

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008131.D
 Acq On : 10 Jan 2019 05:25
 Operator : SY/AP
 Sample : K1087-03RE
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-448-10.0-11.0RE

Quant Time: Jan 10 08:20:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

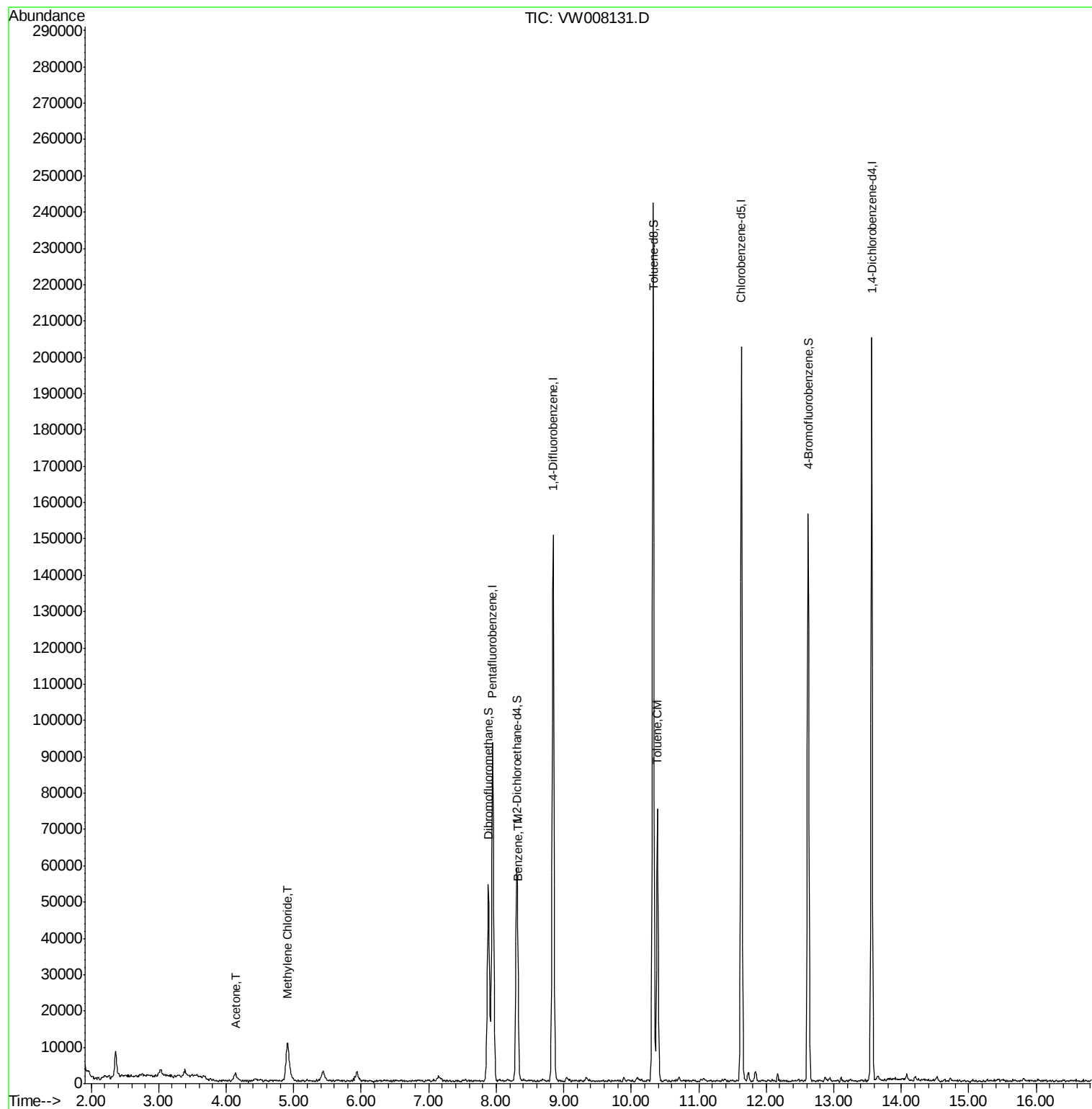
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42130	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
35) Dibromofluoromethane	7.88	113	38278	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
50) Toluene-d8	10.32	98	156354	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	52030	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
16) Acetone	4.14	43	4037	10.945	ug/l #	87
20) Methylene Chloride	4.90	84	7908	7.013	ug/l	97
40) Benzene	8.32	78	3944	1.164	ug/l #	87
52) Toluene	10.39	92	31334	14.477	ug/l	95

(#) = 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: VW008131.D

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MSVOA_W

ClientSampleId :

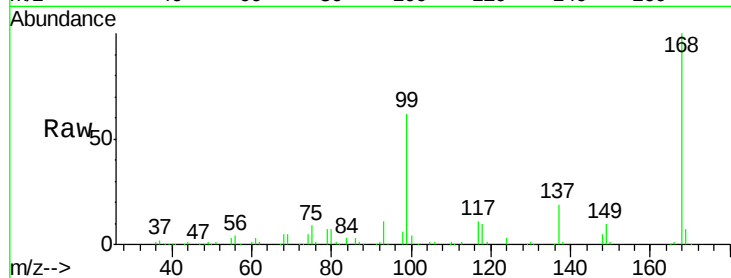
MH-448-10.0-11.0RE

Tot Ion:168 Resp: 64111

Ion Ratio Lower Upper

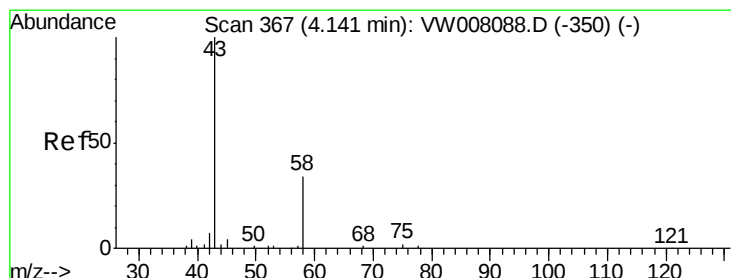
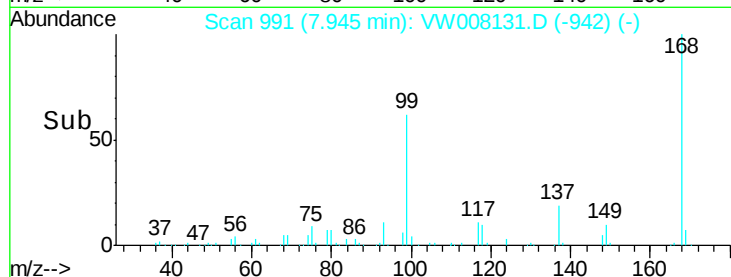
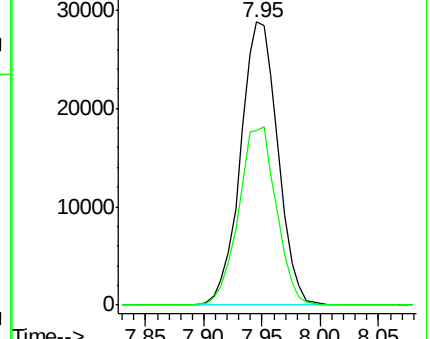
168 100

99 61.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.945 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008131.D

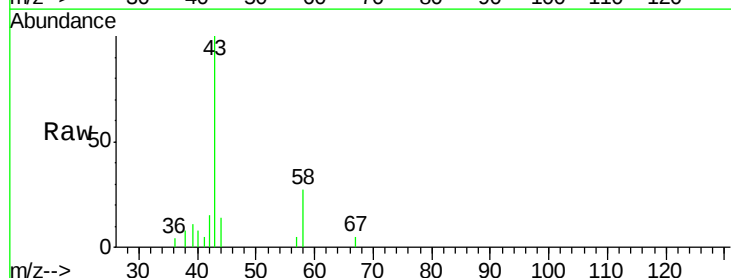
Acq: 10 Jan 2019 05:25

Tgt Ion: 43 Resp: 4037

Ion Ratio Lower Upper

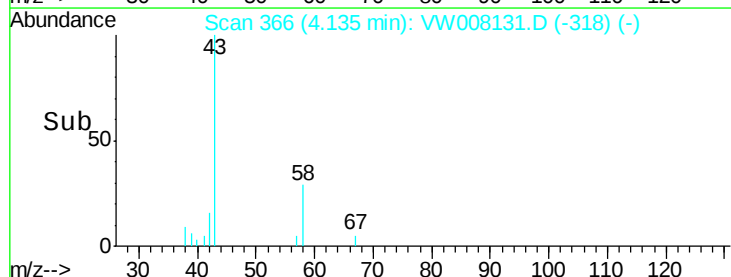
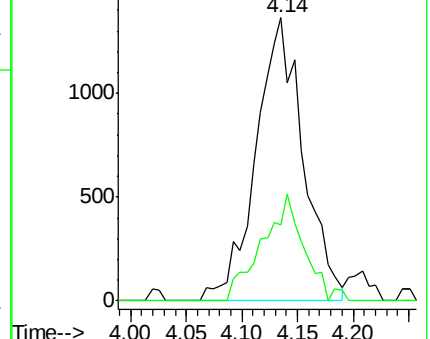
43 100

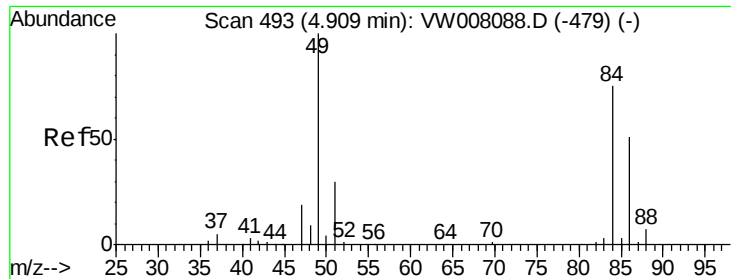
58 26.8 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

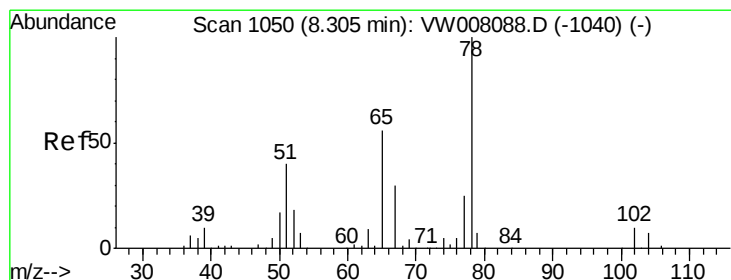
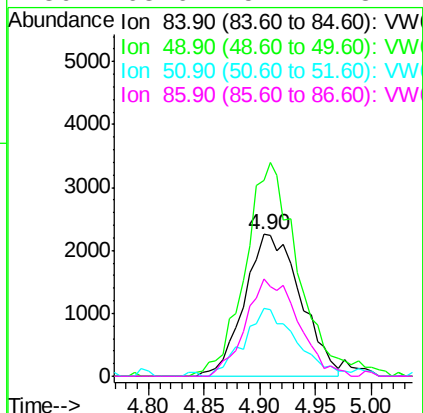
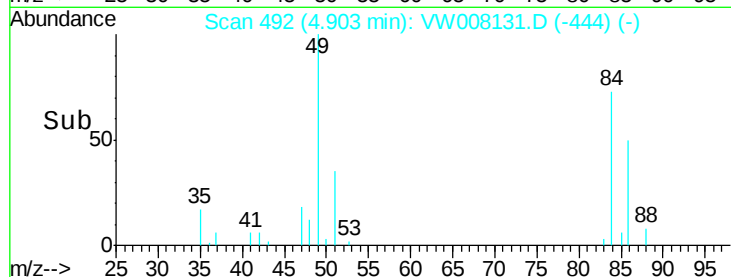
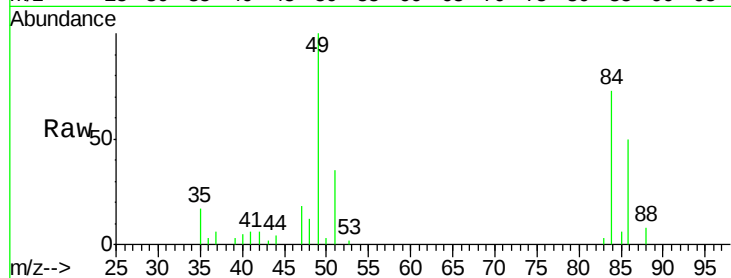




#20
Methvlene Chloride
Concen: 7.013 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

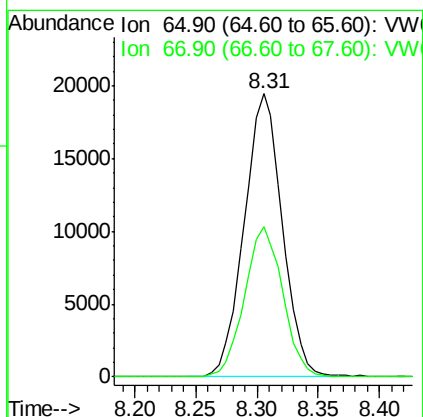
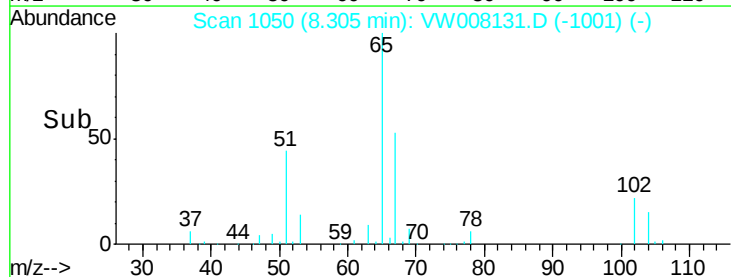
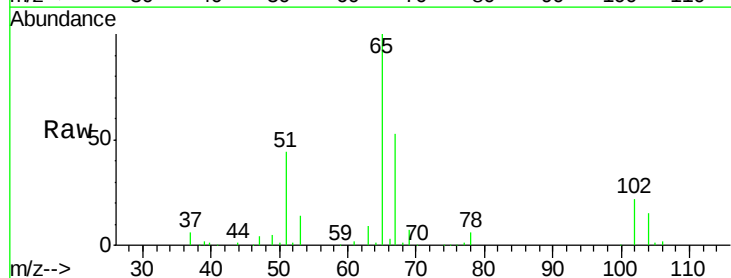
Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

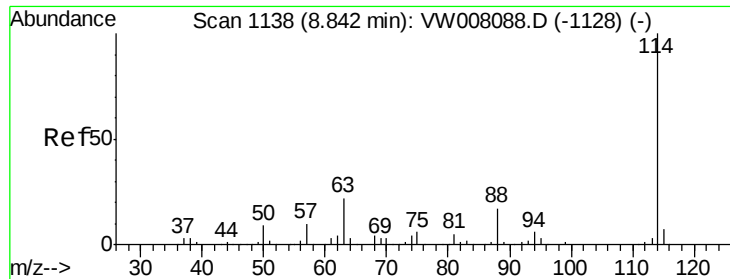
Tot Ion: 84 Resp: 7908
Ion Ratio Lower Upper
84 100
49 137.9 107.1 160.7
51 45.3 32.4 48.6
86 68.6 54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 58.469 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 65 Resp: 42130
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8

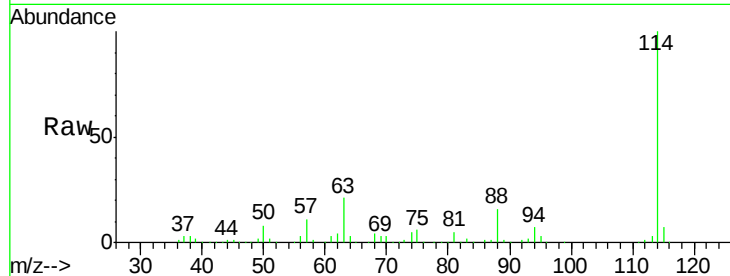




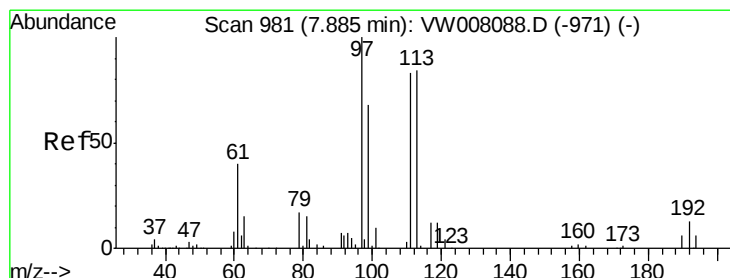
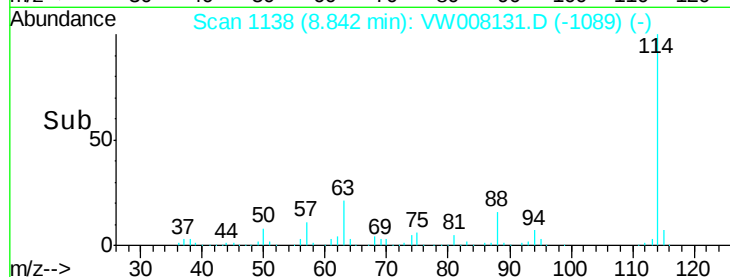
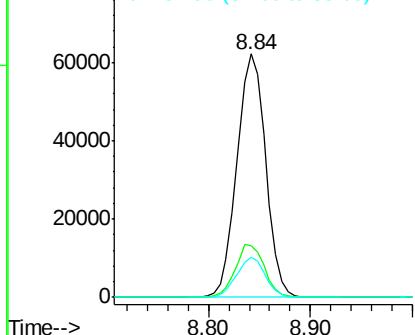
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008131.D
 Acq: 10 Jan 2019 05:25

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-448-10.0-11.0RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.4	0.0	33.4

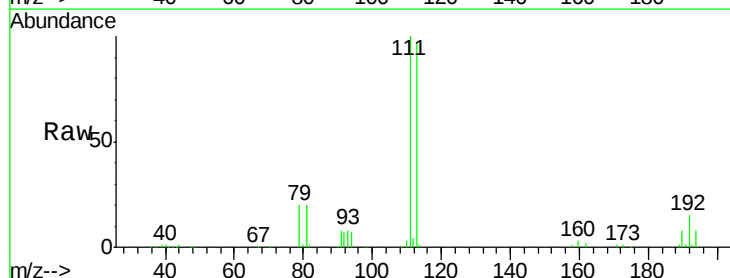


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

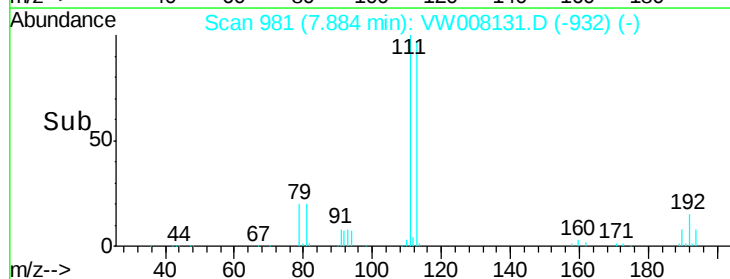
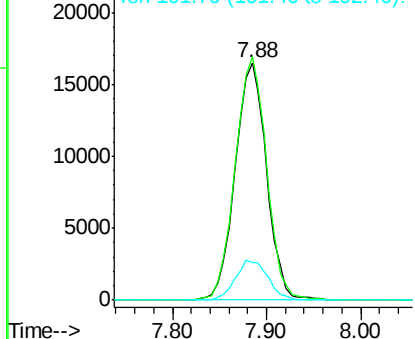


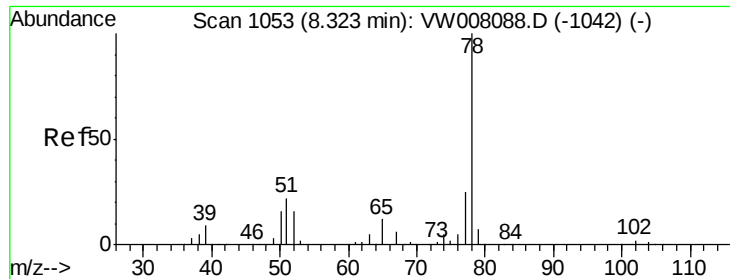
#35
 Dibromofluoromethane
 Concen: 54.104 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008131.D
 Acq: 10 Jan 2019 05:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	17.4	12.8	19.2



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





#40

Benzene

Concen: 1.164 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW008131.D

Acq: 10 Jan 2019 05:25

Instrument :

MSVOA_W

ClientSampleId :

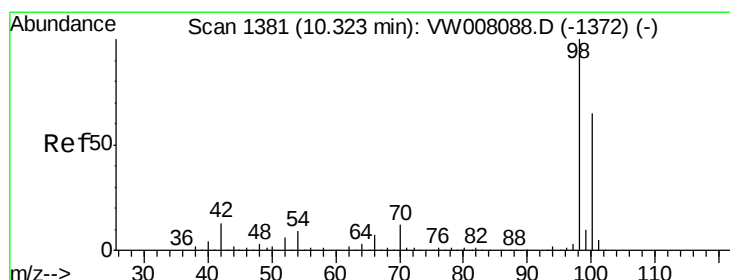
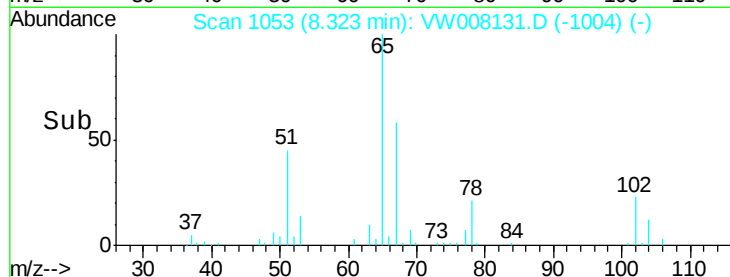
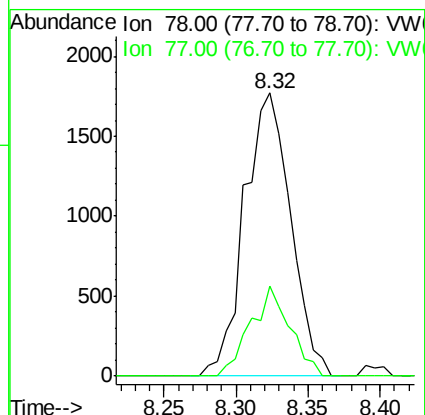
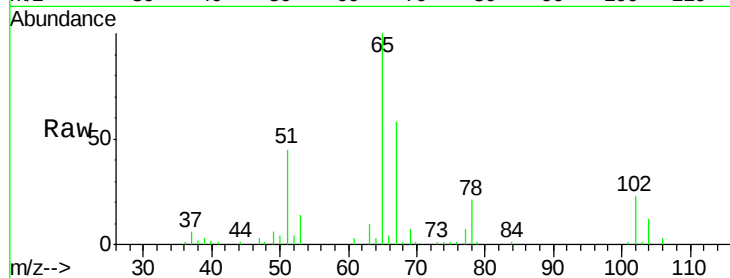
MH-448-10.0-11.0RE

Tot Ion: 78 Resp: 3944

Ion Ratio Lower Upper

78 100

77 31.7 20.2 30.4#



#50

Toluene-d8

Concen: 52.664 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008131.D

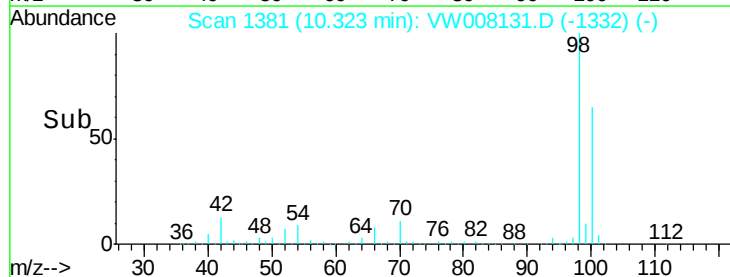
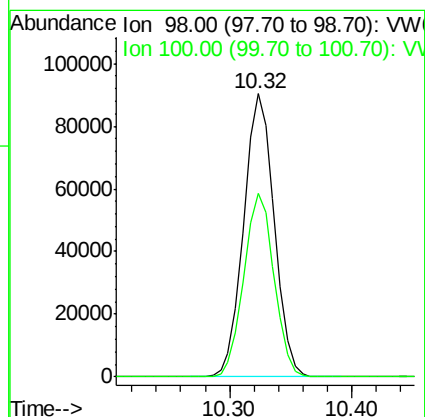
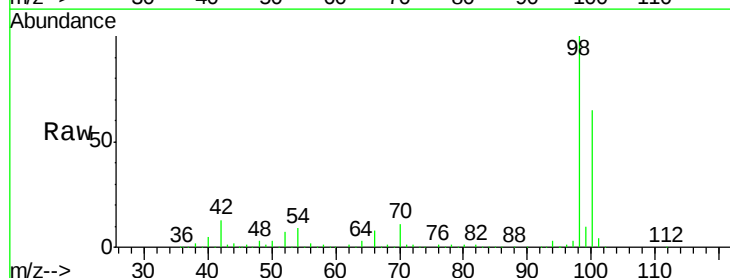
Acq: 10 Jan 2019 05:25

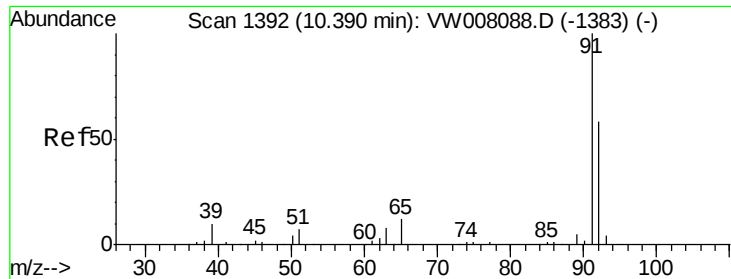
Tgt Ion: 98 Resp: 156354

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5





#52

Toluene

Concen: 14.477 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008131.D

Acq: 10 Jan 2019 05:25

Instrument :

MSVOA_W

ClientSampleId :

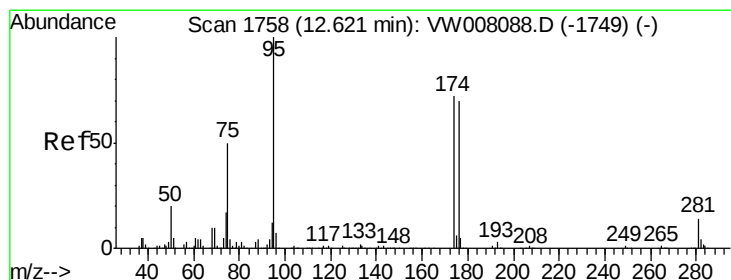
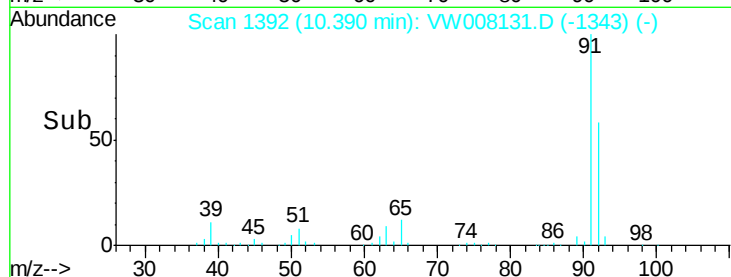
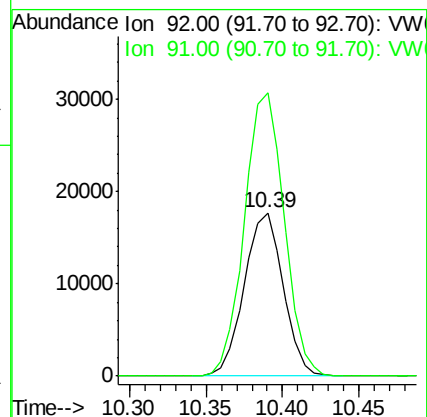
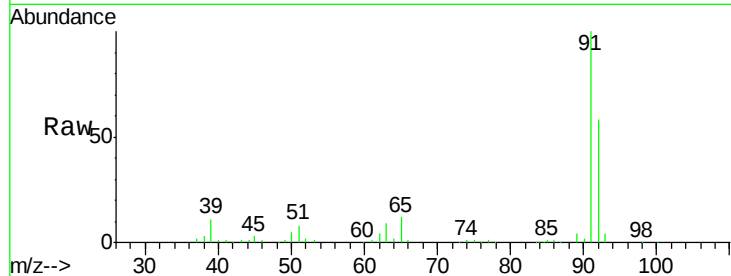
MH-448-10.0-11.0RE

Tot Ion: 92 Resp: 31334

Ion Ratio Lower Upper

92 100

91 177.4 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 48.884 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008131.D

Acq: 10 Jan 2019 05:25

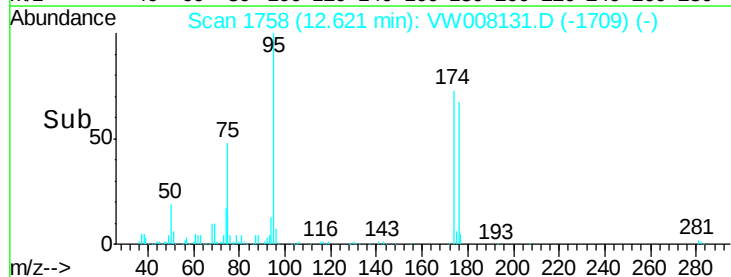
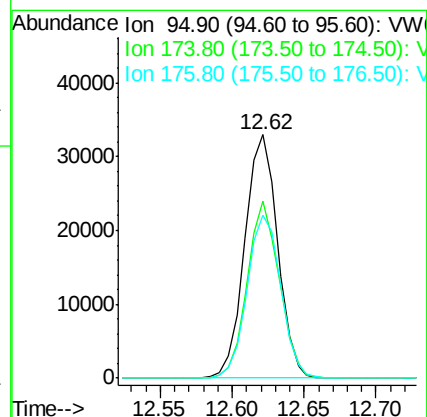
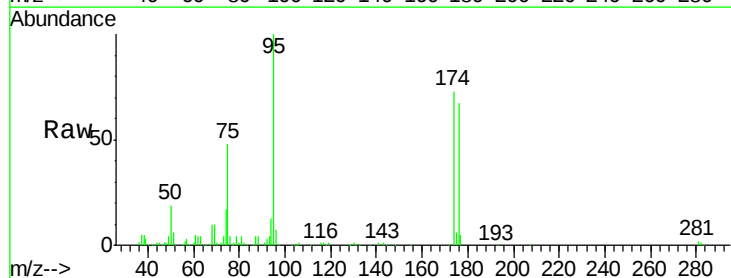
Tgt Ion: 95 Resp: 52030

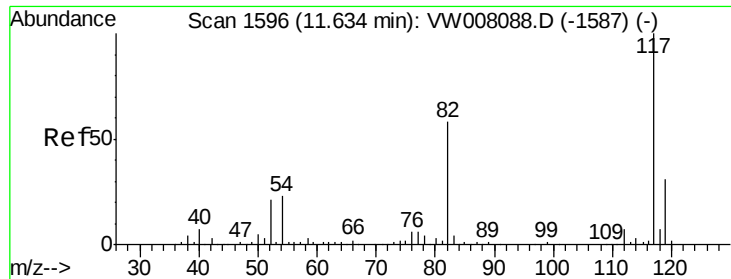
Ion Ratio Lower Upper

95 100

174 70.7 0.0 143.0

176 68.3 0.0 140.2

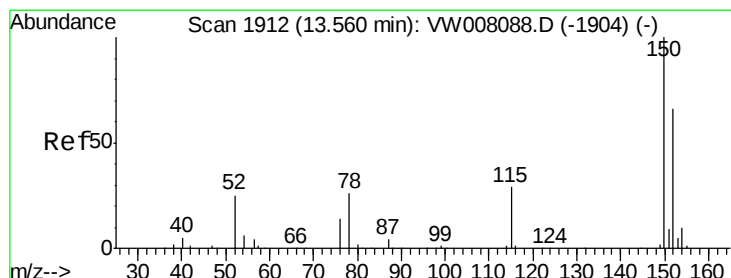
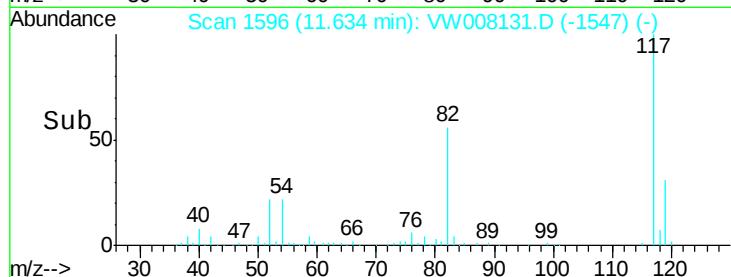
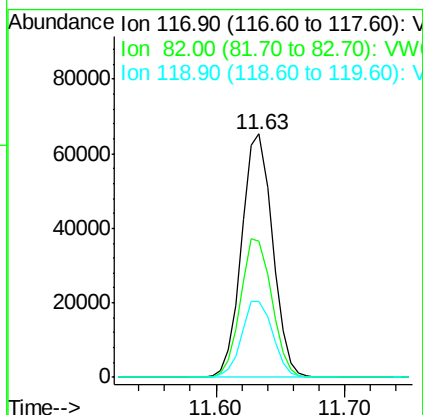
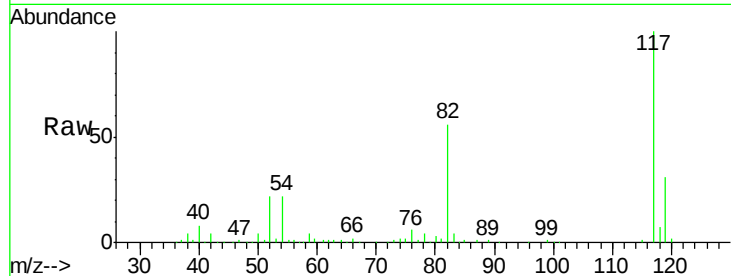




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tot Ion:117 Resp: 108437
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 31.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion:152 Resp: 48672
Ion Ratio Lower Upper
152 100
115 62.3 30.8 92.4
150 156.2 0.0 350.2

