

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
 Data File : VW007778.D
 Acq On : 21 Dec 2018 07:22
 Operator : SY/AP
 Sample : J6389-03
 Misc : 6.49G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-1218-01

Quant Time: Dec 21 10:07:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

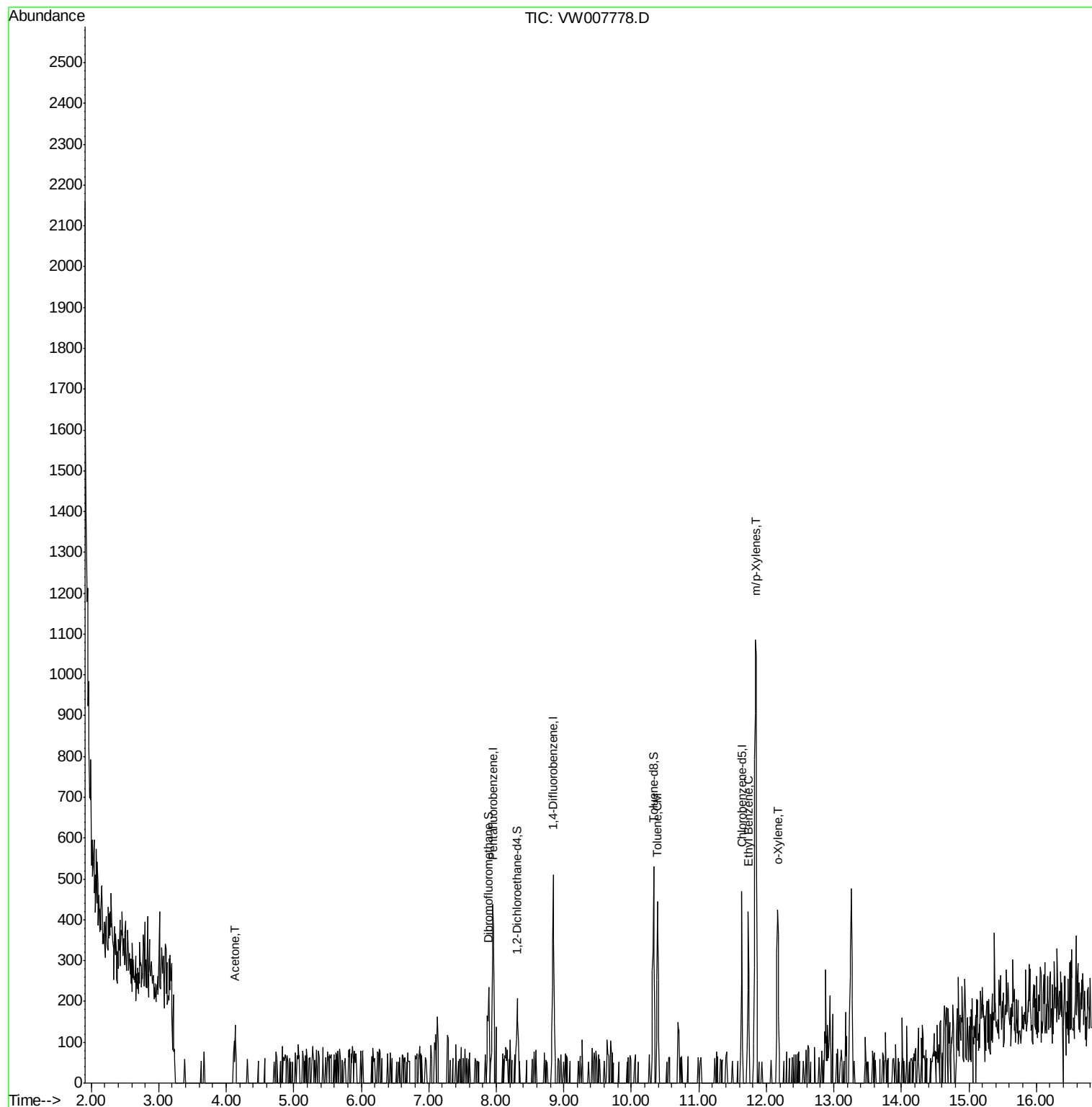
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	457	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	242	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	7.90	113	164	38.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.70%	
50) Toluene-d8	10.33	98	528	32.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.50%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
16) Acetone	4.14	43	213	227.086	ug/l #	48
52) Toluene	10.40	92	237	19.565	ug/l	82
67) Ethyl Benzene	11.73	91	342	32.196	ug/l #	73
68) m/p-Xylenes	11.83	106	540	131.049	ug/l	90
69) o-Xylene	12.17	106	158	40.906	ug/l	40

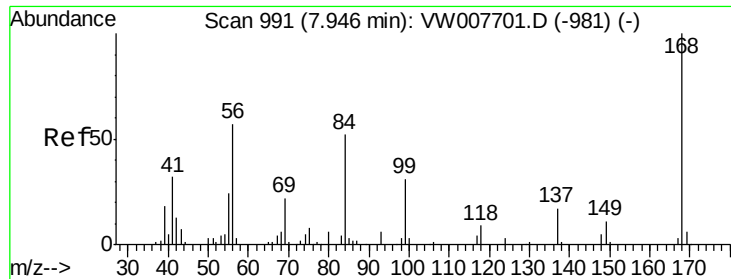
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122218\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007778.D

Acq: 21 Dec 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

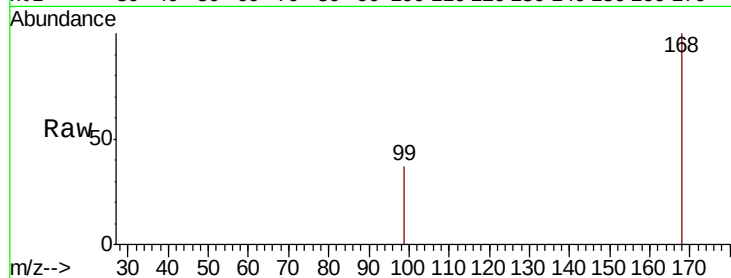
P001-SS012-1218-01

Tot Ion:168 Resp: 457

Ion Ratio Lower Upper

168 100

99 36.6 54.0 81.0#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250

200

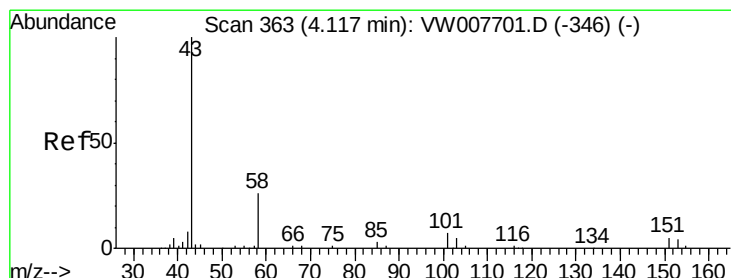
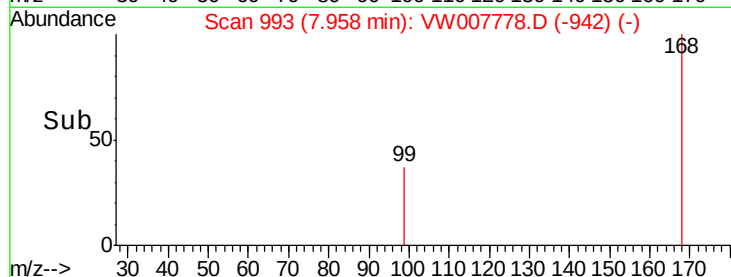
150

100

50

0

Time-->



#16

Acetone

Concen: 227.086 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007778.D

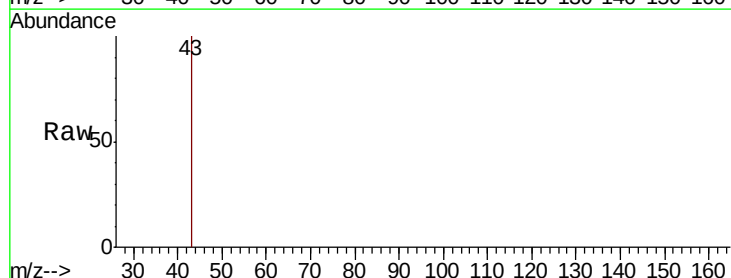
Acq: 21 Dec 2018 07:22

Tgt Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

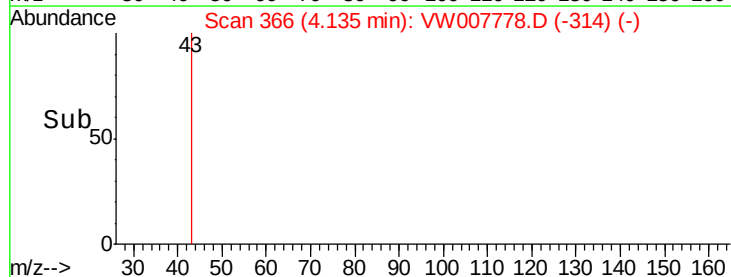
150

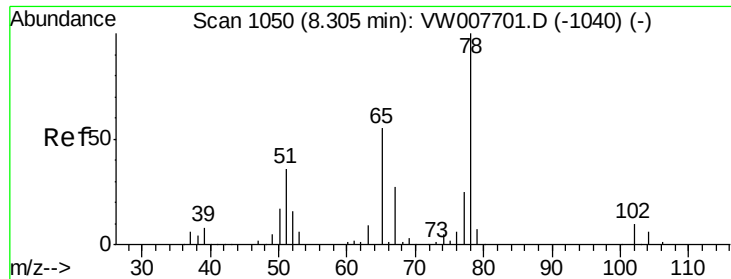
100

50

0

Time-->

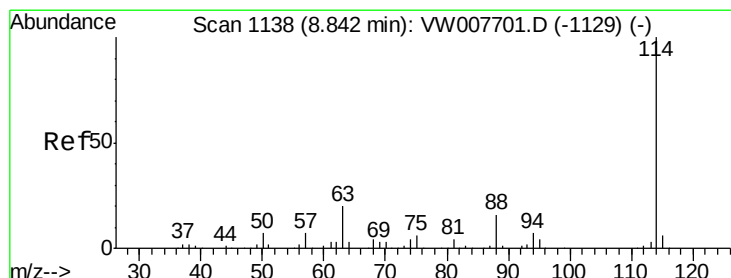
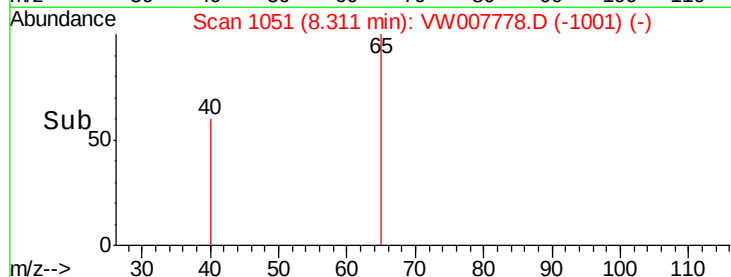
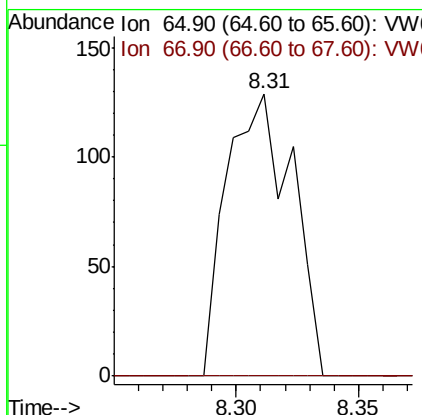
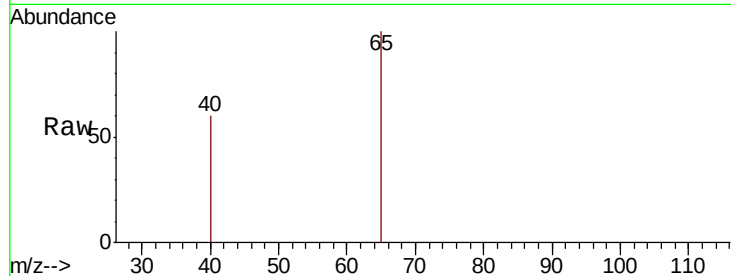




#33
 1,2-Dichloroethane-d4
 Concen: 48.314 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW007778.D
 Acq: 21 Dec 2018 07:22

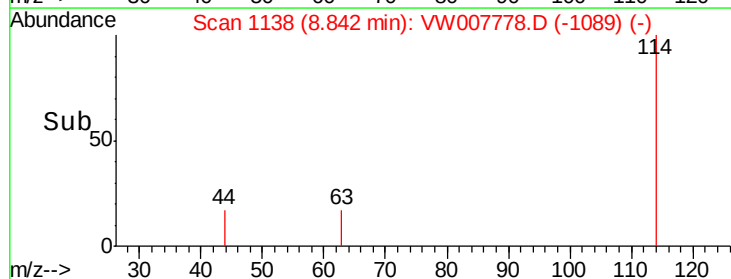
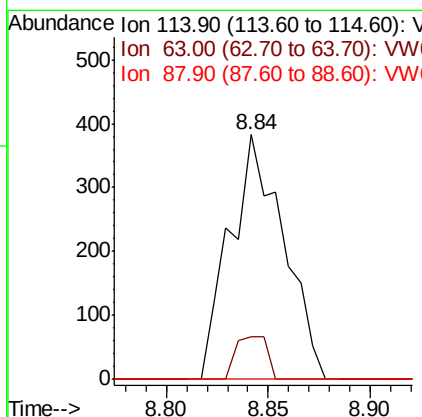
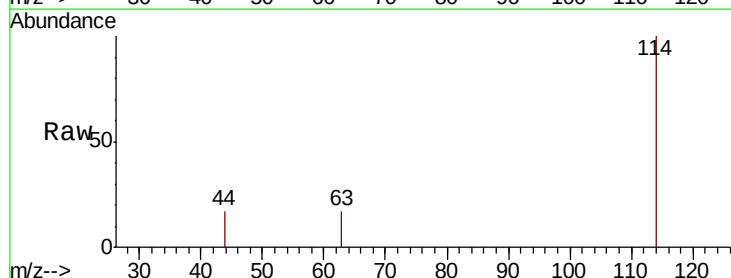
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-1218-01

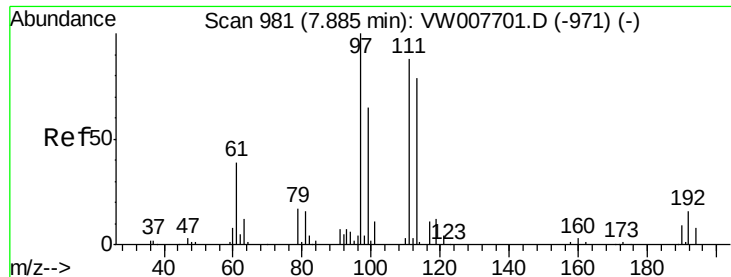
Tot Ion: 65 Resp: 242
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007778.D
 Acq: 21 Dec 2018 07:22

Tgt Ion: 114 Resp: 701
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 40.0
 88 0.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 38.350 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW007778.D

Acq: 21 Dec 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

P001-SS012-1218-01

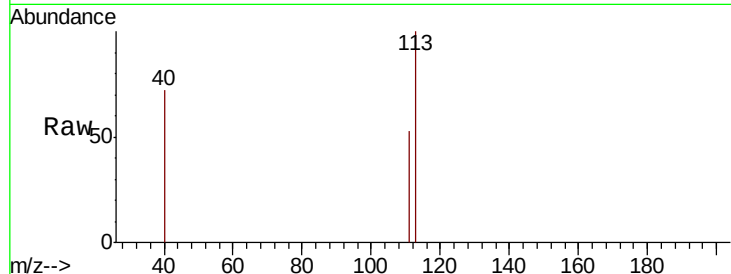
Tot Ion:113 Resp: 164

Ion Ratio Lower Upper

113 100

111 125.6 82.6 124.0#

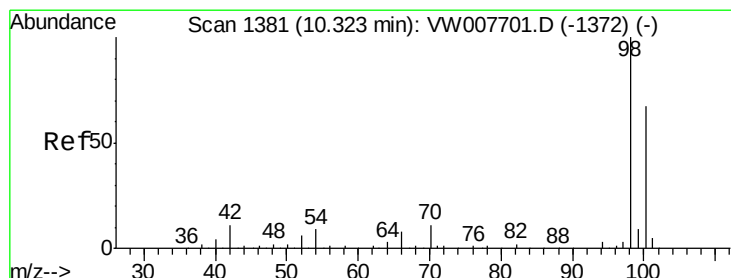
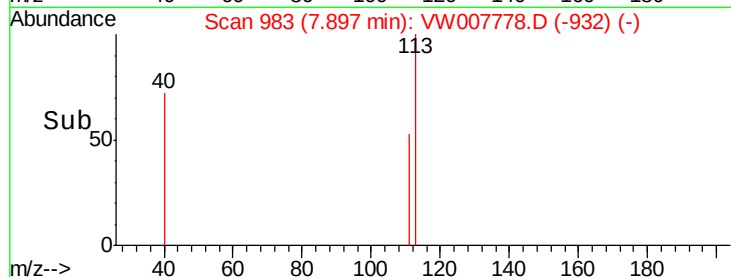
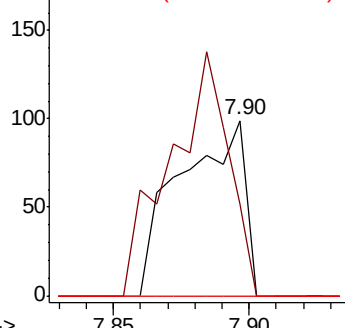
192 0.0 15.5 23.3#



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: 32.751 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007778.D

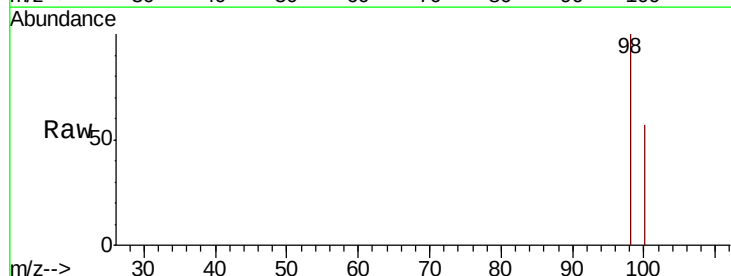
Acq: 21 Dec 2018 07:22

Tgt Ion: 98 Resp: 528

Ion Ratio Lower Upper

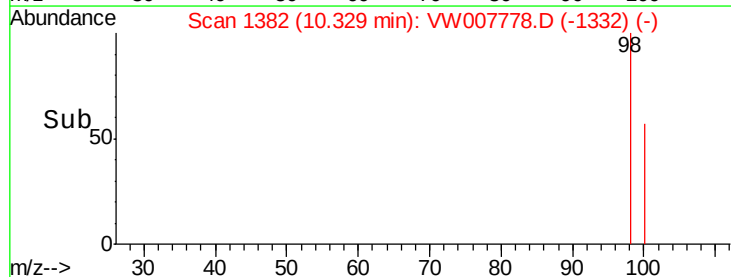
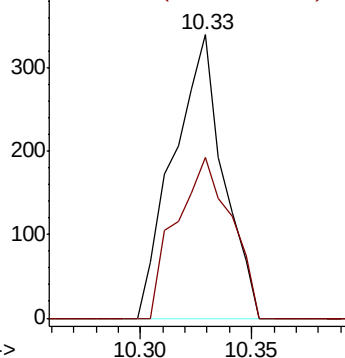
98 100

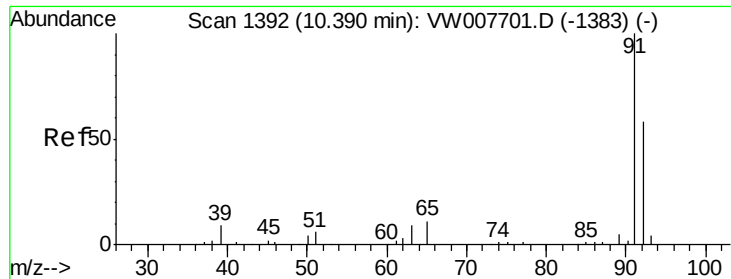
100 62.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 19.565 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007778.D

Acq: 21 Dec 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

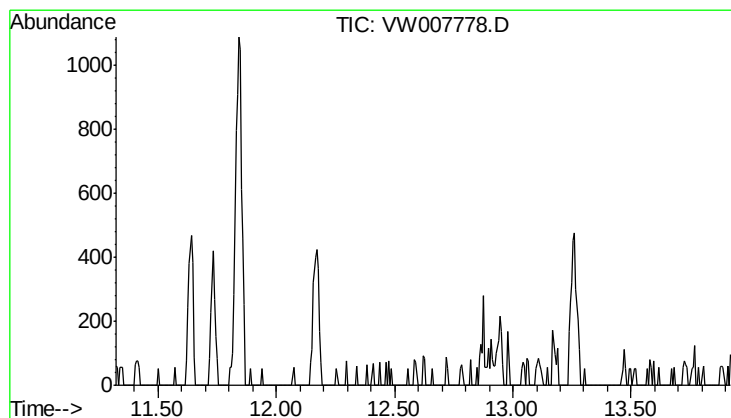
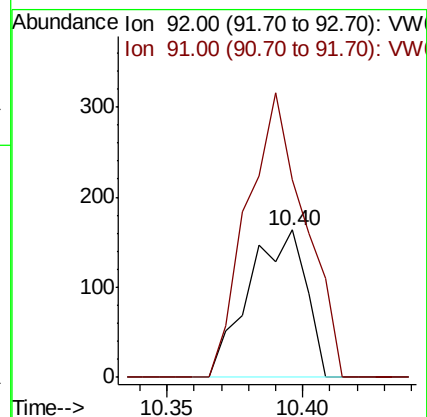
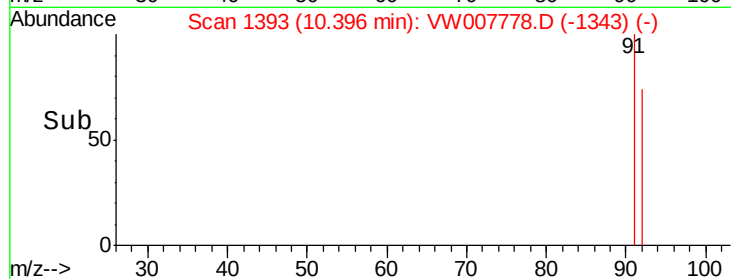
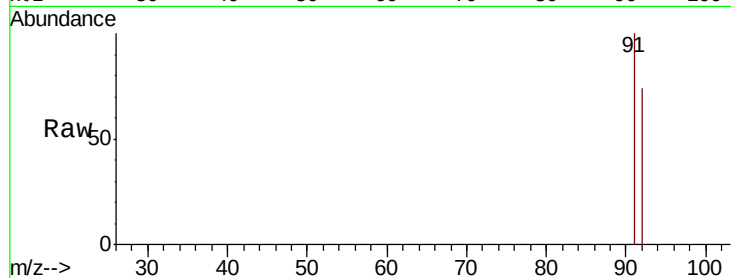
P001-SS012-1218-01

Tot Ion: 92 Resp: 237

Ion Ratio Lower Upper

92 100

91 195.8 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW007778.D

Acq: 21 Dec 2018 07:22

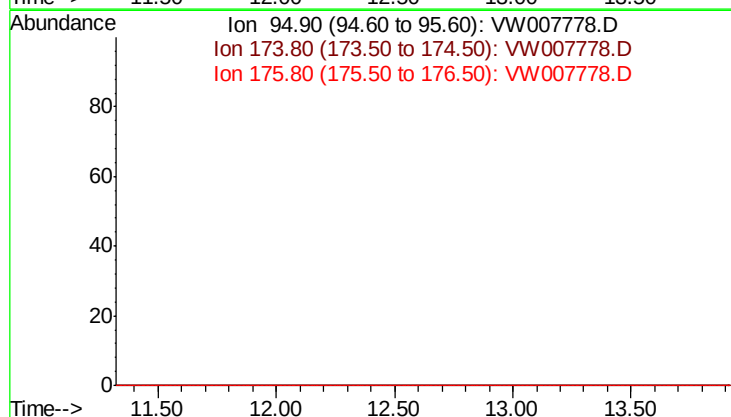
Tgt Ion: 95

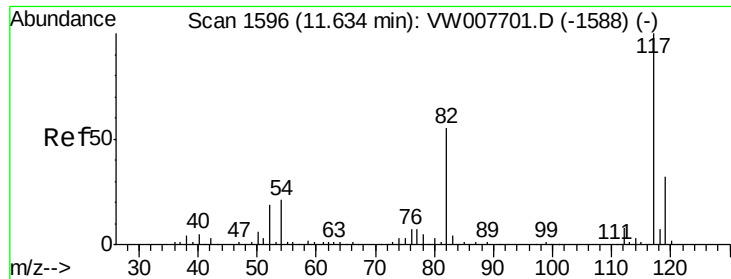
Sig Exp Ratio

95 100

174 76.1

176 73.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW007778.D

Acq: 21 Dec 2018 07:22

Instrument :

MSVOA_W

ClientSampleId :

P001-SS012-1218-01

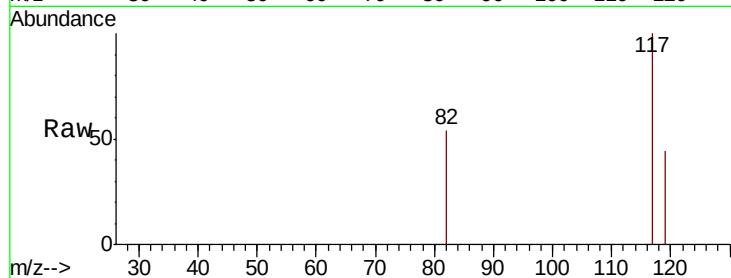
Tot Ion:117 Resp: 286

Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

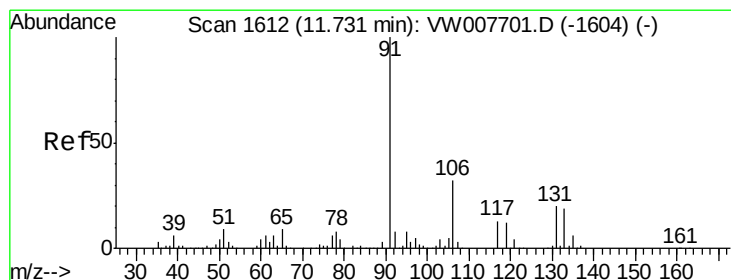
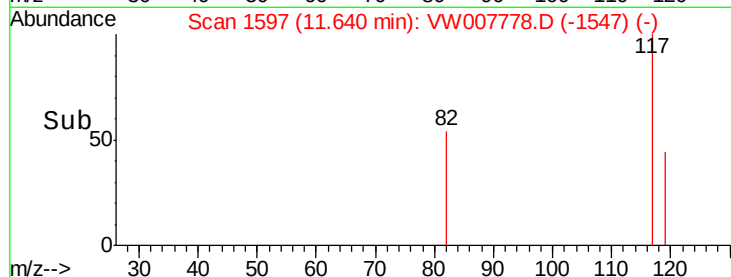
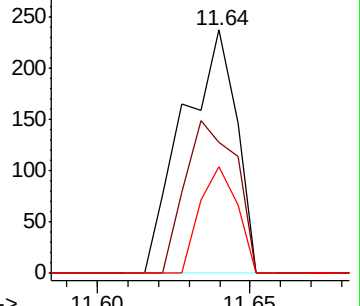
119 43.9 25.7 38.5#



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



#67

Ethyl Benzene

Concen: 32.196 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007778.D

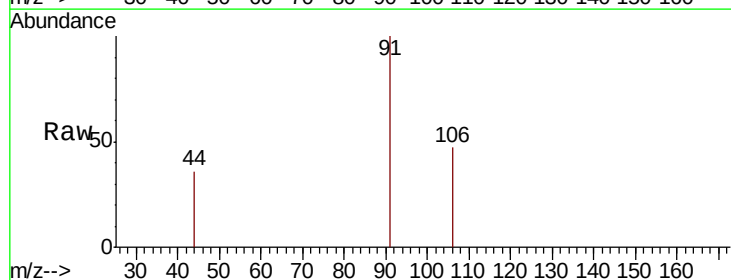
Acq: 21 Dec 2018 07:22

Tgt Ion: 91 Resp: 342

Ion Ratio Lower Upper

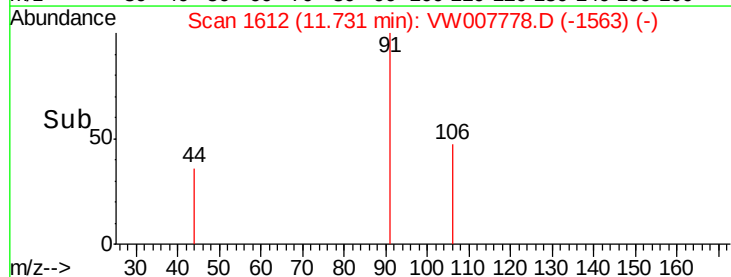
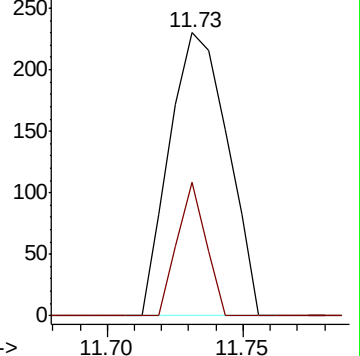
91 100

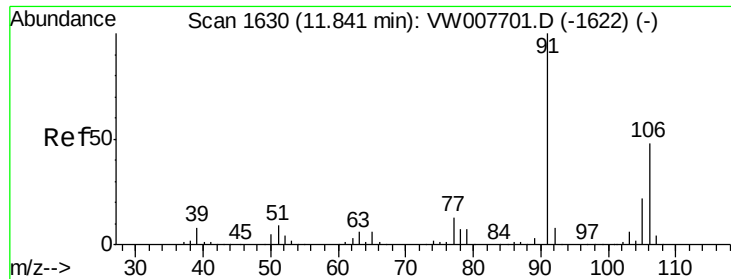
106 47.4 25.8 38.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

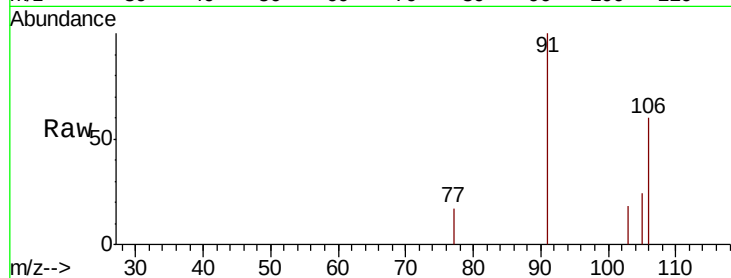




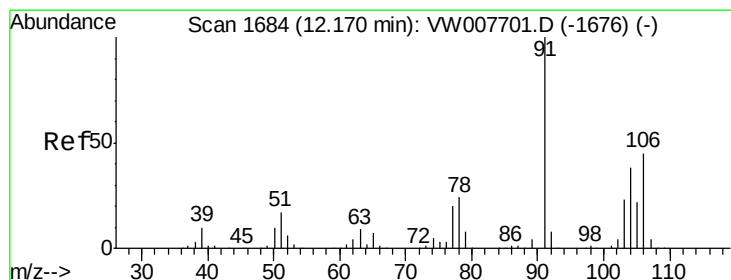
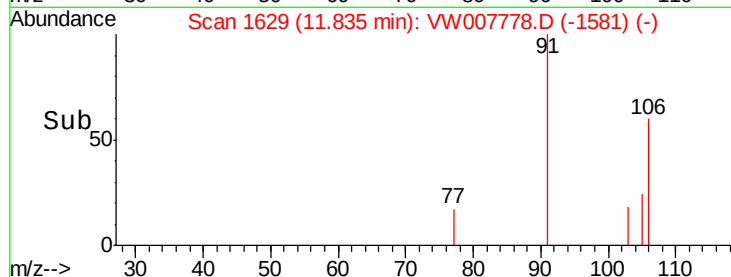
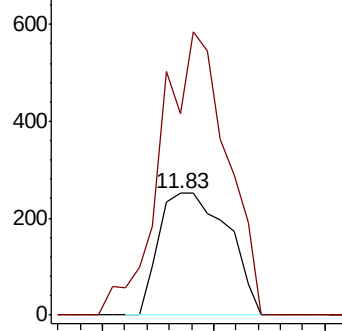
#68
m/p-Xylenes
Concen: 131.049 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007778.D
Acq: 21 Dec 2018 07:22

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1218-01

Tot Ion:106 Resp: 540
Ion Ratio Lower Upper
106 100
91 222.4 165.2 247.8

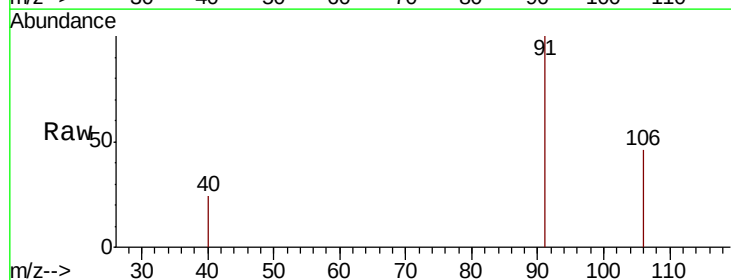


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

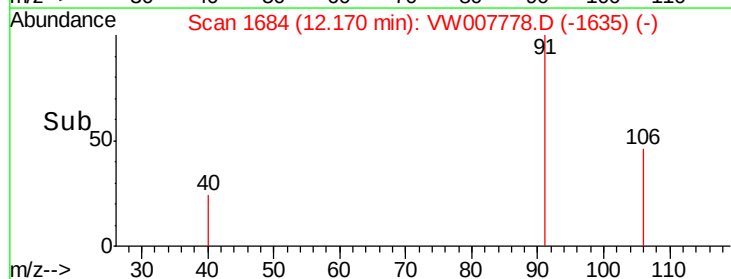
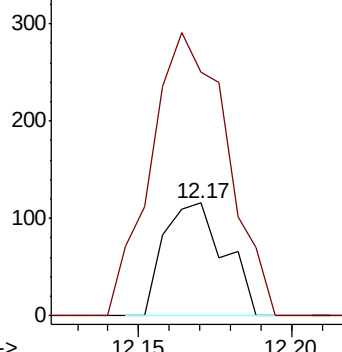


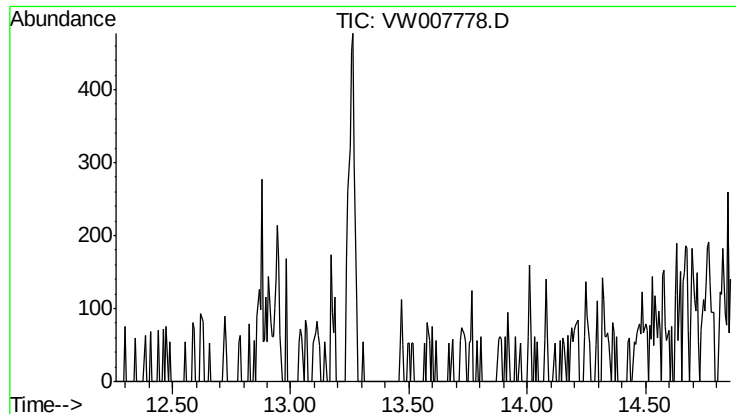
#69
o-Xylene
Concen: 40.906 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007778.D
Acq: 21 Dec 2018 07:22

Tgt Ion:106 Resp: 158
Ion Ratio Lower Upper
106 100
91 317.7 110.5 331.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.56 min
 Lab File: VW007778.D
 Acq: 21 Dec 2018 07:22

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-1218-01

Tot Ion	152
Exp Ratio	100
115	63.6
150	175.4

