

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007098.D
 Acq On : 27 Nov 2018 19:43
 Operator : VAY/AP
 Sample : J6083-01
 Misc : 5.81G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1

Quant Time: Nov 28 02:14:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

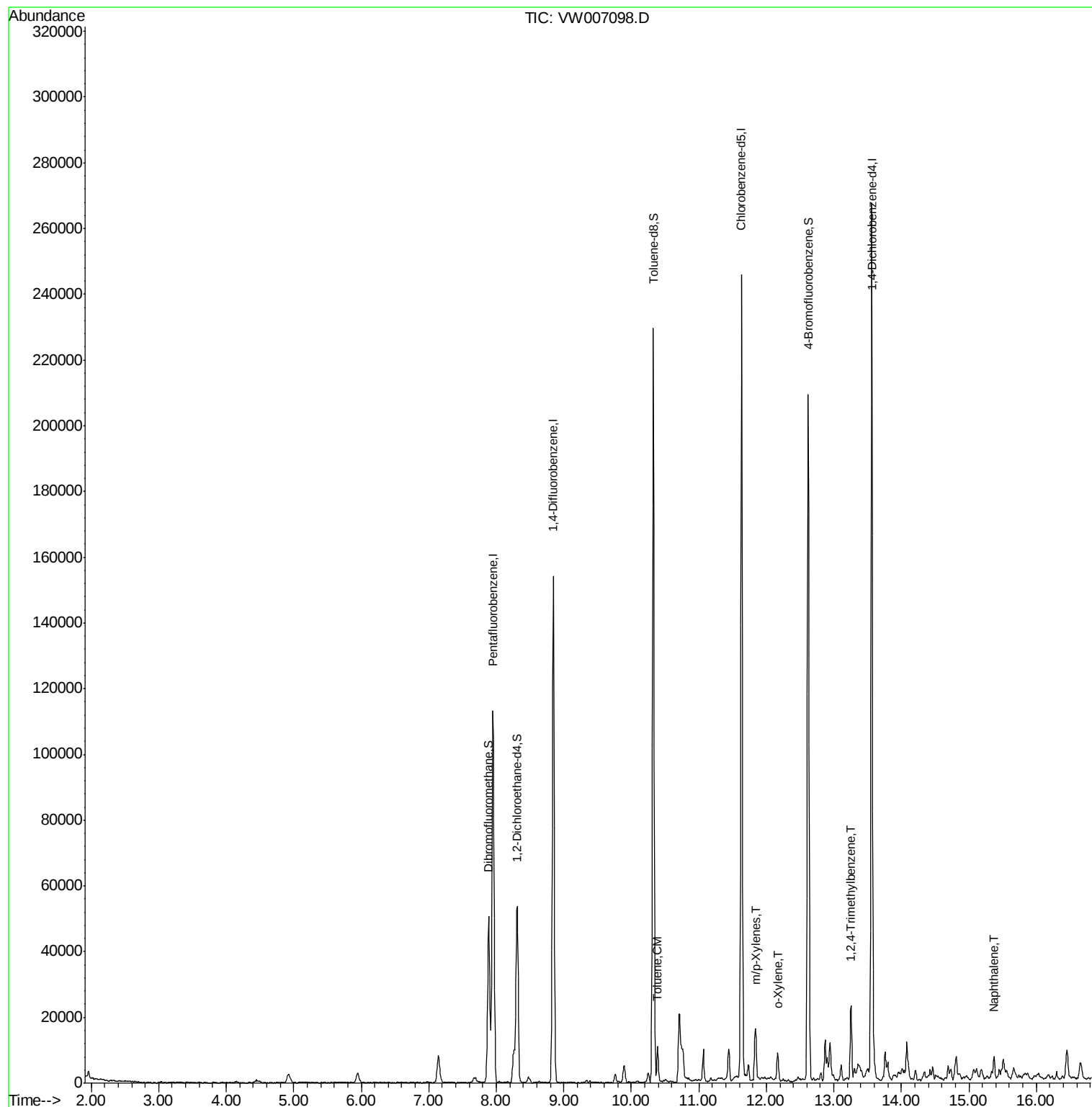
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	133536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44140	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
35) Dibromofluoromethane	7.89	113	37186	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.32	98	158861	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.62	95	65436	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						
52) Toluene	10.39	92	4980	2.08	ug/l	97
68) m/p-Xylenes	11.83	106	5245	2.56	ug/l	96
69) o-Xylene	12.17	106	2304	1.19	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	12965	2.80	ug/l	97
95) Naphthalene	15.37	128	5993	2.42	ug/l	97

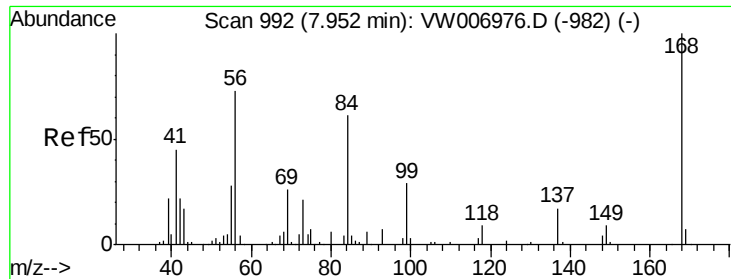
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007098.D

Acq: 27 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampled :

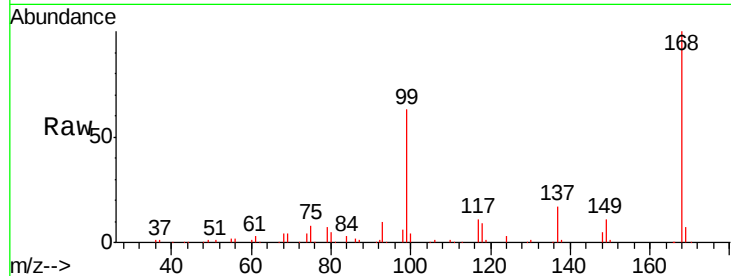
WC-1

Tgt Ion:168 Resp: 82620

Ion Ratio Lower Upper

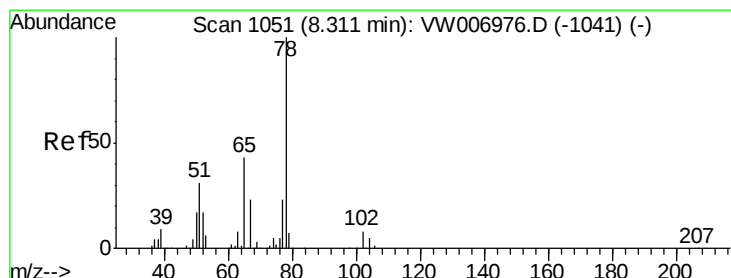
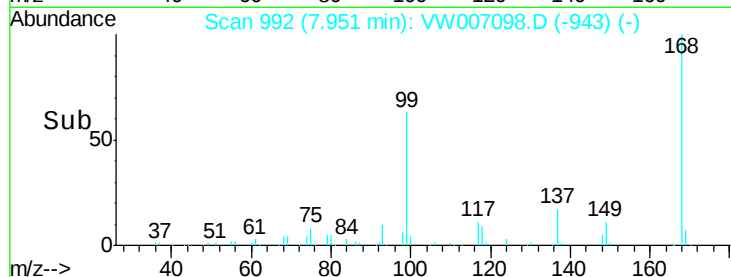
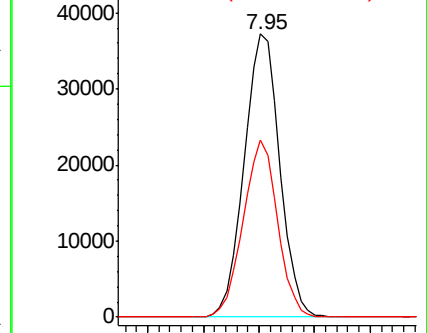
168 100

99 62.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.57 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007098.D

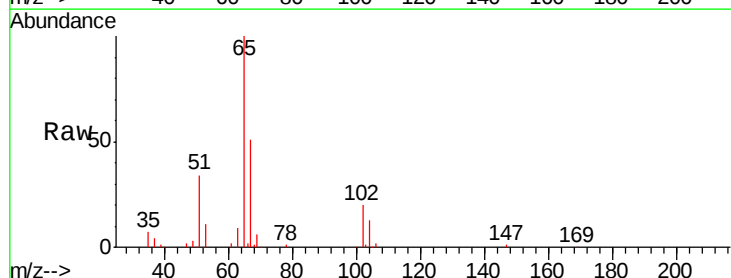
Acq: 27 Nov 2018 19:43

Tgt Ion: 65 Resp: 44140

Ion Ratio Lower Upper

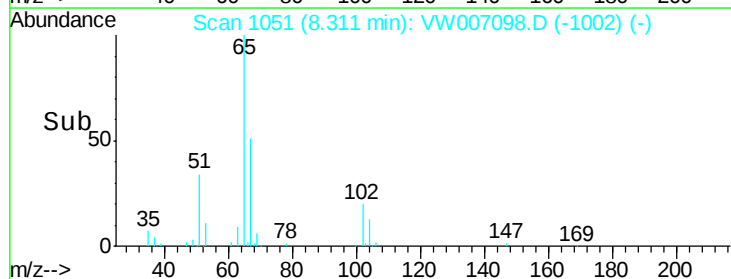
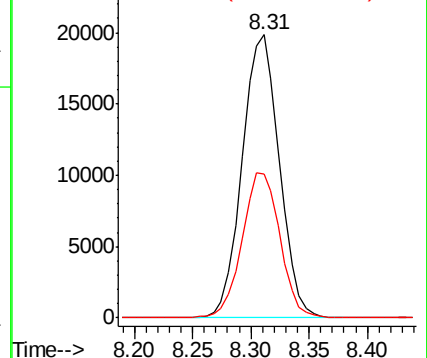
65 100

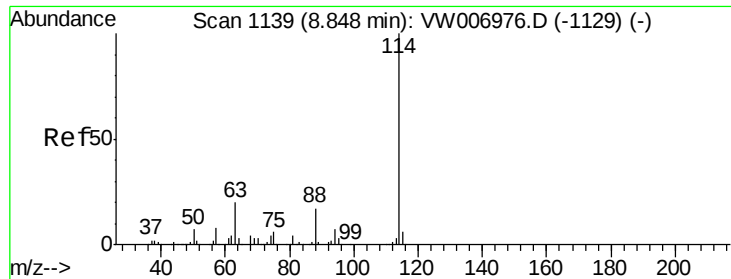
67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

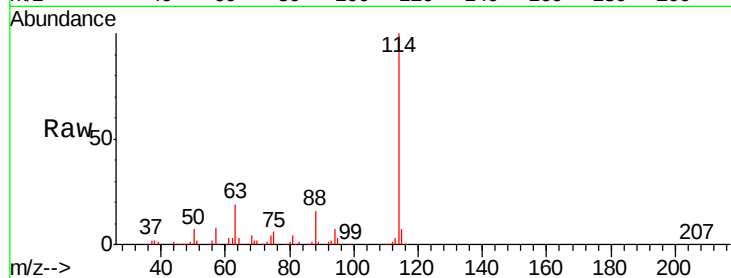




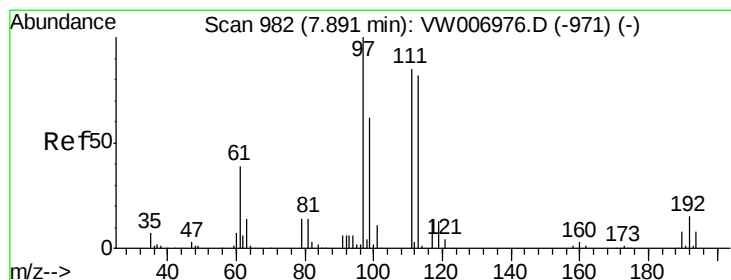
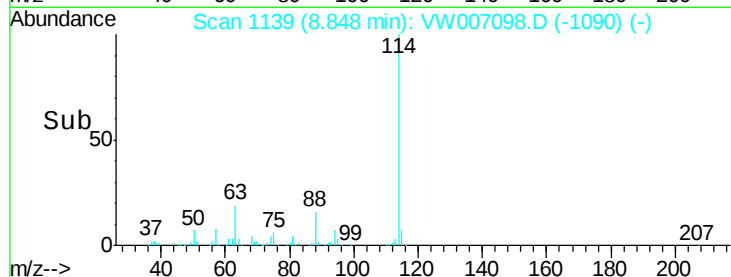
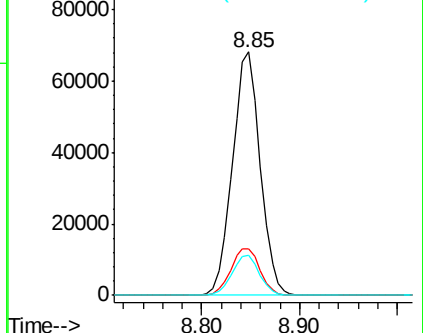
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007098.D
 Acq: 27 Nov 2018 19:43

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-1

Tgt Ion:114 Resp: 133536
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 16.5 0.0 34.2

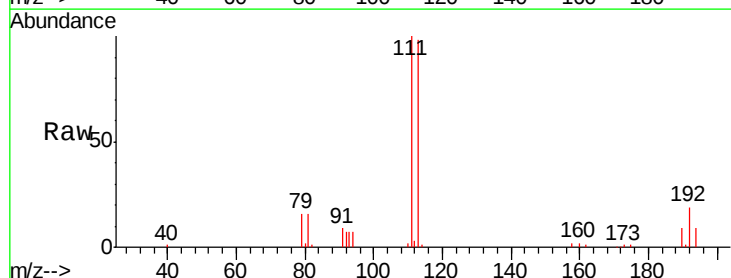


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

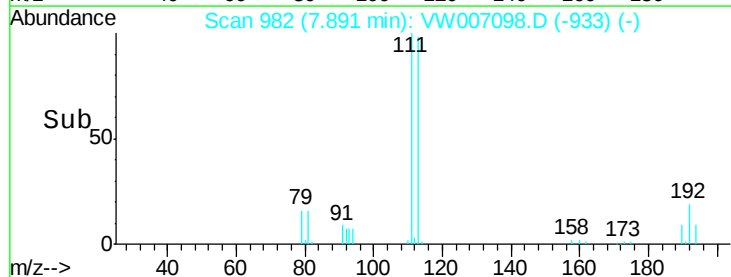
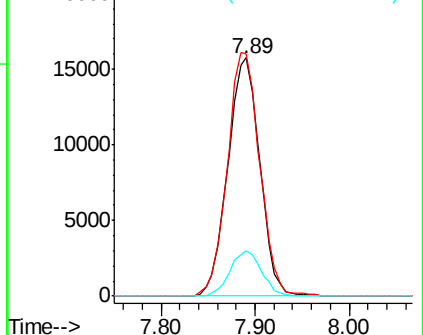


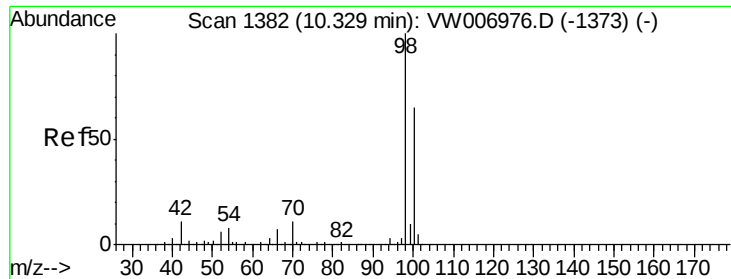
#35
 Dibromofluoromethane
 Concen: 49.31 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007098.D
 Acq: 27 Nov 2018 19:43

Tgt Ion:113 Resp: 37186
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.0 121.6
 192 18.6 15.0 22.6



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: 47.71 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007098.D

Acq: 27 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampled :

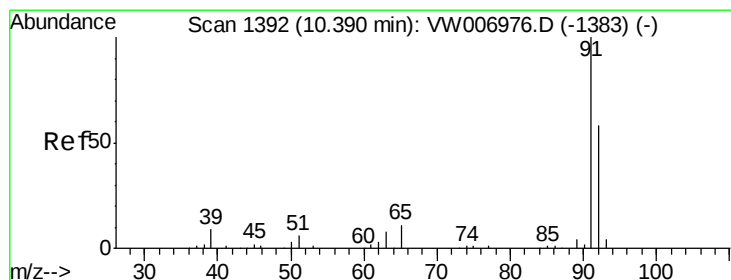
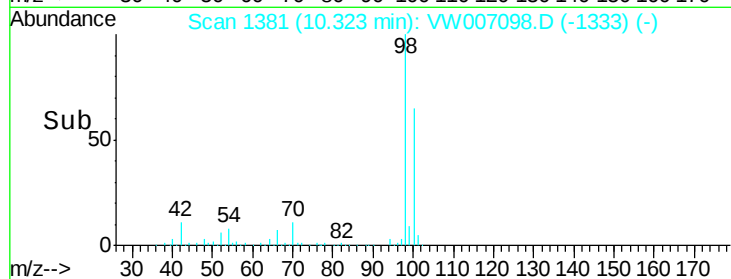
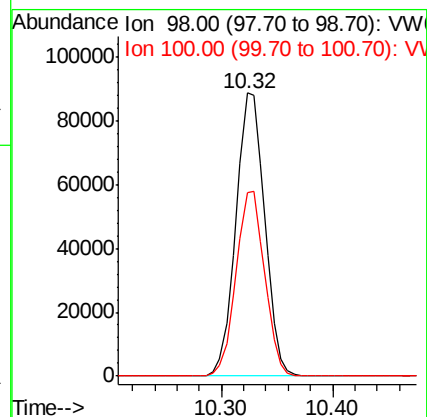
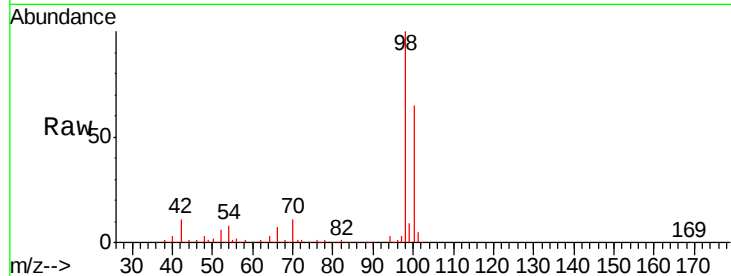
WC-1

Tgt Ion: 98 Resp: 158861

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#52

Toluene

Concen: 2.08 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007098.D

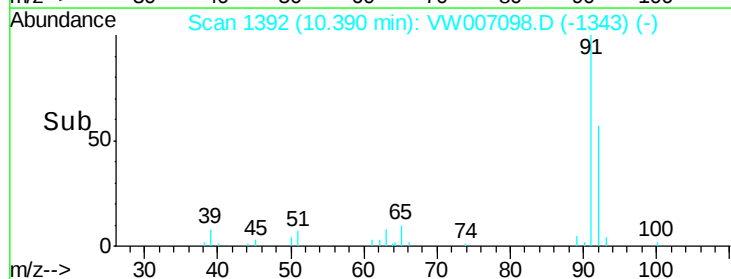
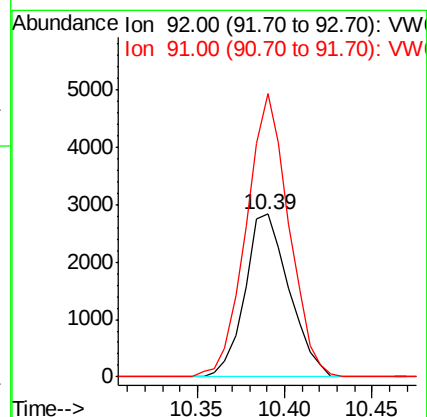
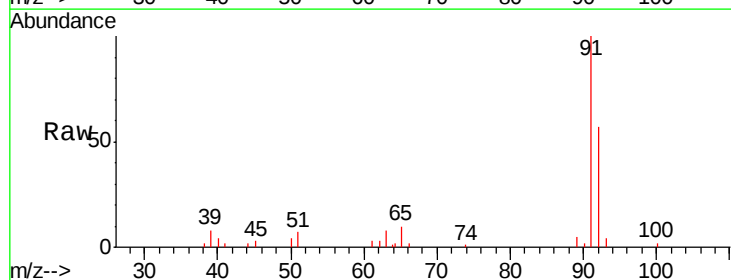
Acq: 27 Nov 2018 19:43

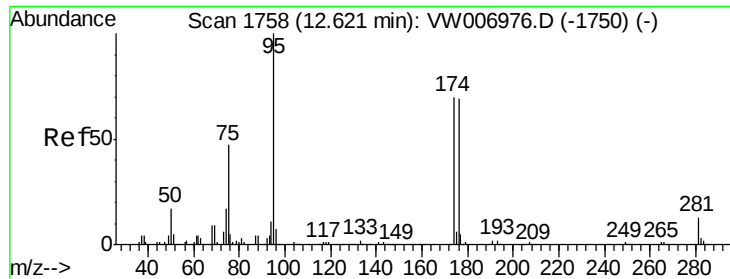
Tgt Ion: 92 Resp: 4980

Ion Ratio Lower Upper

92 100

91 167.7 137.3 205.9

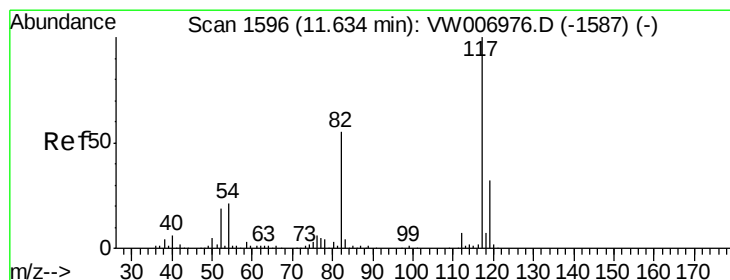
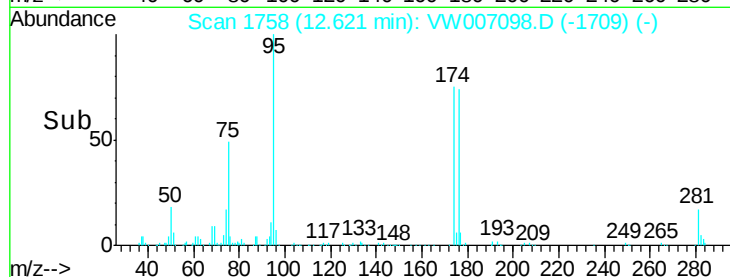
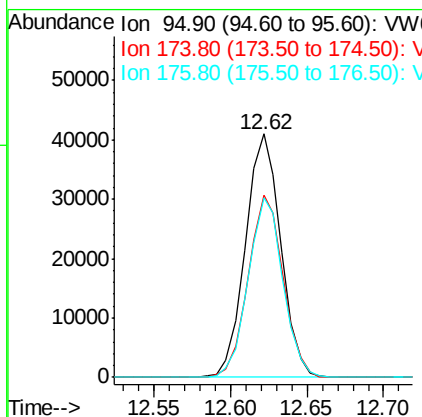
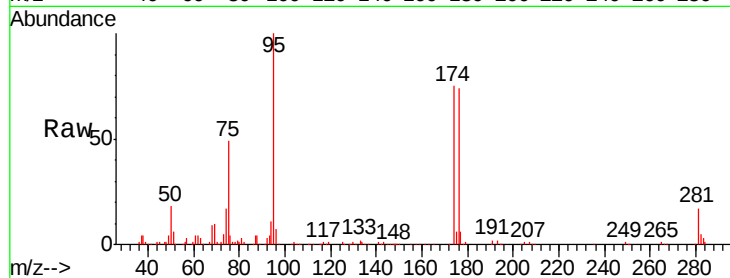




#62
4-Bromofluorobenzene
Concen: 49.93 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007098.D
Acq: 27 Nov 2018 19:43

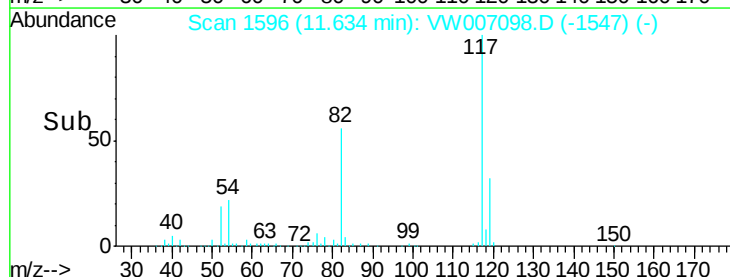
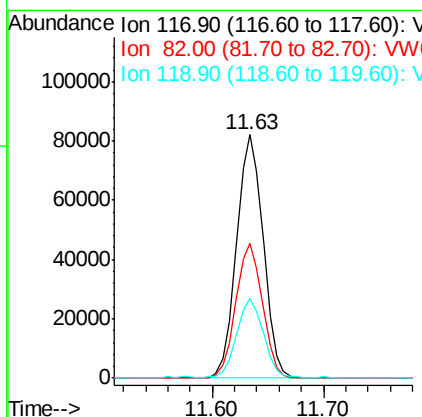
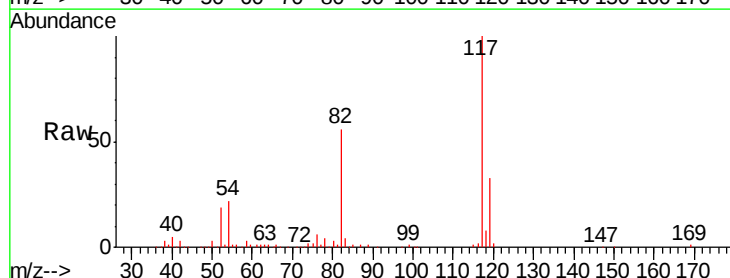
Instrument :
MSVOA_W
ClientSampled :
WC-1

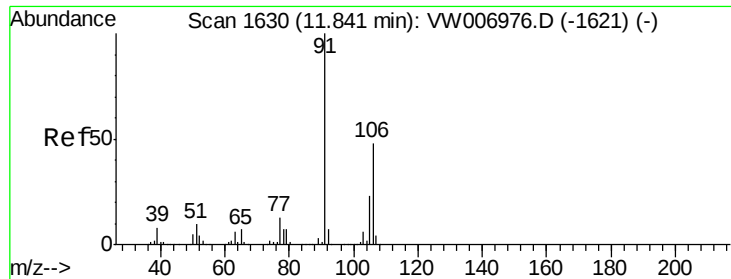
Tgt Ion: 95 Resp: 65436
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.6
176 72.9 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007098.D
Acq: 27 Nov 2018 19:43

Tgt Ion: 117 Resp: 135945
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.2 25.9 38.9

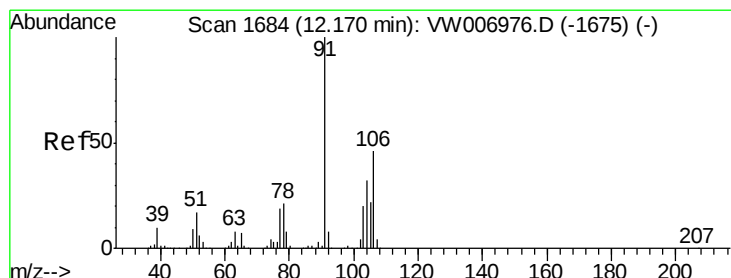
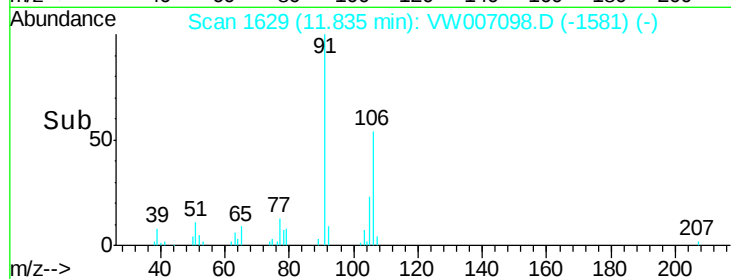
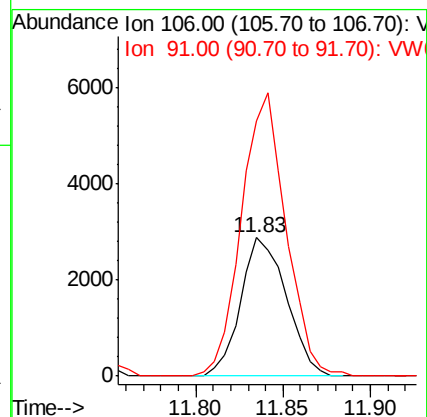
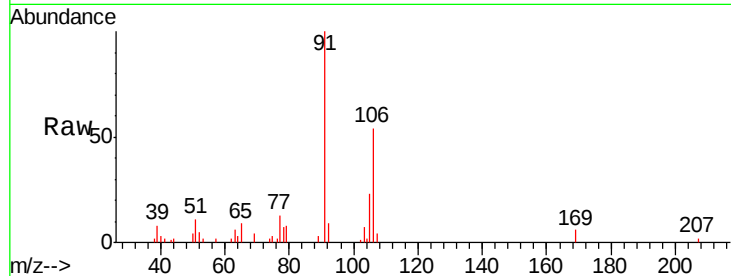




#68
m/p-Xylenes
Concen: 2.56 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007098.D
Acq: 27 Nov 2018 19:43

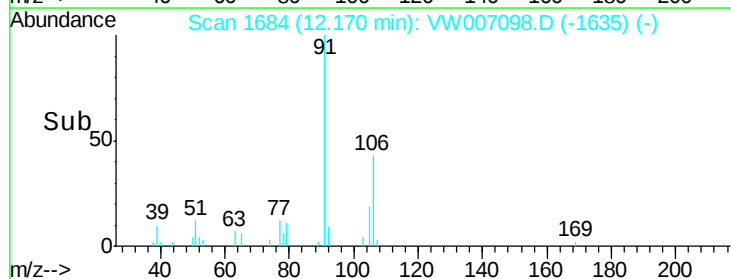
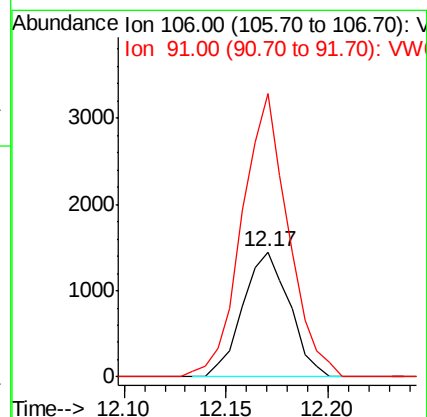
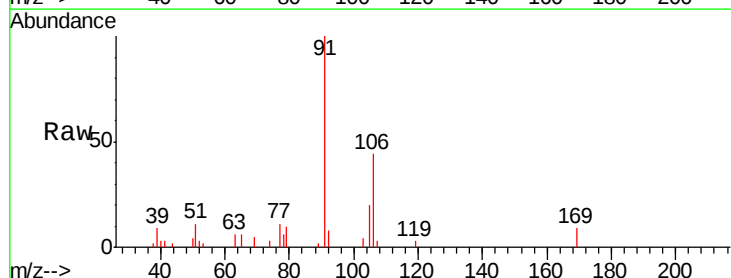
Instrument :
MSVOA_W
ClientSampled :
WC-1

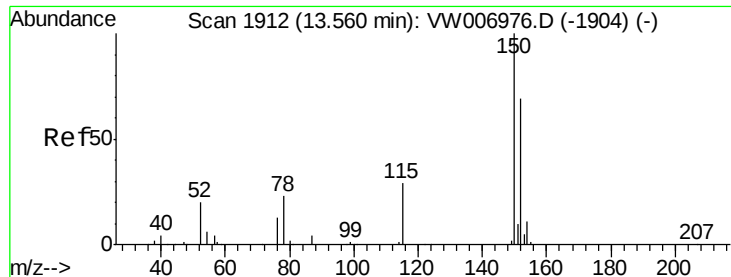
Tgt Ion:106 Resp: 5245
Ion Ratio Lower Upper
106 100
91 199.3 164.8 247.2



#69
o-Xylene
Concen: 1.19 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007098.D
Acq: 27 Nov 2018 19:43

Tgt Ion:106 Resp: 2304
Ion Ratio Lower Upper
106 100
91 224.9 107.9 323.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007098.D

Acq: 27 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampled :

WC-1

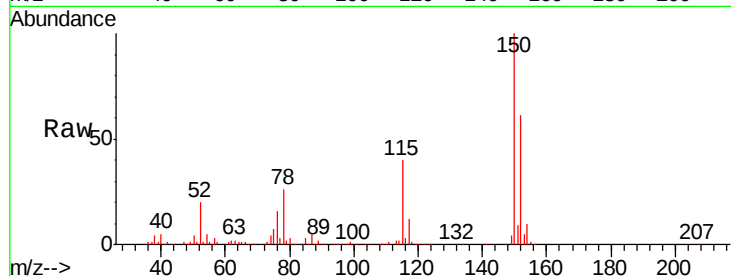
Tgt Ion:152 Resp: 69236

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.2

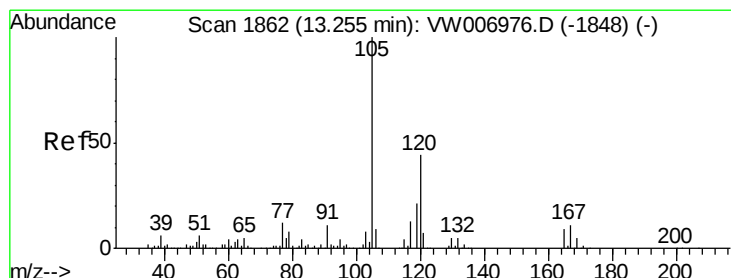
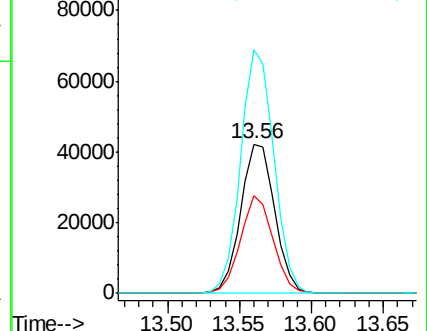
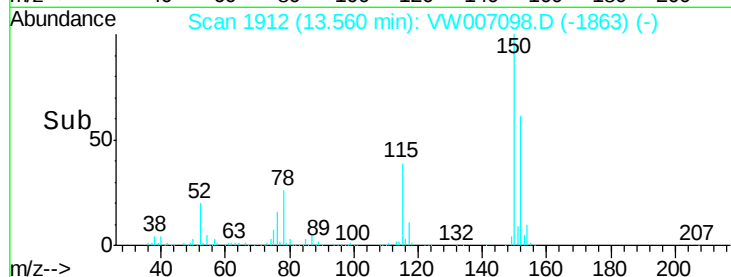
150 159.7 0.0 353.4



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



#84

1,2,4-Trimethylbenzene

Concen: 2.80 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007098.D

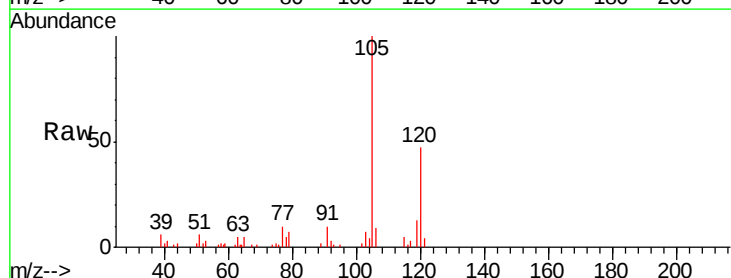
Acq: 27 Nov 2018 19:43

Tgt Ion:105 Resp: 12965

Ion Ratio Lower Upper

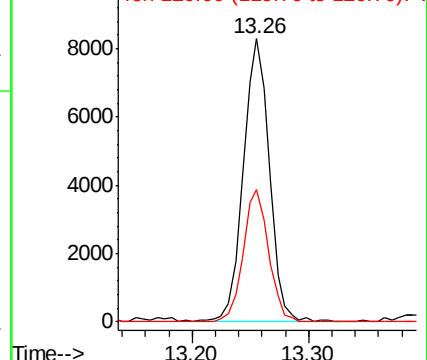
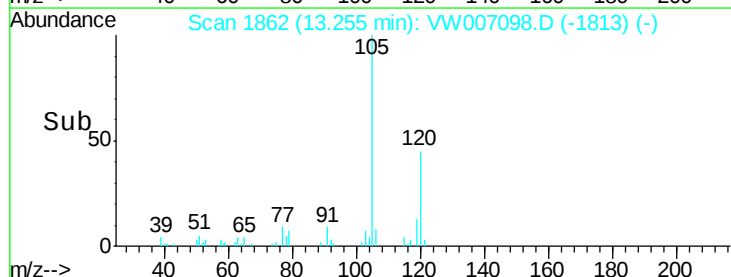
105 100

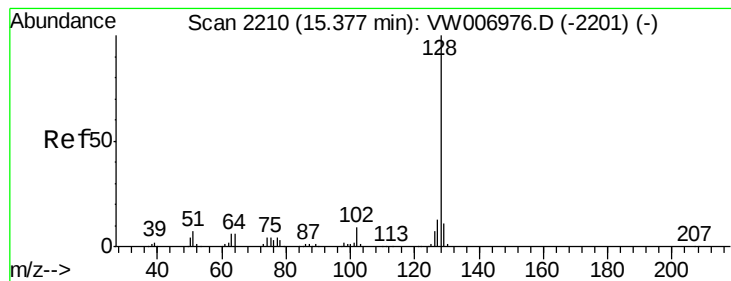
120 45.2 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.42 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007098.D

Acq: 27 Nov 2018 19:43

Instrument :

MSVOA_W

ClientSampleId :

WC-1

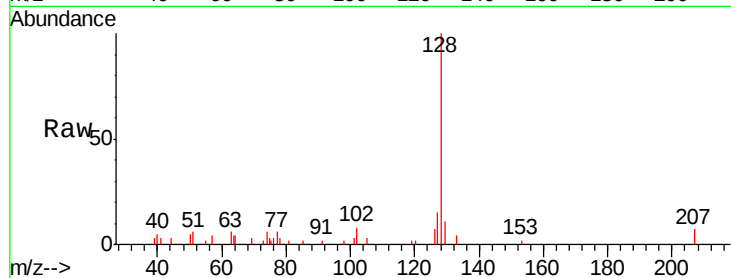
Tgt Ion:128 Resp: 5993

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

129 12.0 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

