

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 10:37:33 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

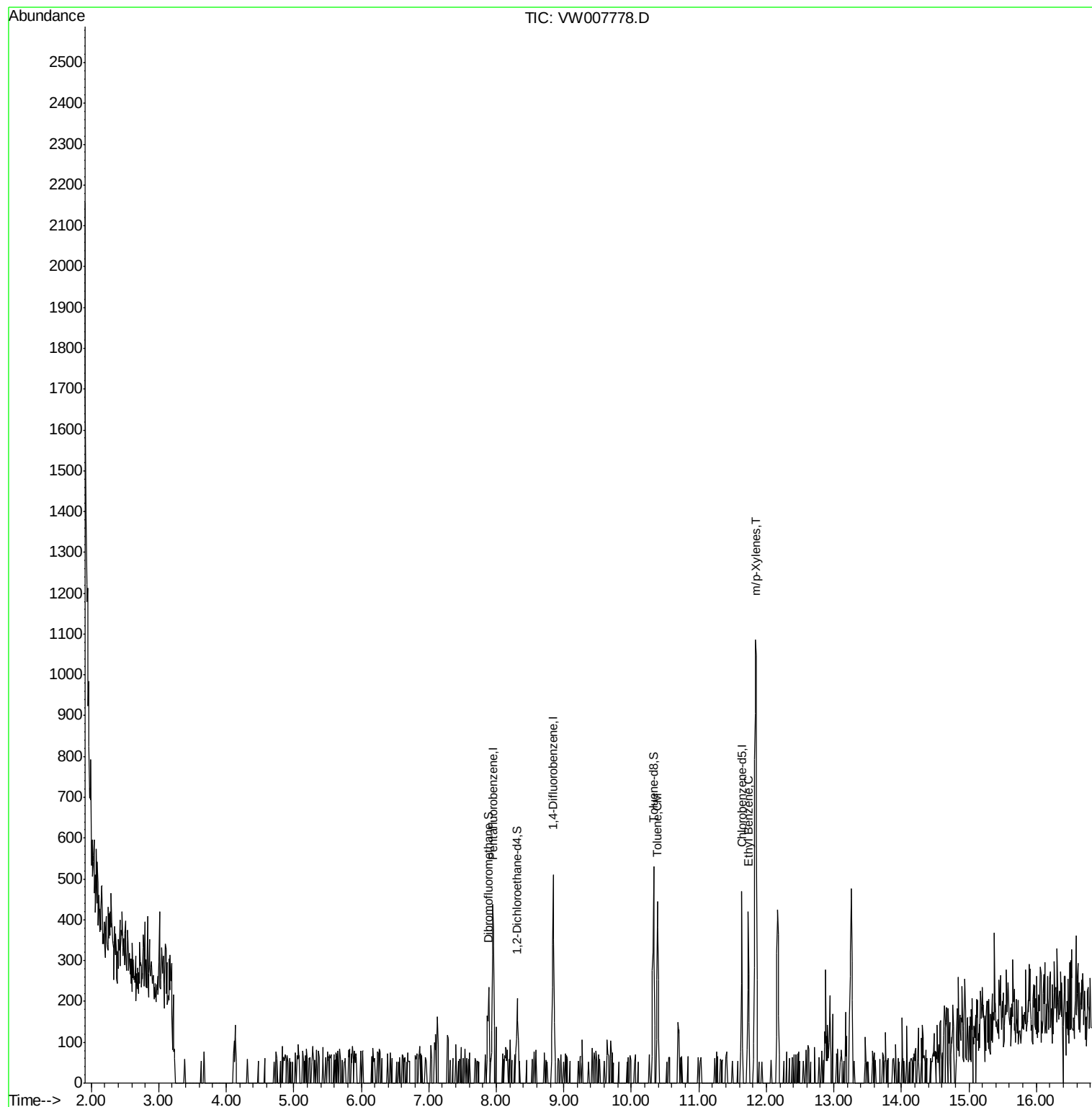
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	457	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.56
System Monitoring Compounds						
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						
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

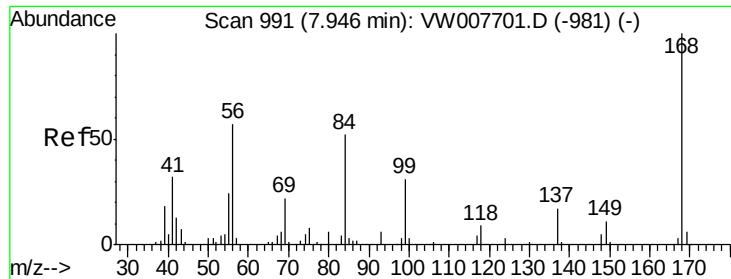
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

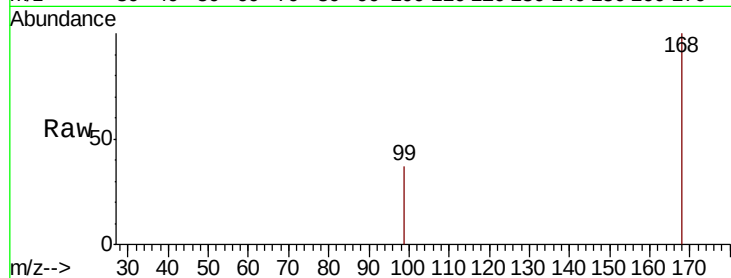
P001-SS012-1218-01

Tgt Ion: 168 Resp: 457

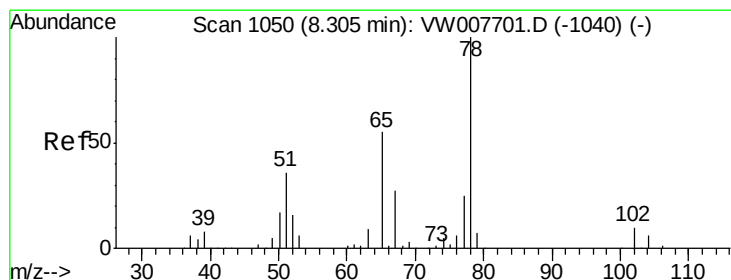
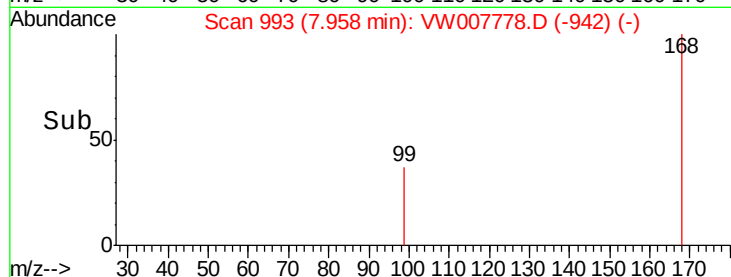
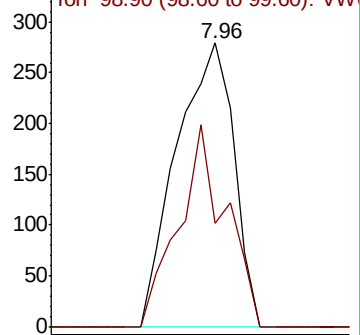
Ion Ratio Lower Upper

168 100

99 36.6 54.0 81.0#



Abundance Ion 167.90 (167.60 to 168.60): V



#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

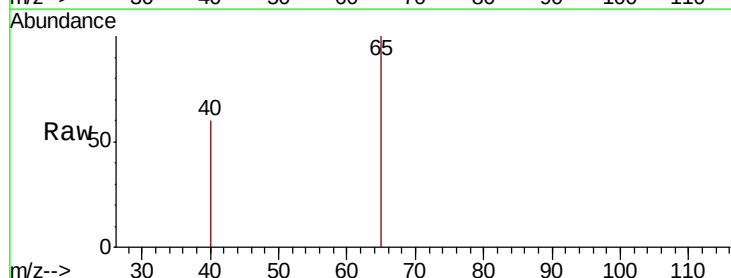
Acq: 21 Dec 2018 07:22

Tgt Ion: 65 Resp: 242

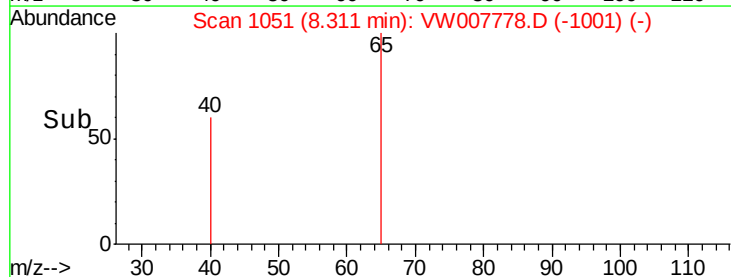
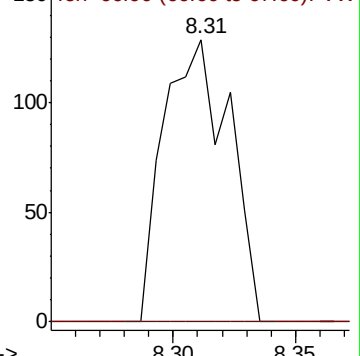
Ion Ratio Lower Upper

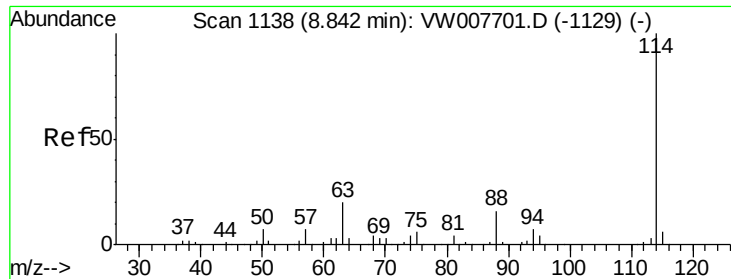
65 100

67 0.0 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

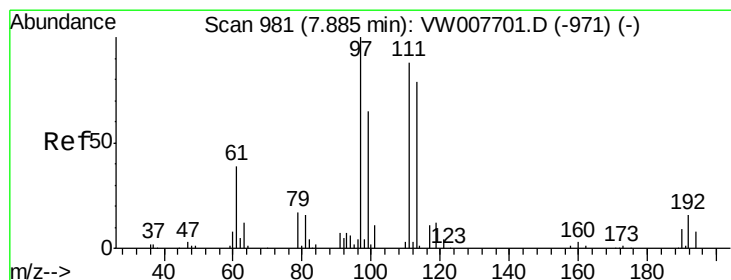
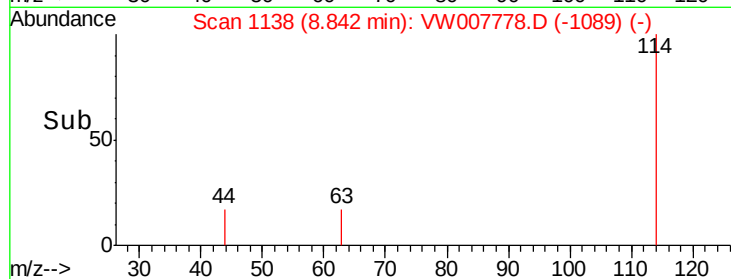
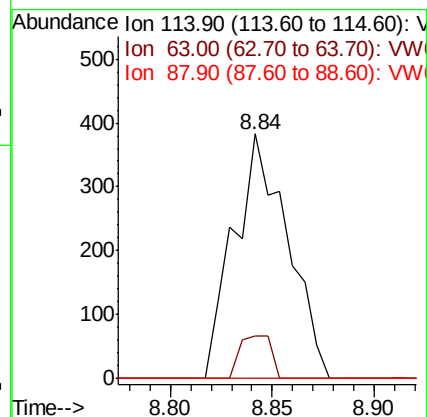
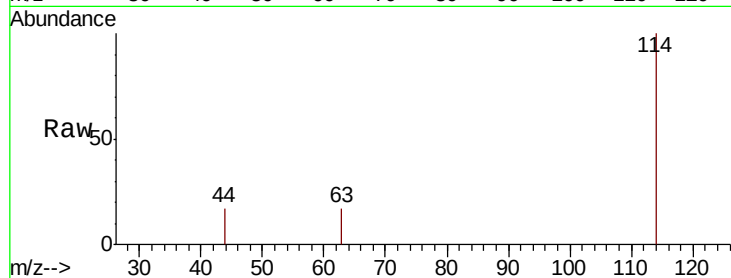




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007778.D
 Acq: 21 Dec 2018 07:22

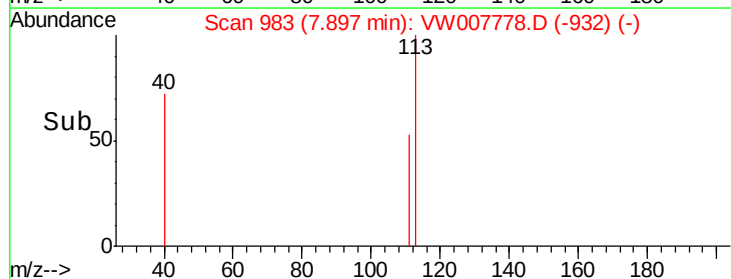
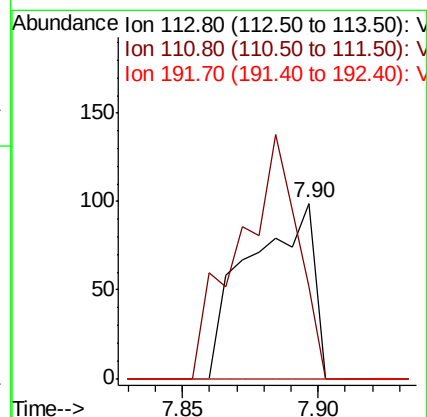
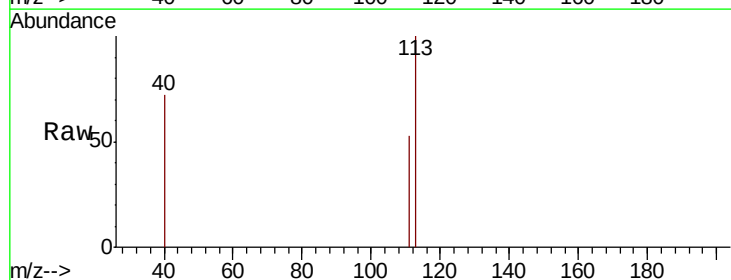
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-1218-01

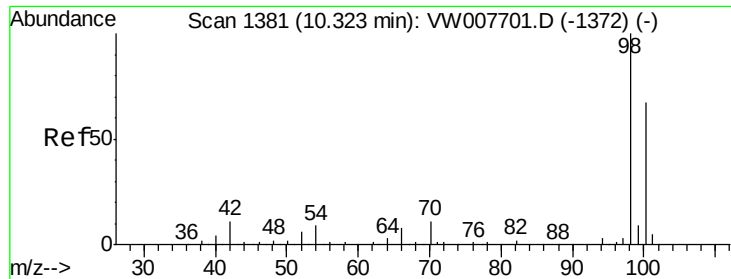
Tgt Ion:114 Resp: 701
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 40.0
 88 0.0 0.0 32.6



#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

Tgt Ion:113 Resp: 164
 Ion Ratio Lower Upper
 113 100
 111 125.6 82.6 124.0#
 192 0.0 15.5 23.3#

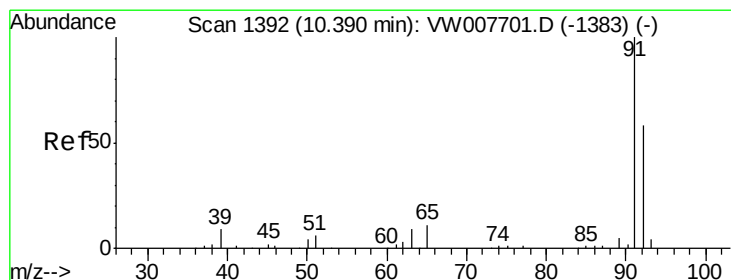
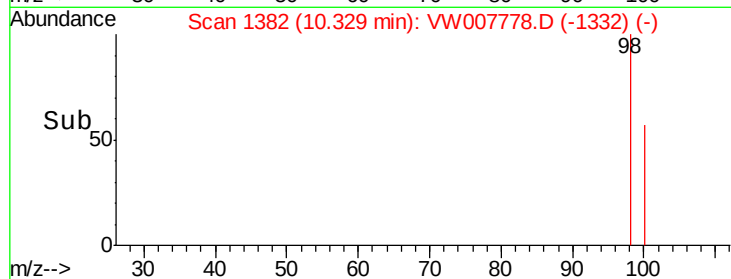
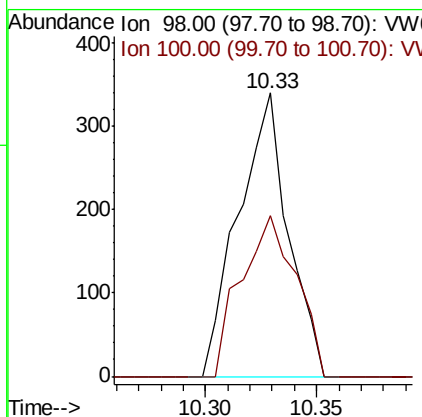
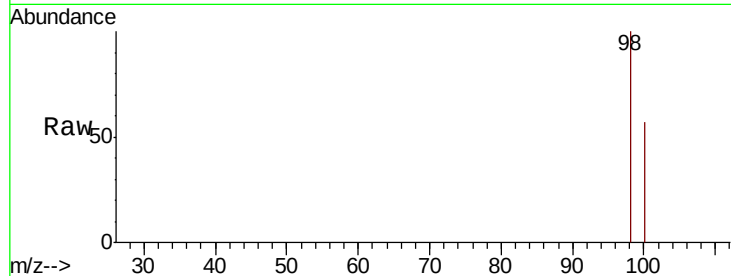




#50
Toluene-d8
Concen: 32.751 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007778.D
Acq: 21 Dec 2018 07:22

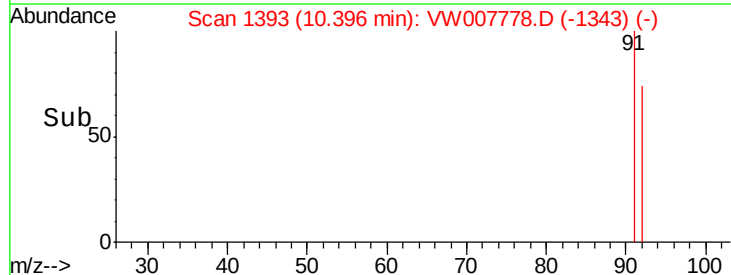
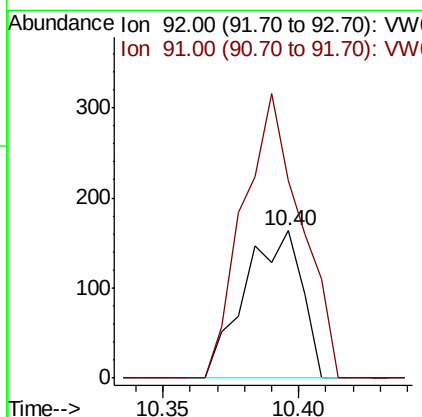
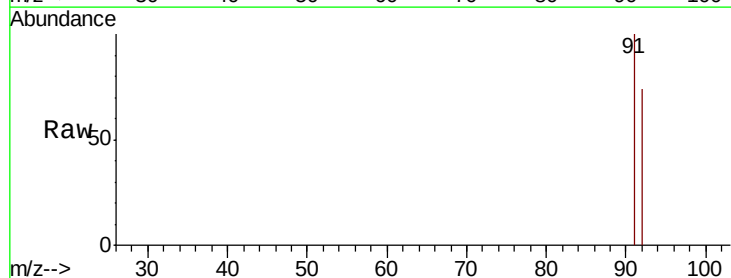
Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1218-01

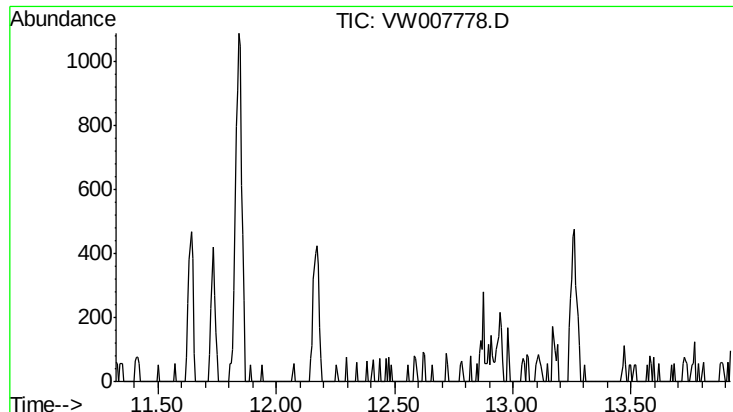
Tgt Ion: 98 Resp: 528
Ion Ratio Lower Upper
98 100
100 62.5 52.2 78.2



#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

Tgt Ion: 92 Resp: 237
Ion Ratio Lower Upper
92 100
91 195.8 137.0 205.4

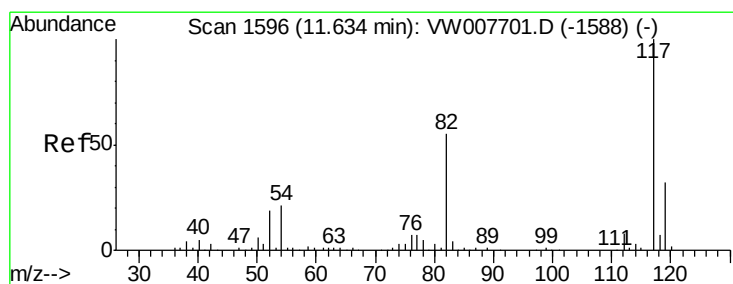
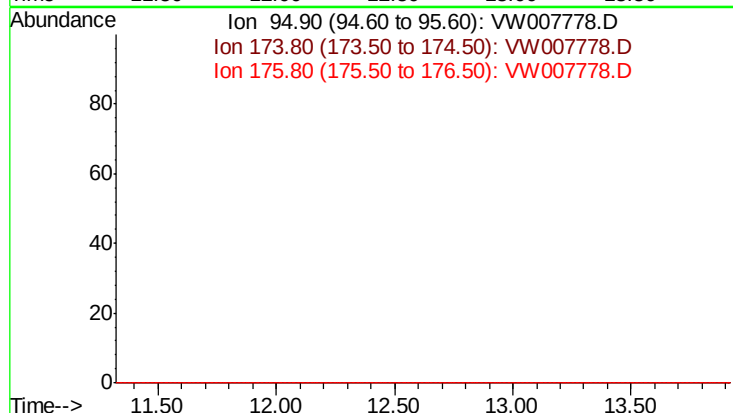




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.62 min
 Lab File: VW007778.D
 Acq: 21 Dec 2018 07:22

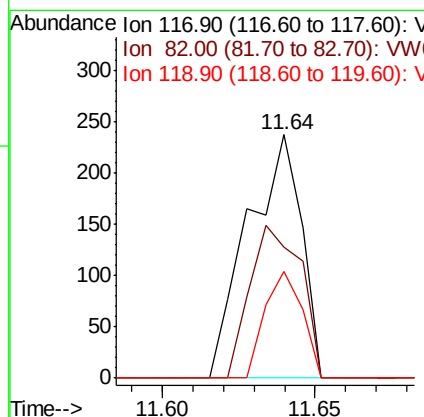
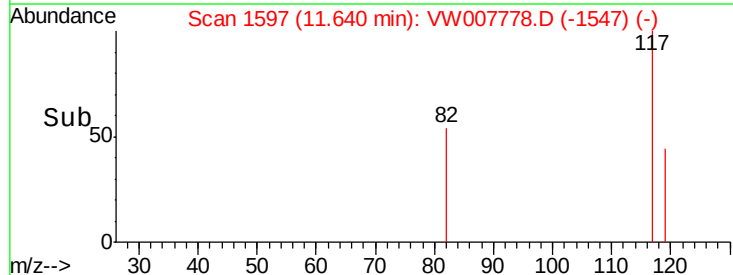
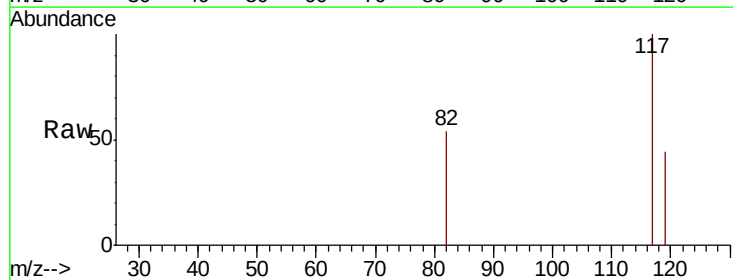
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS012-1218-01

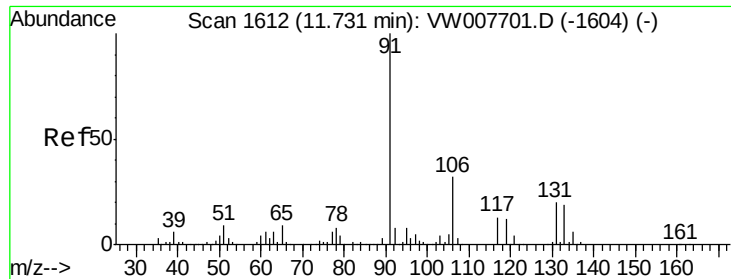
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 76.1
 176 73.4



#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

Tgt Ion: 117 Resp: 286
 Ion Ratio Lower Upper
 117 100
 82 54.0 44.3 66.5
 119 43.9 25.7 38.5#

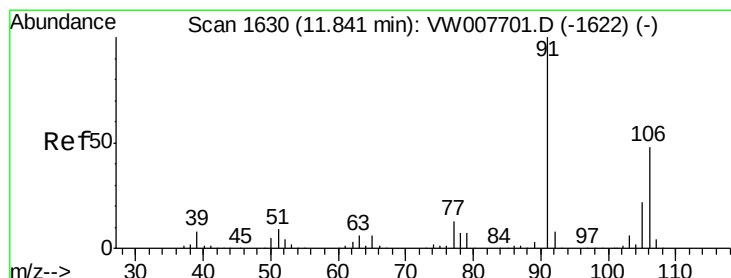
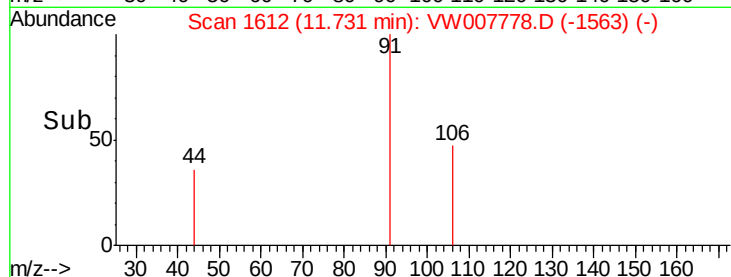
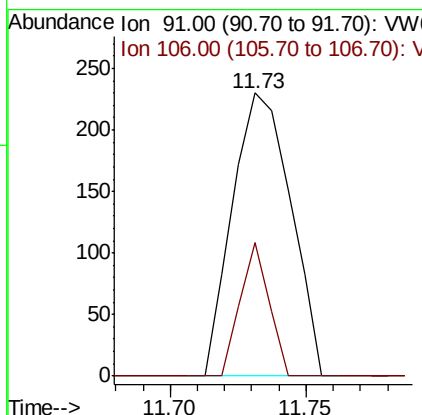
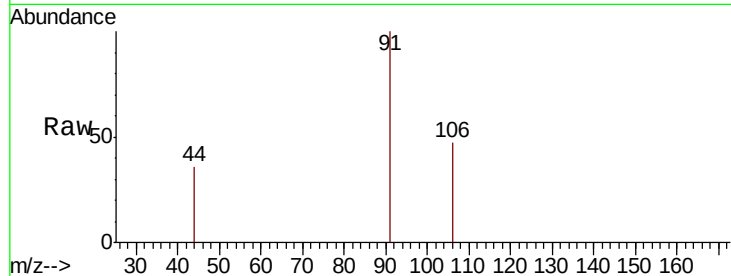




#67
Ethyl Benzene
Concen: 32.196 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007778.D
Acq: 21 Dec 2018 07:22

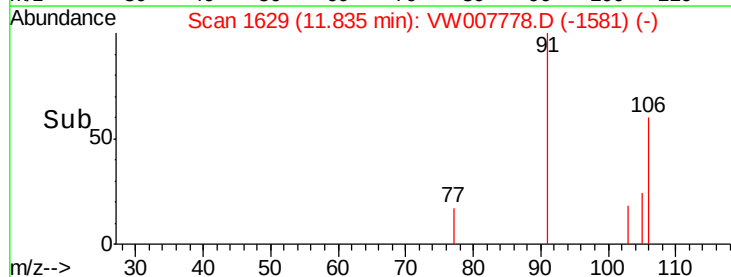
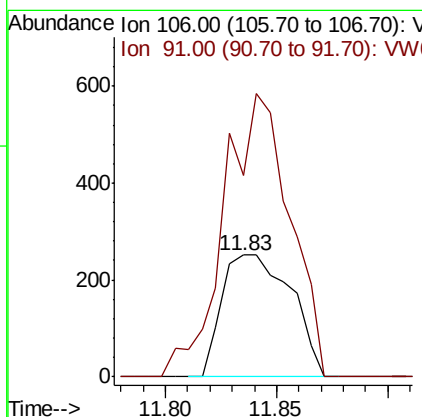
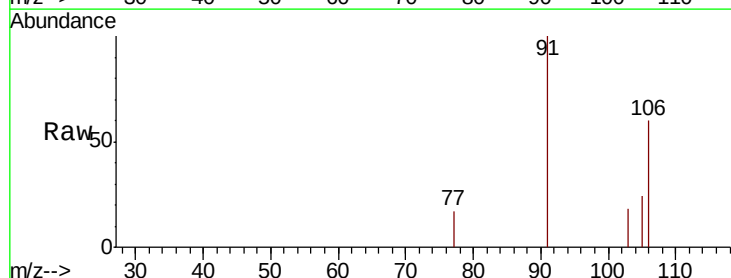
Instrument :
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ClientSampleId :
P001-SS012-1218-01

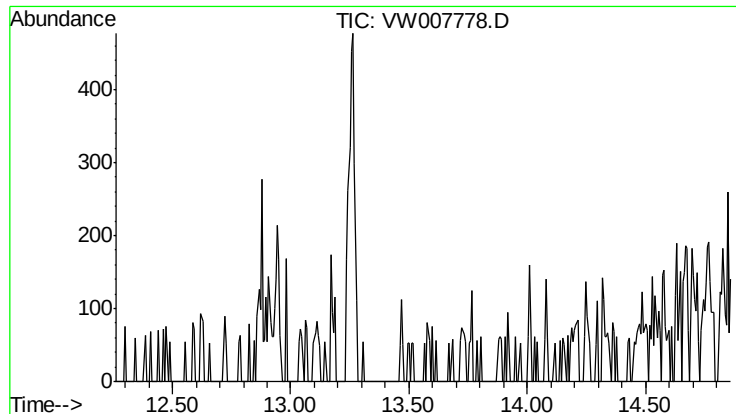
Tgt Ion: 91 Resp: 342
Ion Ratio Lower Upper
91 100
106 47.4 25.8 38.8#



#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

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





#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

Tgt	Ion	Sig	Exp Ratio
152	100		
115	63.6		
150	175.4		

