

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008540.D
 Acq On : 06 Feb 2019 20:48
 Operator : SY/VA
 Sample : K1389-15
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-5-D

Quant Time: Feb 07 03:52:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

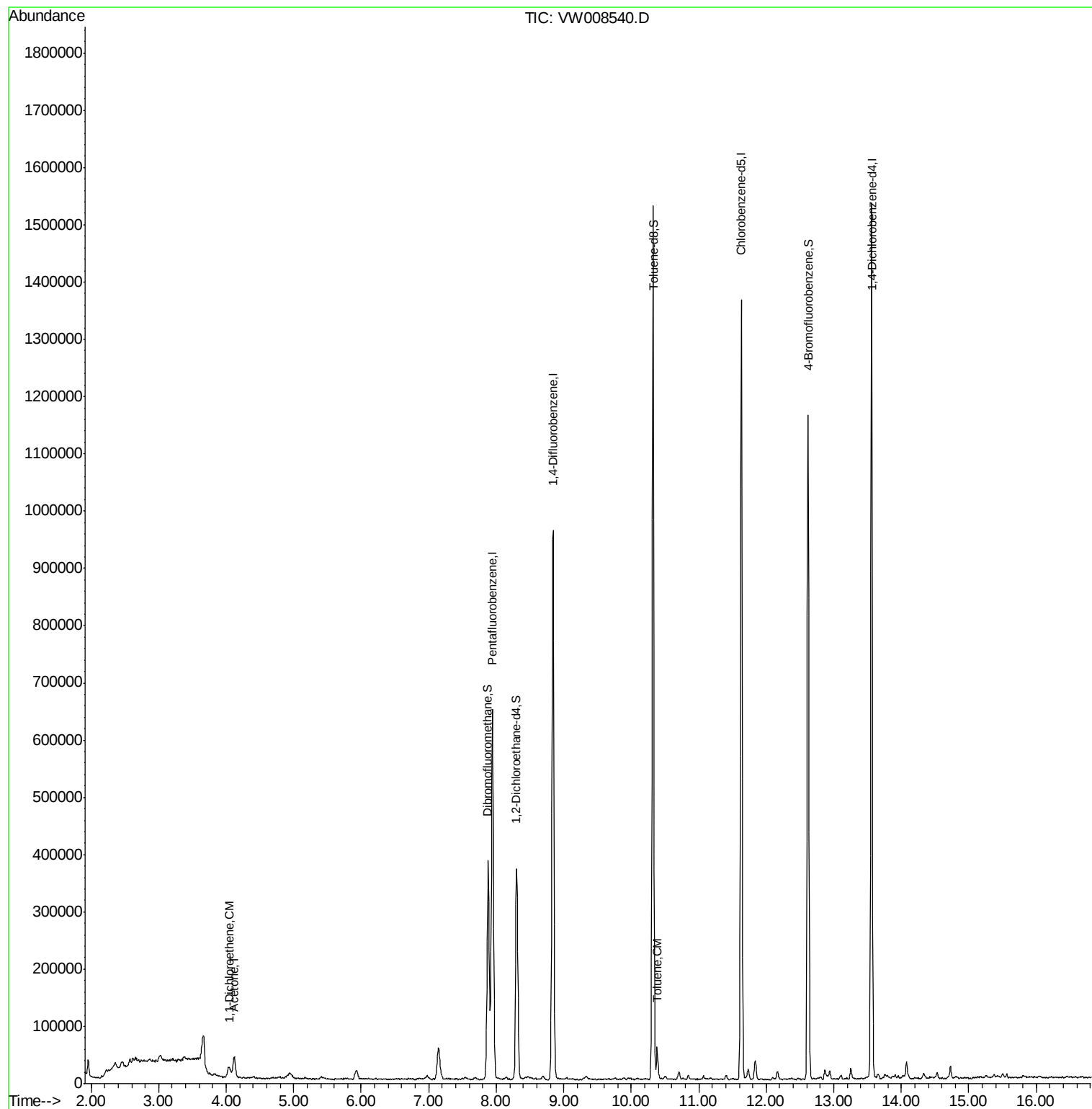
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	512952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	819836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	765551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	392963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	276011	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.88	113	261774	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
50) Toluene-d8	10.32	98	980266	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	374122	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
Target Compounds						
12) 1,1-Dichloroethene	4.04	96	14900	3.173	ug/l #	77
16) Acetone	4.12	43	64987	57.427	ug/l	99
52) Toluene	10.38	92	22951	1.618	ug/l	99

(#) = 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: VW008540.D

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Instrument :

MSVOA_W

ClientSampleId :

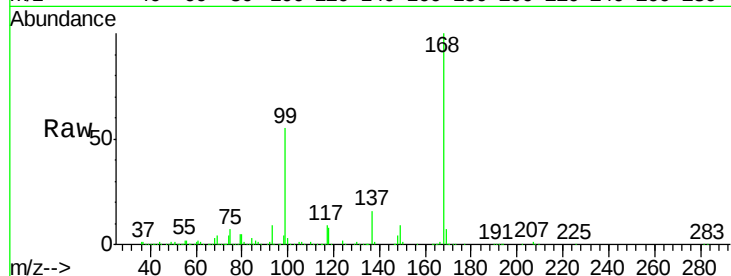
M-5-D

Tot Ion:168 Resp: 512952

Ion Ratio Lower Upper

168 100

99 54.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

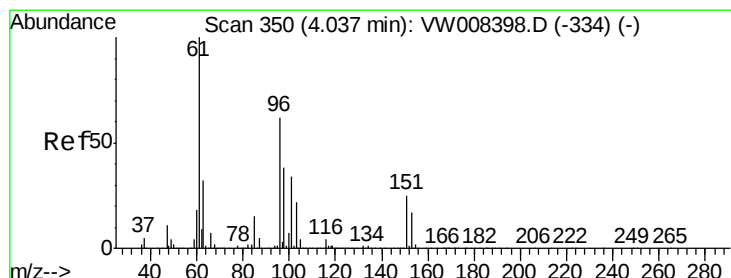
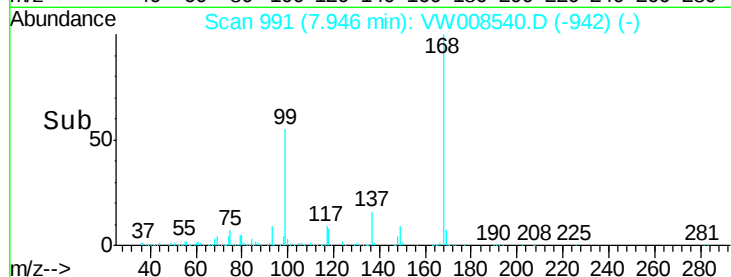
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 3.173 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW008540.D

Acq: 06 Feb 2019 20:48

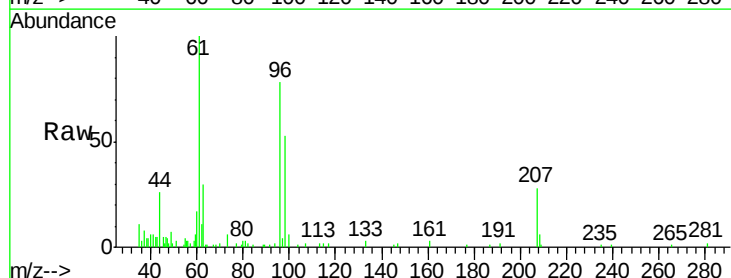
Tgt Ion: 96 Resp: 14900

Ion Ratio Lower Upper

96 100

61 124.5 129.5 194.3#

98 67.9 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

4.04

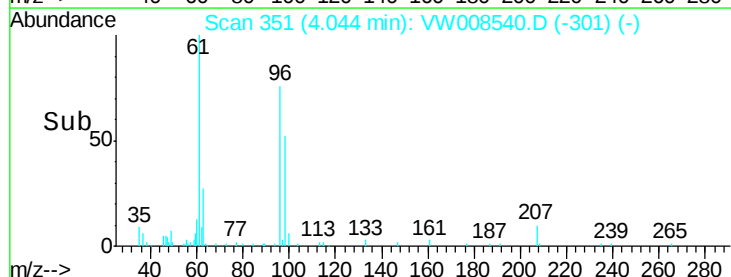
6000

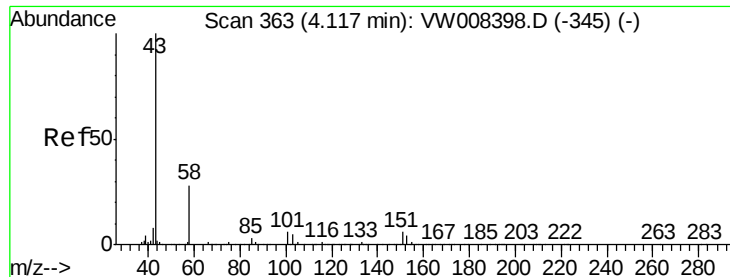
4000

2000

0

Time-->





#16

Acetone

Concen: 57.427 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008540.D

Acq: 06 Feb 2019 20:48

Instrument :

MSVOA_W

ClientSampled :

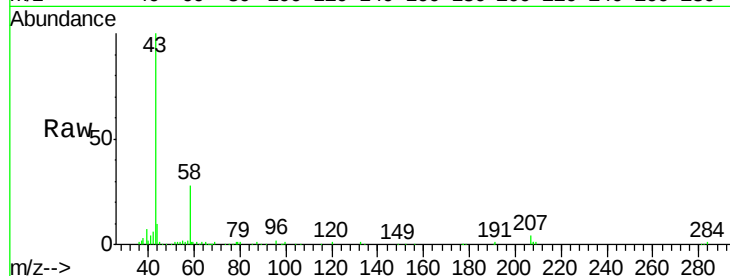
M-5-D

Tot Ion: 43 Resp: 64987

Ion Ratio Lower Upper

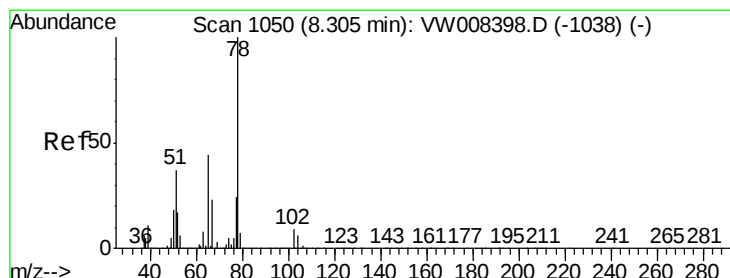
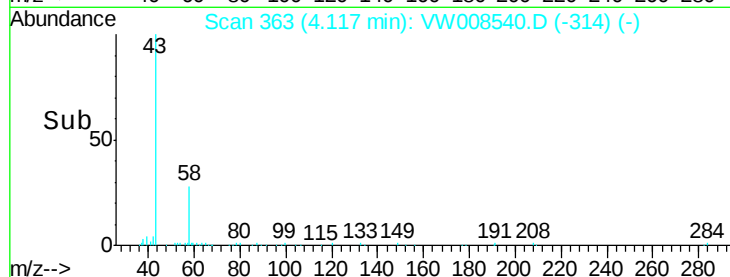
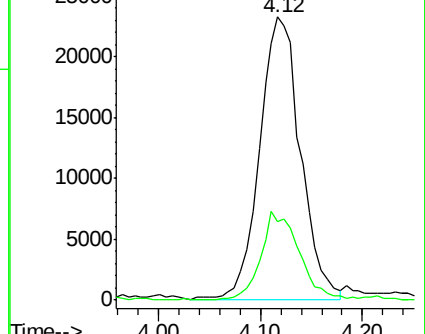
43 100

58 27.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#33

1,2-Dichloroethane-d4

Concen: 54.772 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008540.D

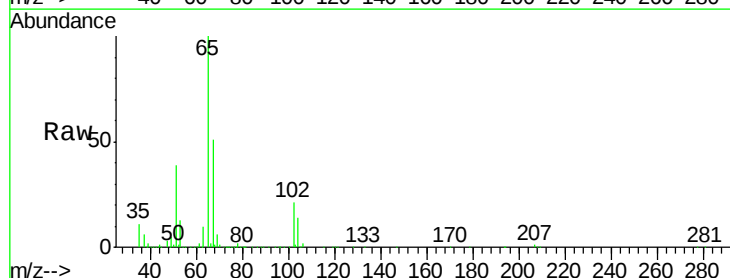
Acq: 06 Feb 2019 20:48

Tgt Ion: 65 Resp: 276011

Ion Ratio Lower Upper

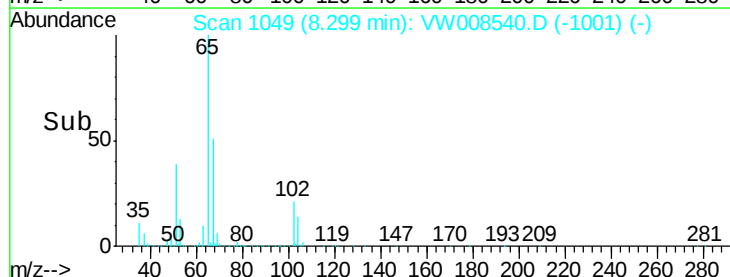
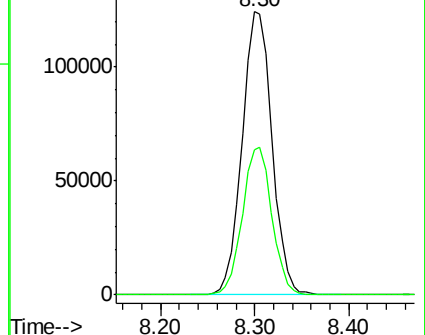
65 100

67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

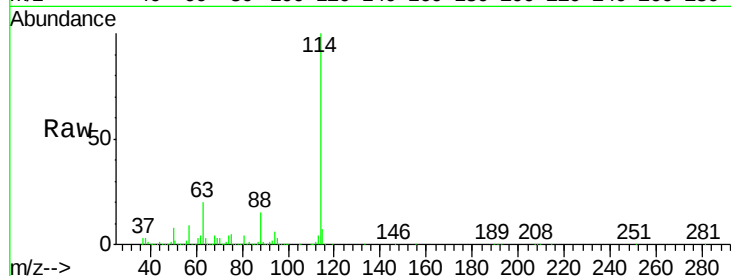




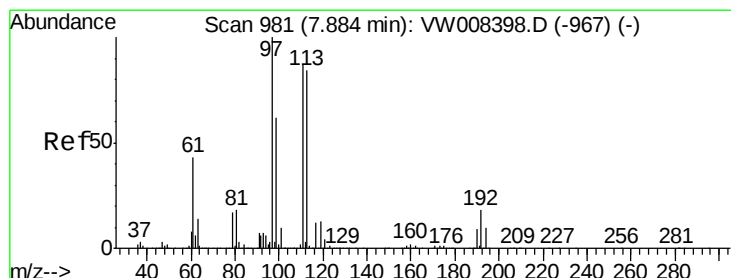
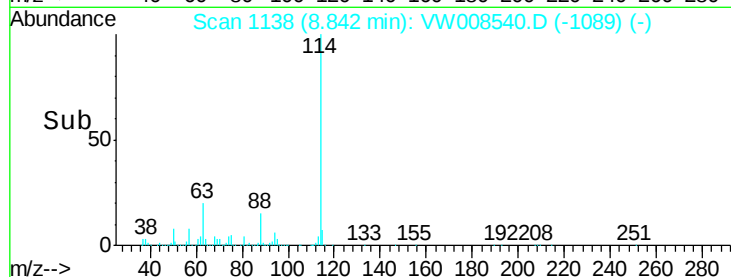
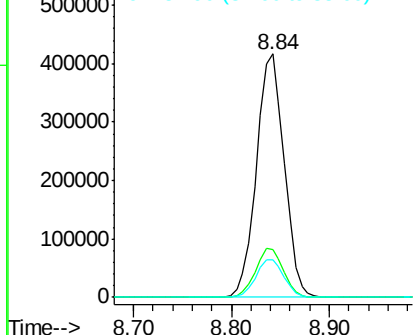
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008540.D
Acq: 06 Feb 2019 20:48

Instrument :
MSVOA_W
ClientSampled :
M-5-D

Tot Ion:114 Resp: 819836
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.6
88 15.4 0.0 31.8

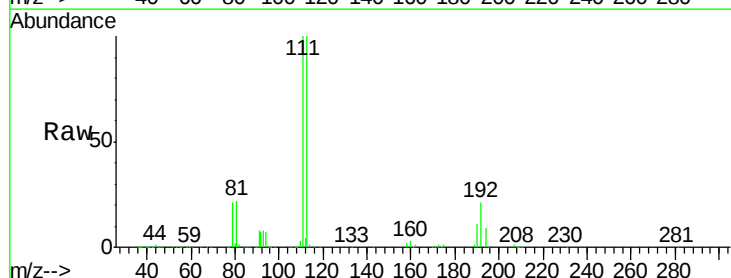


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

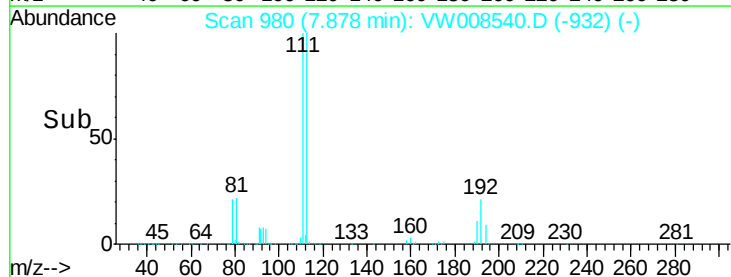
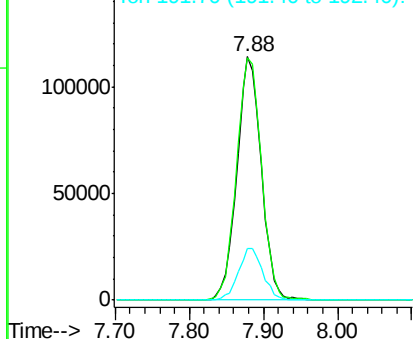


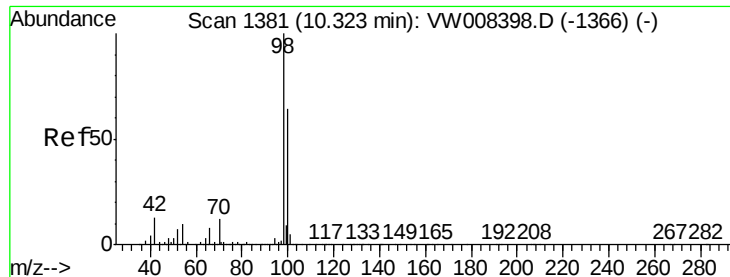
#35
Dibromofluoromethane
Concen: 54.606 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008540.D
Acq: 06 Feb 2019 20:48

Tgt Ion:113 Resp: 261774
Ion Ratio Lower Upper
113 100
111 102.2 81.0 121.4
192 21.6 16.8 25.2



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: 50.993 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008540.D

Acq: 06 Feb 2019 20:48

Instrument :

MSVOA_W

ClientSampleId :

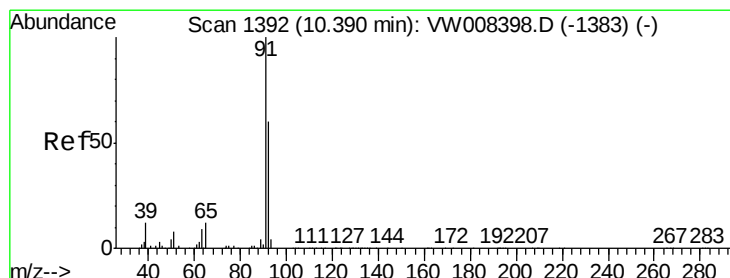
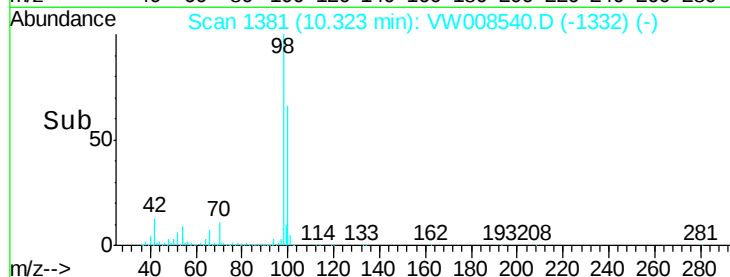
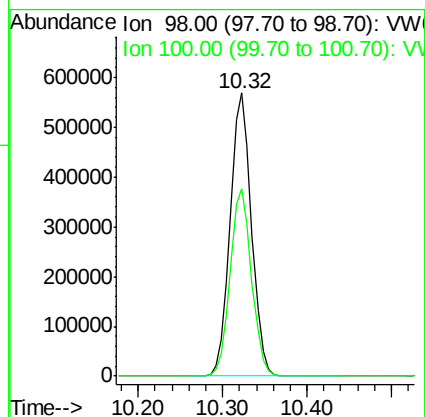
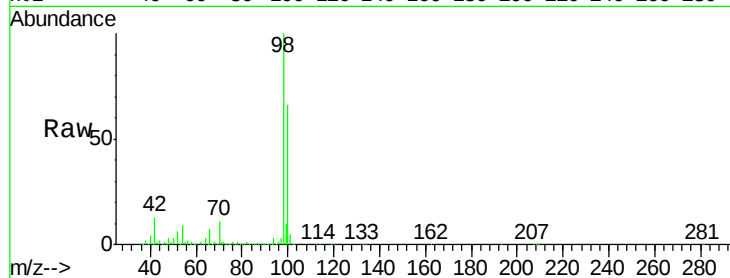
M-5-D

Tot Ion: 98 Resp: 980266

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#52

Toluene

Concen: 1.618 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008540.D

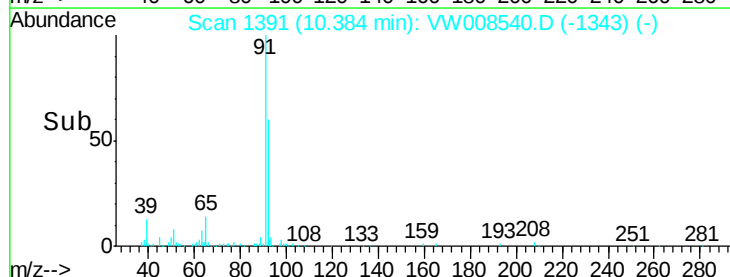
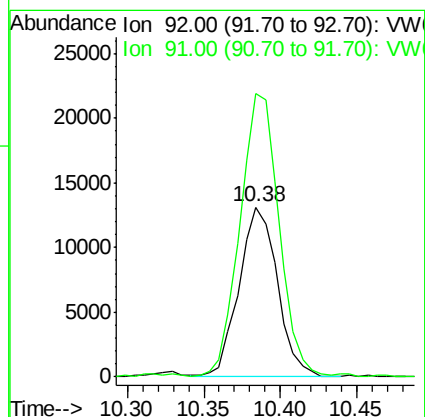
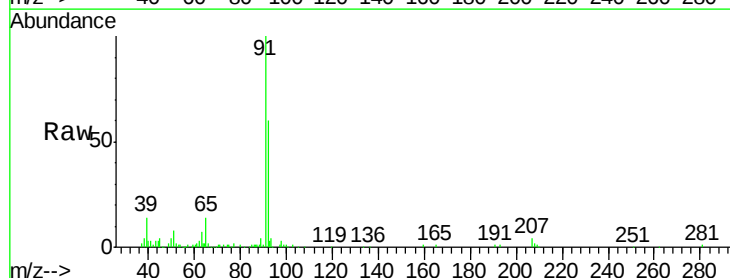
Acq: 06 Feb 2019 20:48

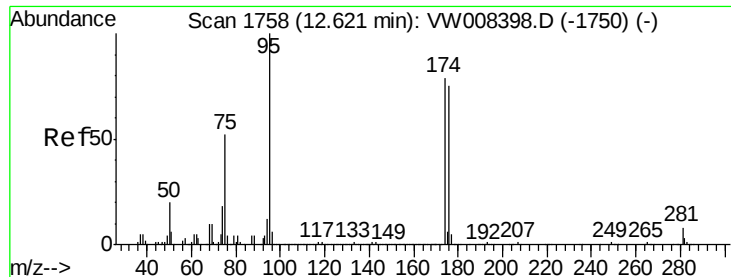
Tgt Ion: 92 Resp: 22951

Ion Ratio Lower Upper

92 100

91 170.2 135.5 203.3

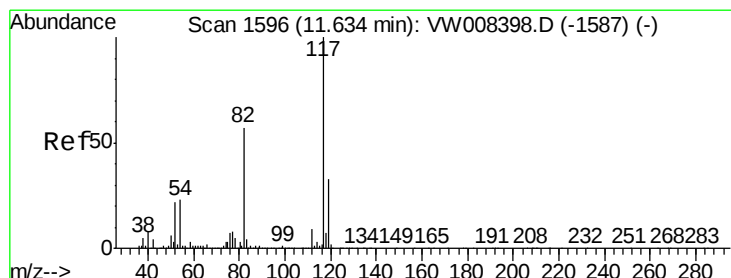
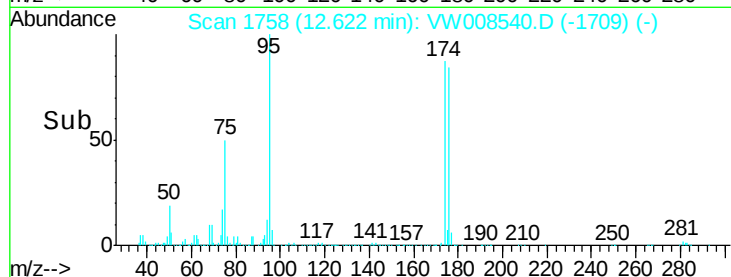
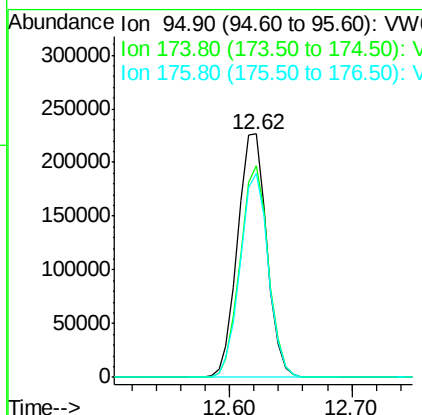
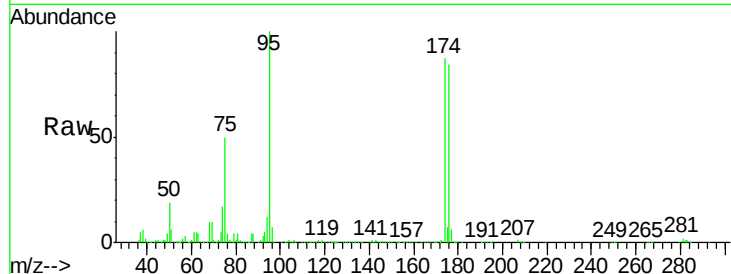




#62
4-Bromofluorobenzene
Concen: 50.631 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008540.D
Acq: 06 Feb 2019 20:48

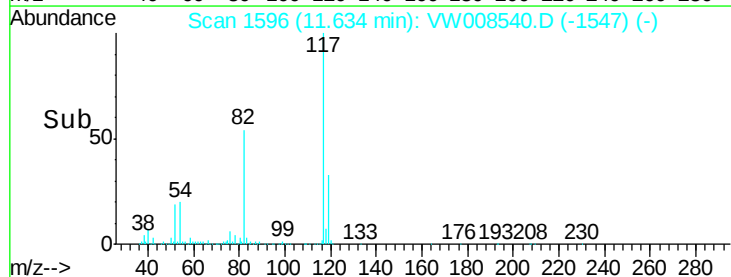
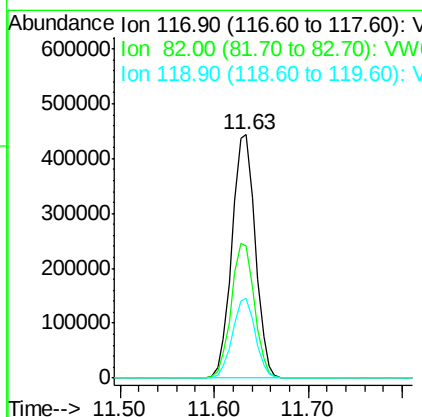
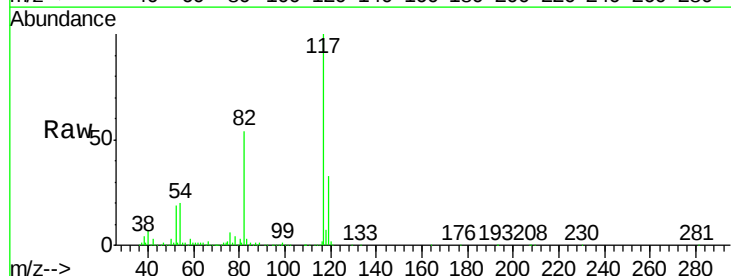
Instrument :
MSVOA_W
ClientSampleId :
M-5-D

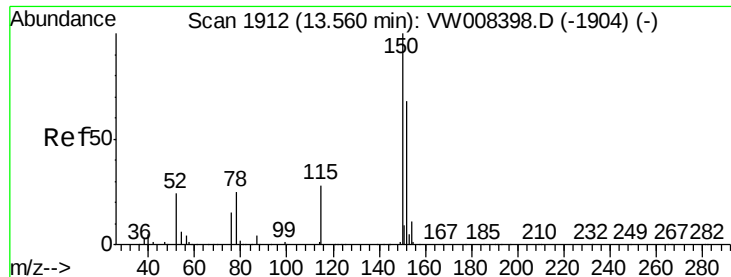
Tot Ion: 95 Resp: 374122
Ion Ratio Lower Upper
95 100
174 84.1 0.0 157.6
176 81.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008540.D
Acq: 06 Feb 2019 20:48

Tgt Ion: 117 Resp: 765551
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008540.D

Acq: 06 Feb 2019 20:48

Instrument :

MSVOA_W

ClientSampleId :

M-5-D

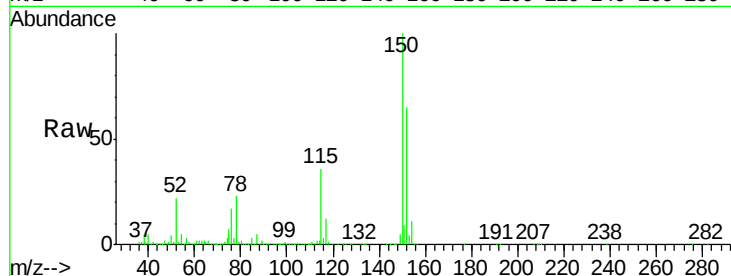
Tot Ion:152 Resp: 392963

Ion Ratio Lower Upper

152 100

115 57.1 29.9 89.7

150 157.4 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

