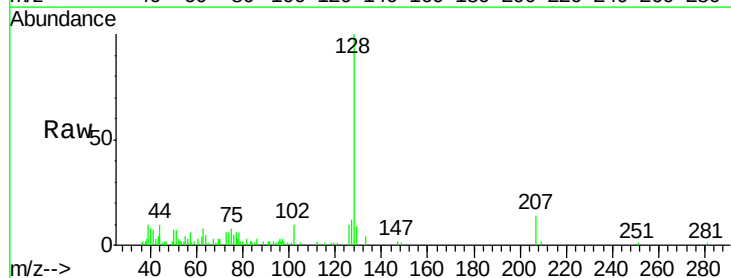
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.207 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion:128 Resp: 9608
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 12.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

