

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008134.D
 Acq On : 10 Jan 2019 06:45
 Operator : SY/AP
 Sample : K1087-16
 Misc : 5.49G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-444-10.0-11.0

Quant Time: Jan 10 08:24:20 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

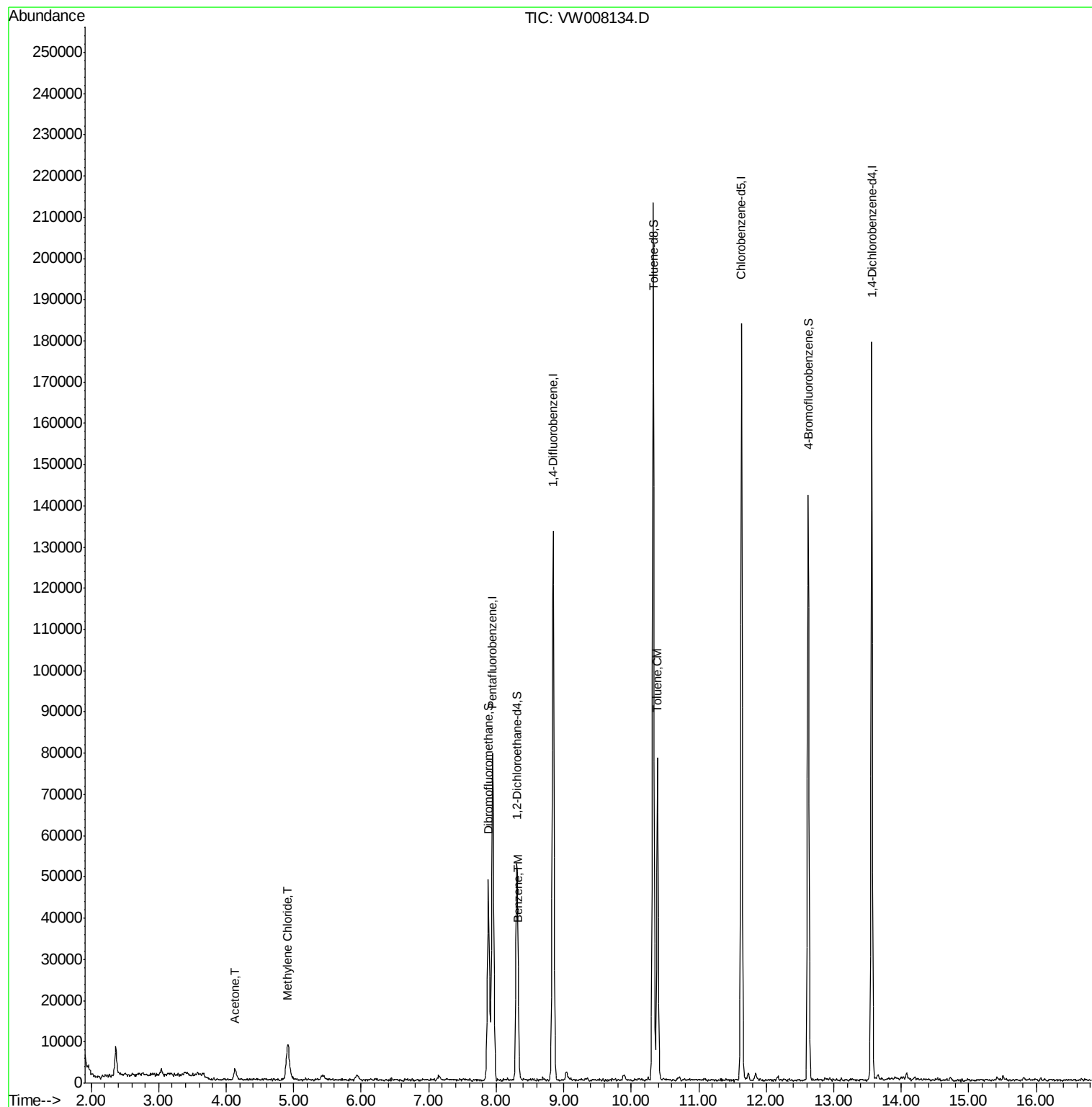
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	106553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	95552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38994	63.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.38%	
35) Dibromofluoromethane	7.88	113	33182	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
50) Toluene-d8	10.32	98	138259	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.62	95	45101	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
16) Acetone	4.14	43	4509	21.653	ug/l	91
20) Methylene Chloride	4.91	84	6323	6.285	ug/l	91
40) Benzene	8.33	78	3887	1.306	ug/l	98
52) Toluene	10.39	92	32550	17.120	ug/l	99

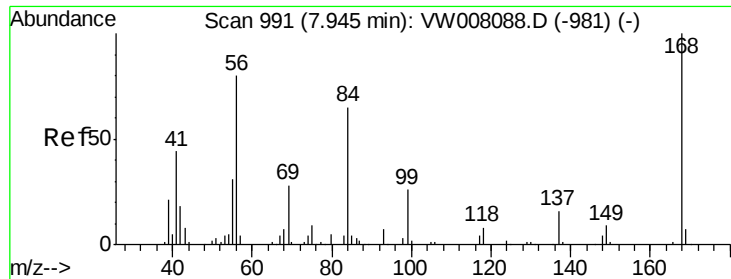
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008134.D

Acq: 10 Jan 2019 06:45

Instrument :

MSVOA_W

ClientSampleId :

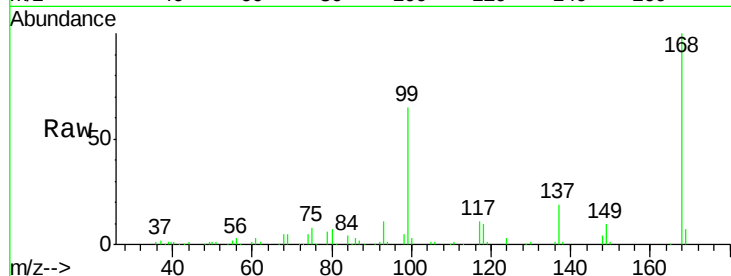
MH-444-10.0-11.0

Tot Ion:168 Resp: 54476

Ion Ratio Lower Upper

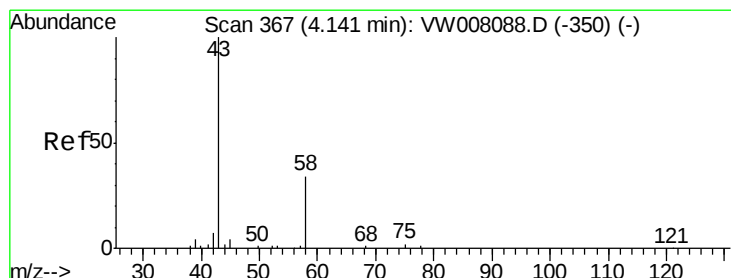
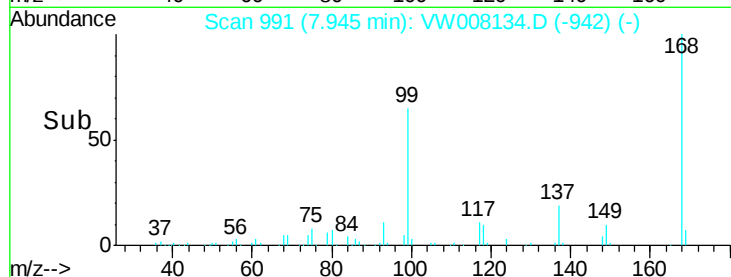
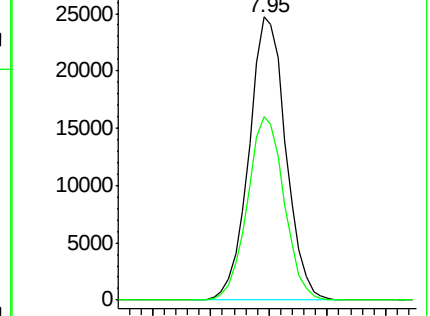
168 100

99 64.8 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: 21.653 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008134.D

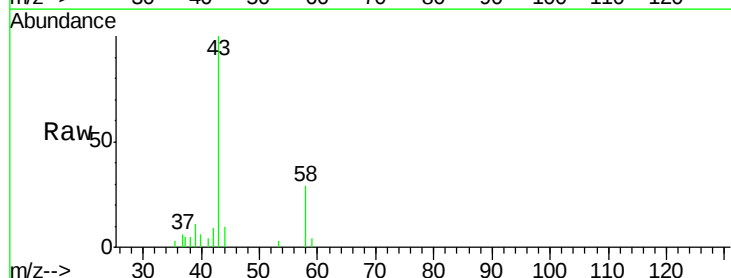
Acq: 10 Jan 2019 06:45

Tgt Ion: 43 Resp: 4509

Ion Ratio Lower Upper

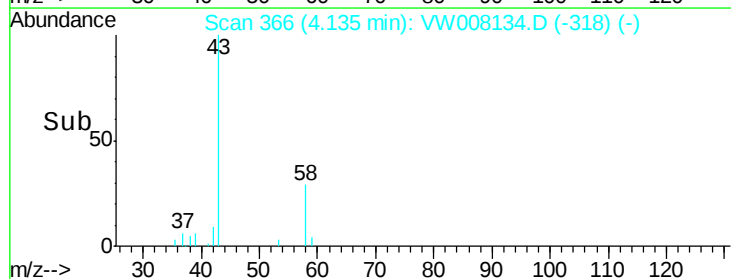
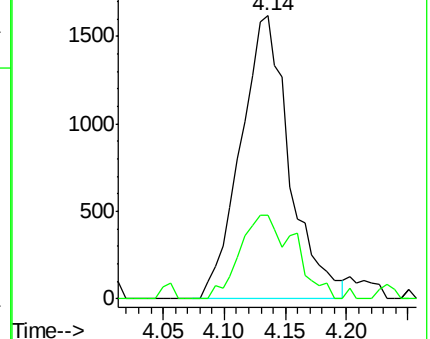
43 100

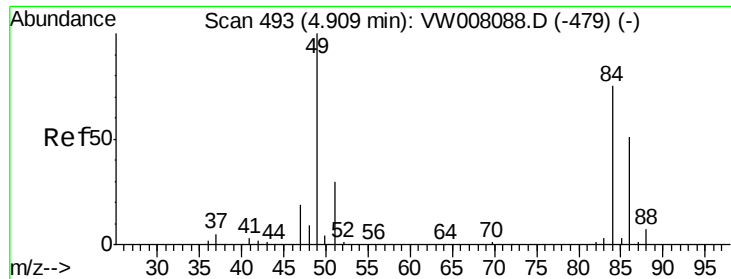
58 29.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

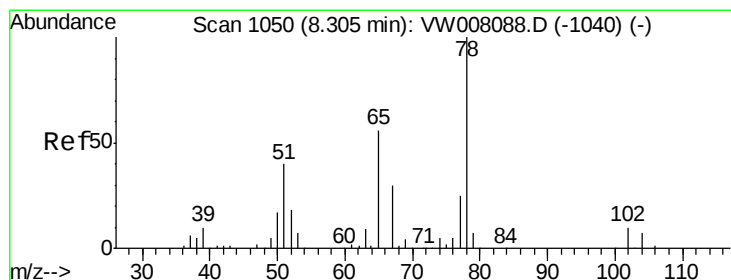
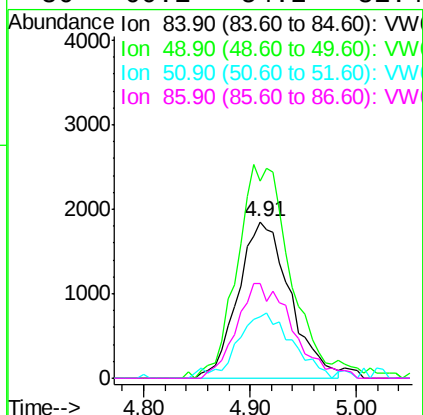
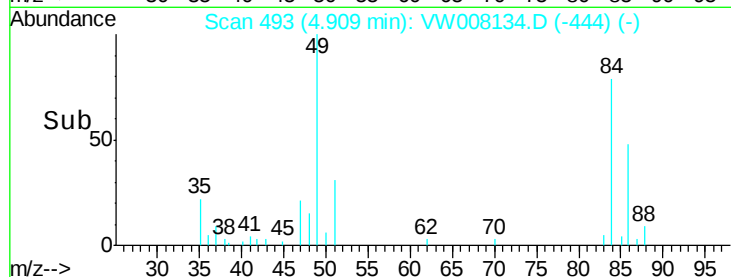
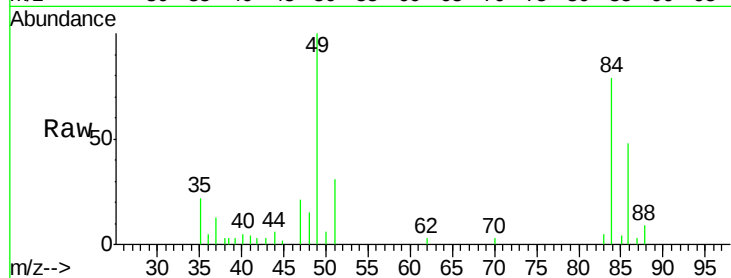




#20
Methylene Chloride
Concen: 6.285 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008134.D
Acq: 10 Jan 2019 06:45

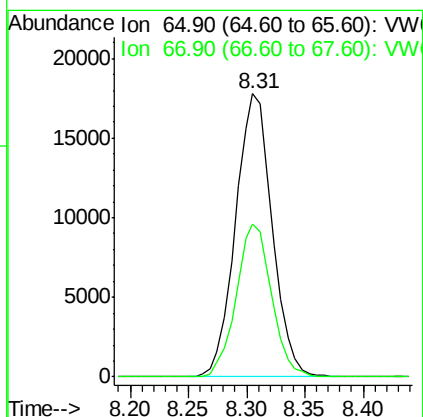
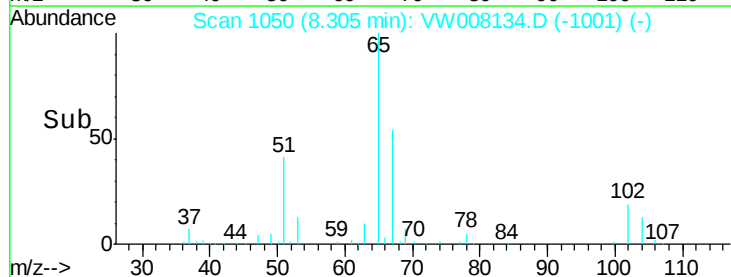
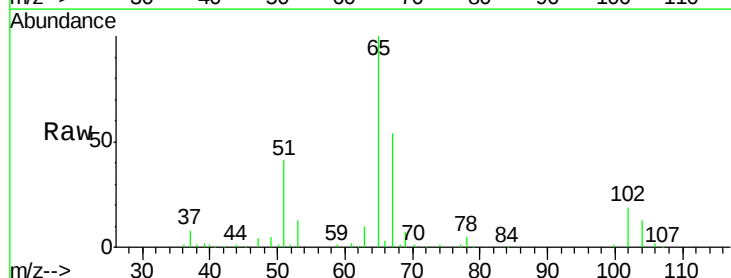
Instrument :
MSVOA_W
ClientSampleId :
MH-444-10.0-11.0

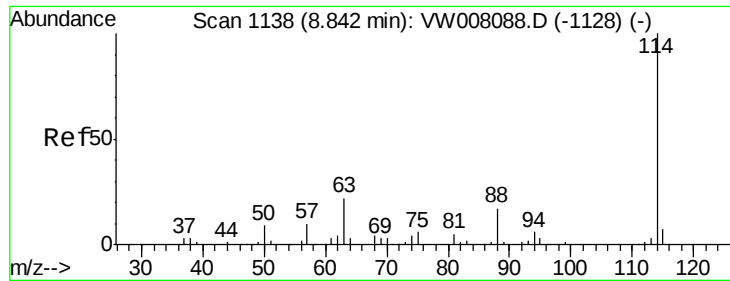
Tot Ion: 84 Resp: 6323
Ion Ratio Lower Upper
84 100
49 122.1 107.1 160.7
51 38.8 32.4 48.6
86 60.1 54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 63.688 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008134.D
Acq: 10 Jan 2019 06:45

Tgt Ion: 65 Resp: 38994
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.8

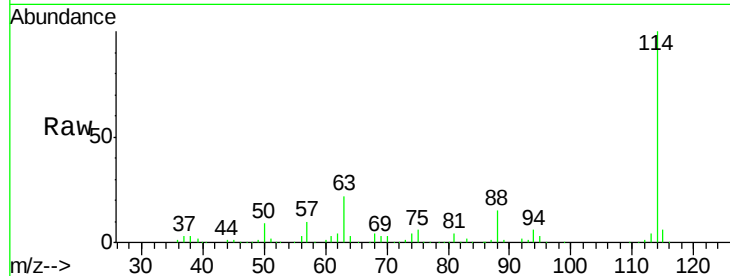




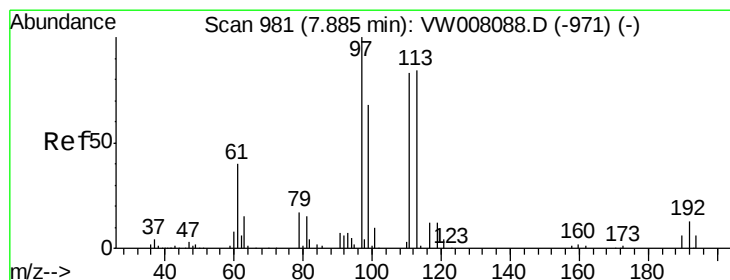
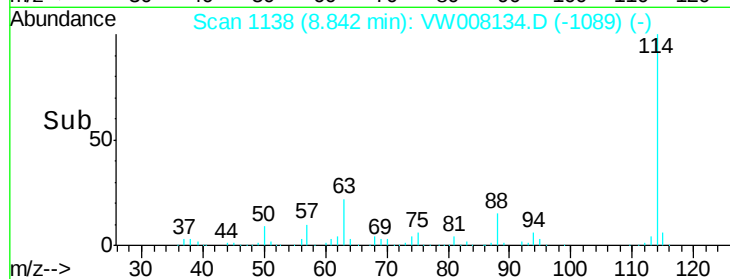
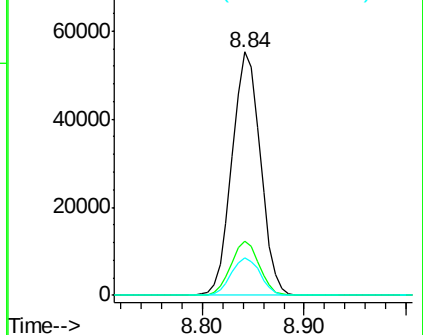
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008134.D
 Acq: 10 Jan 2019 06:45

Instrument :
 MSVOA_W
 ClientSampleId :
 MH-444-10.0-11.0

Tot Ion:114 Resp: 106553
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 15.2 0.0 33.4

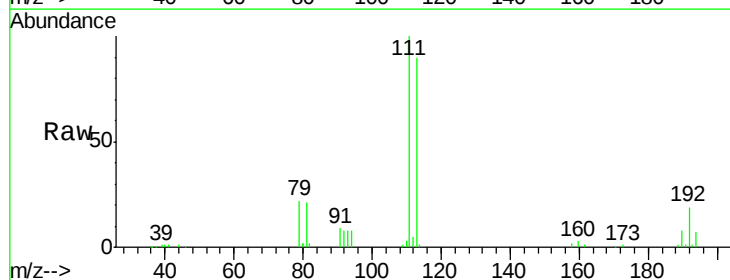


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

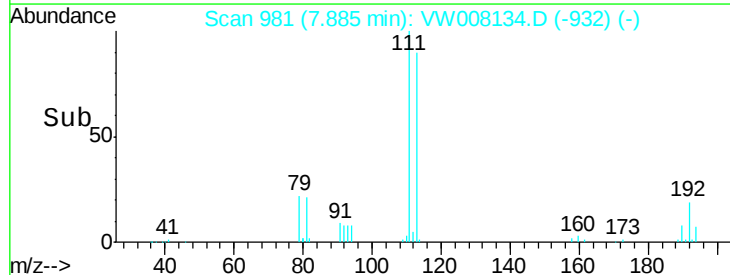
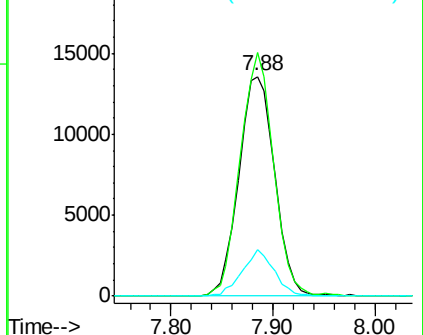


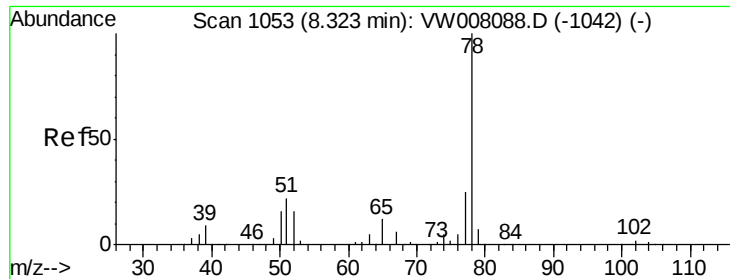
#35
 Dibromofluoromethane
 Concen: 53.394 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008134.D
 Acq: 10 Jan 2019 06:45

Tgt Ion:113 Resp: 33182
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 18.7 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: 1.306 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW008134.D

Acq: 10 Jan 2019 06:45

Instrument :

MSVOA_W

ClientSampleId :

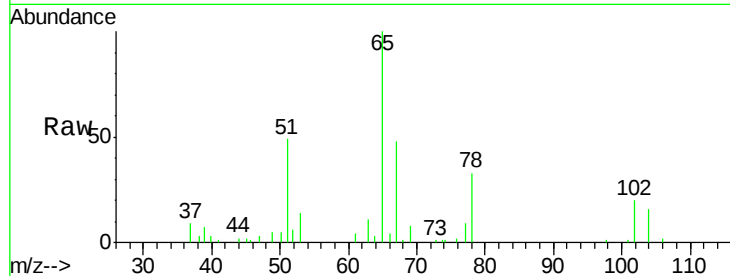
MH-444-10.0-11.0

Tot Ion: 78 Resp: 3887

Ion Ratio Lower Upper

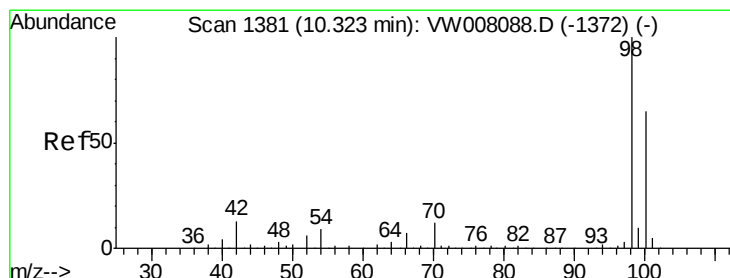
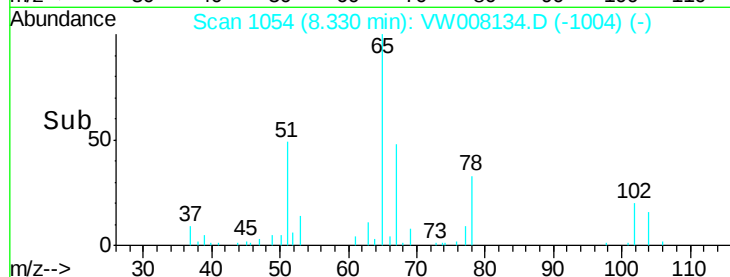
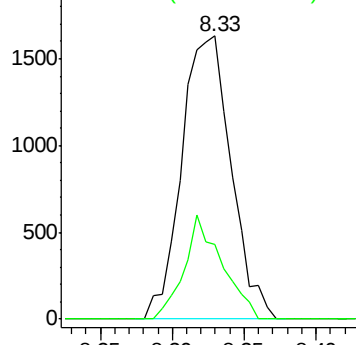
78 100

77 26.2 20.2 30.4



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 53.016 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008134.D

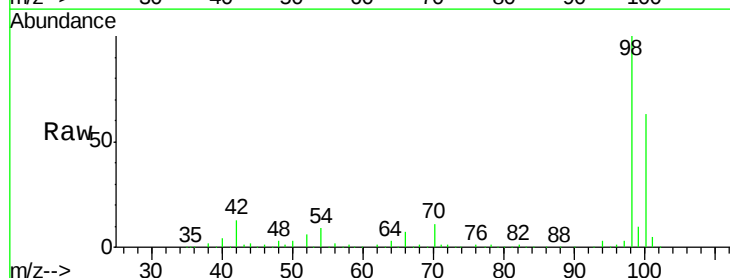
Acq: 10 Jan 2019 06:45

Tgt Ion: 98 Resp: 138259

Ion Ratio Lower Upper

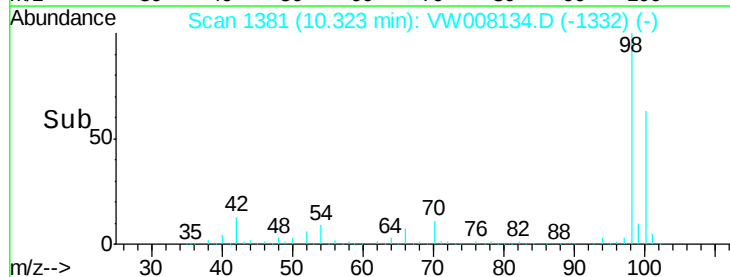
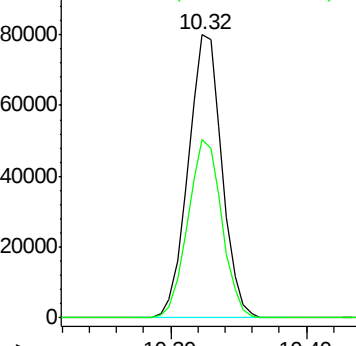
98 100

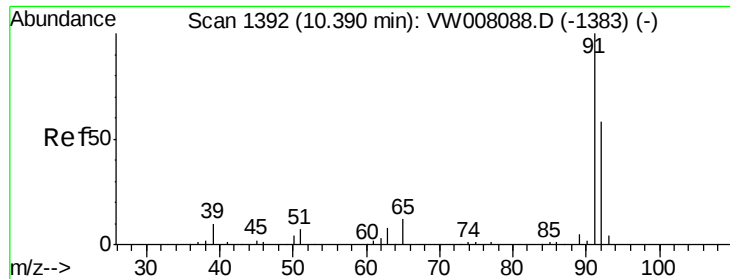
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 17.120 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008134.D

Acq: 10 Jan 2019 06:45

Instrument :

MSVOA_W

ClientSampleId :

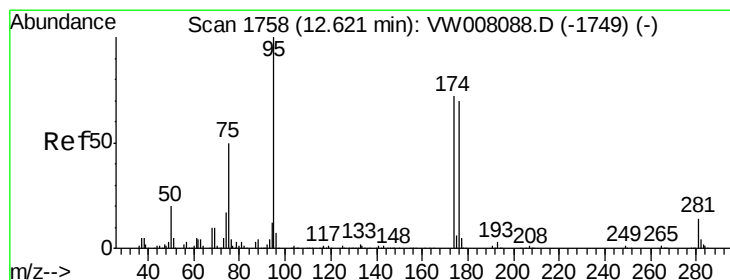
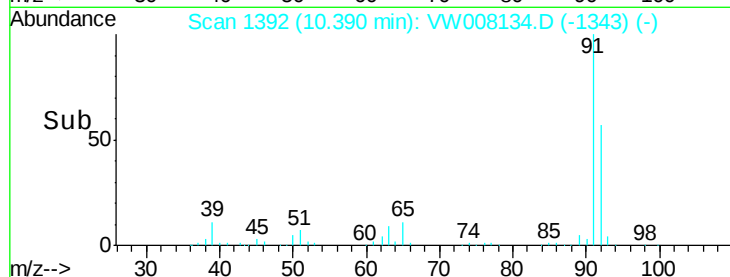
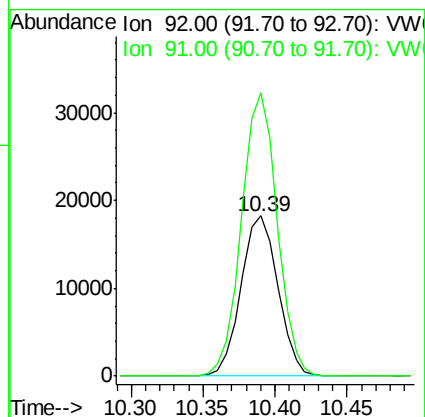
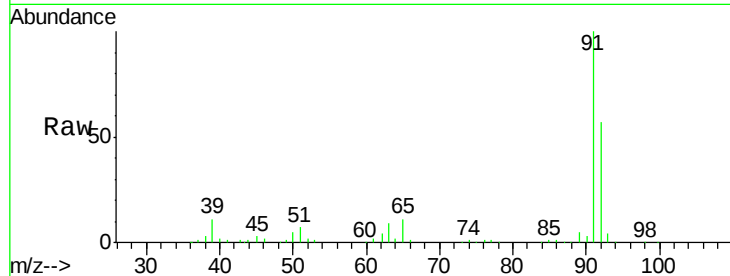
MH-444-10.0-11.0

Tot Ion: 92 Resp: 32550

Ion Ratio Lower Upper

92 100

91 170.3 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 48.240 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008134.D

Acq: 10 Jan 2019 06:45

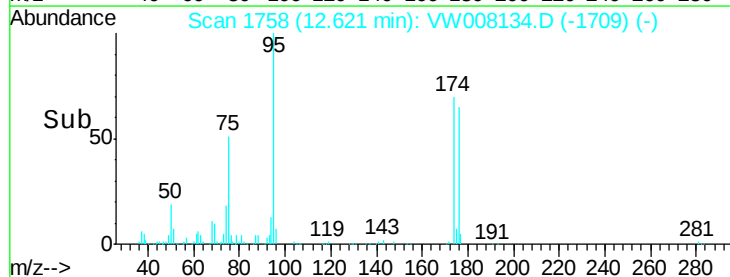
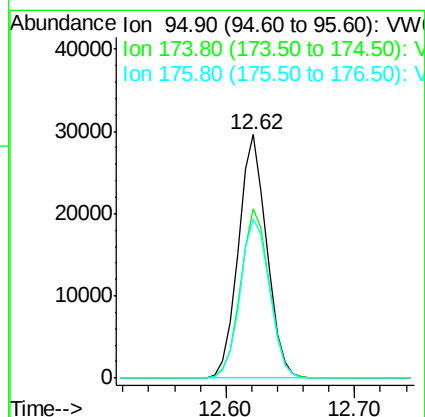
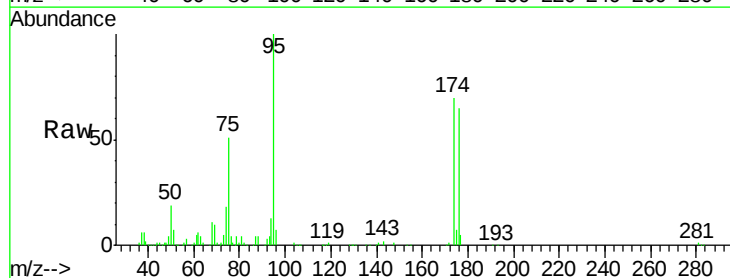
Tgt Ion: 95 Resp: 45101

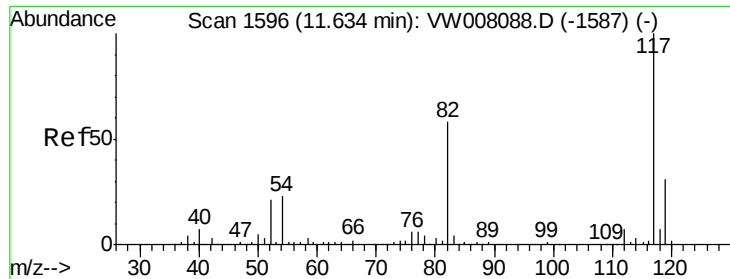
Ion Ratio Lower Upper

95 100

174 70.6 0.0 143.0

176 67.7 0.0 140.2

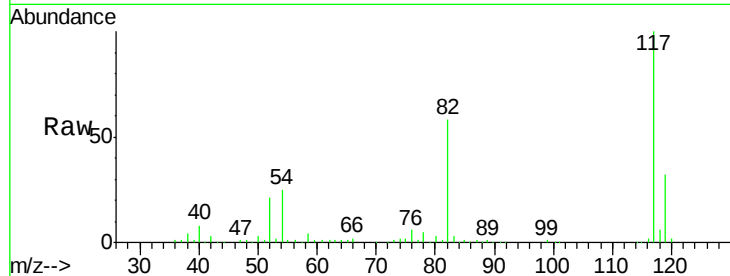




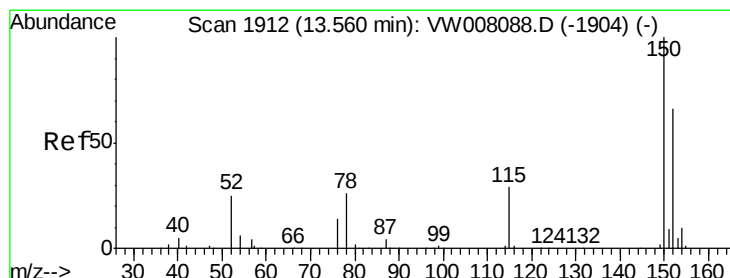
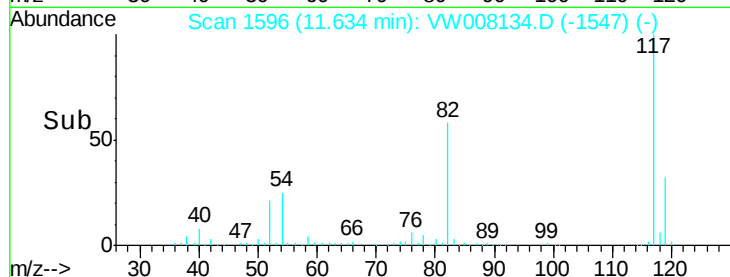
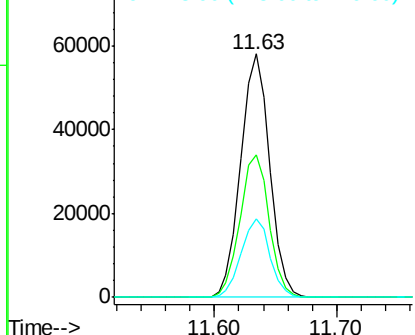
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008134.D
Acq: 10 Jan 2019 06:45

Instrument :
MSVOA_W
ClientSampleId :
MH-444-10.0-11.0

Tot Ion:117 Resp: 95552
Ion Ratio Lower Upper
117 100
82 58.4 46.4 69.6
119 32.0 24.7 37.1

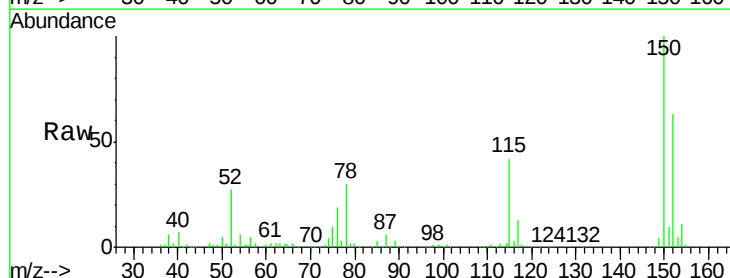


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008134.D
Acq: 10 Jan 2019 06:45

Tgt Ion:152 Resp: 41778
Ion Ratio Lower Upper
152 100
115 62.8 30.8 92.4
150 155.8 0.0 350.2



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

