

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008653.D
 Acq On : 13 Feb 2019 22:51
 Operator : SY/VA
 Sample : K1462-07
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

Quant Time: Feb 14 06:01:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

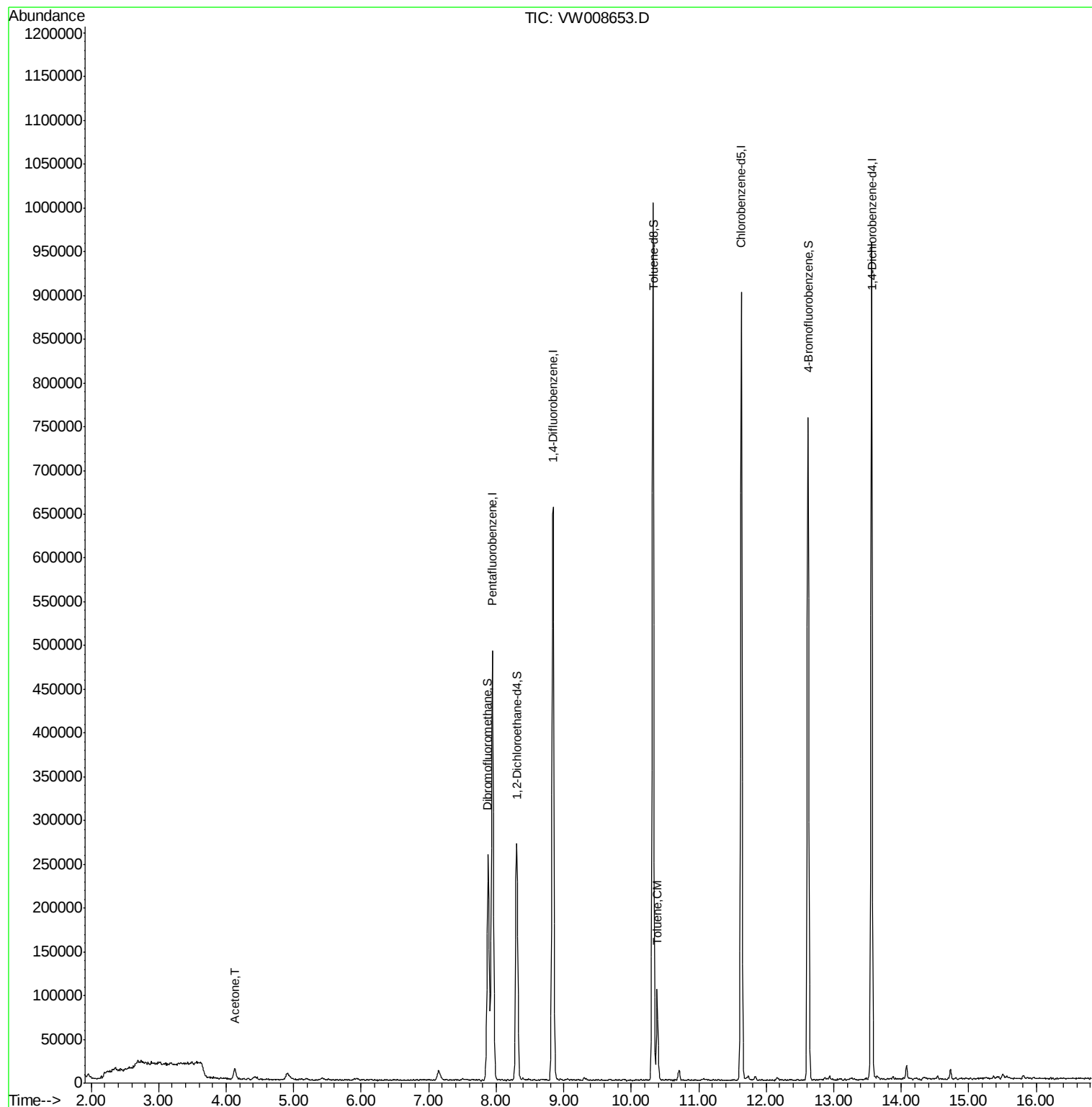
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	557077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	487179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	206683	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	7.88	113	175095	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	10.32	98	653359	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.62	95	235122	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
Target Compounds						
16) Acetone	4.13	43	21559	24.404	ug/l	90
52) Toluene	10.38	92	43506	4.412	ug/l	99

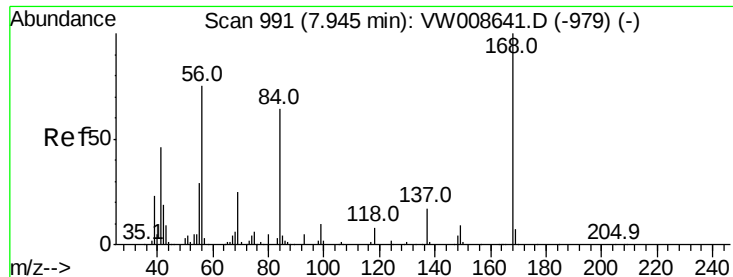
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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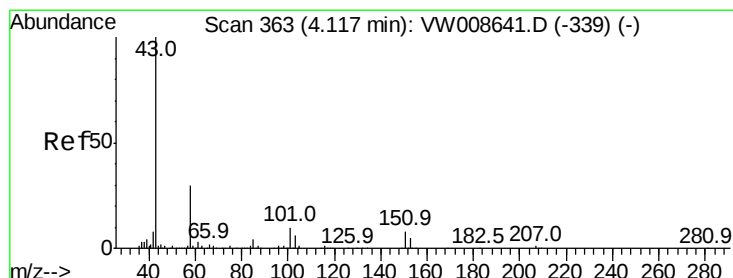
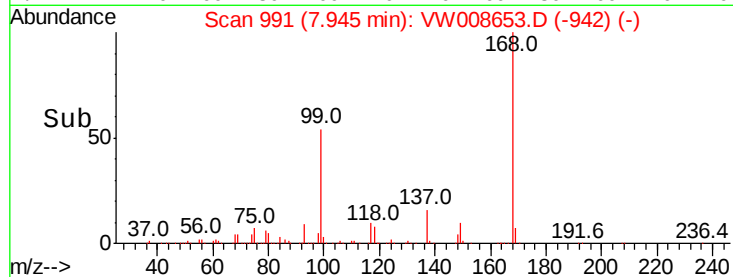
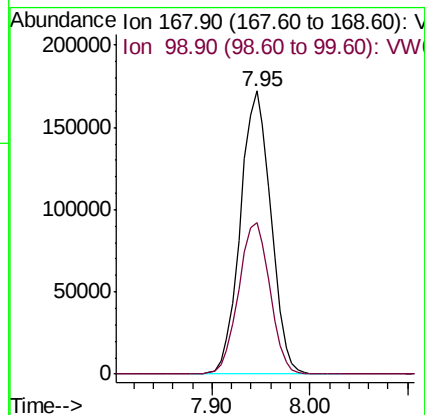
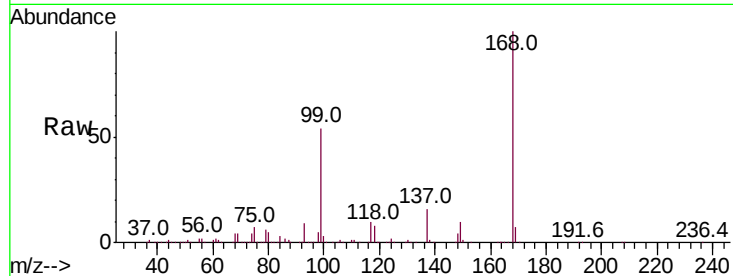


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW008653.D
 Acq: 13 Feb 2019 22:51

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

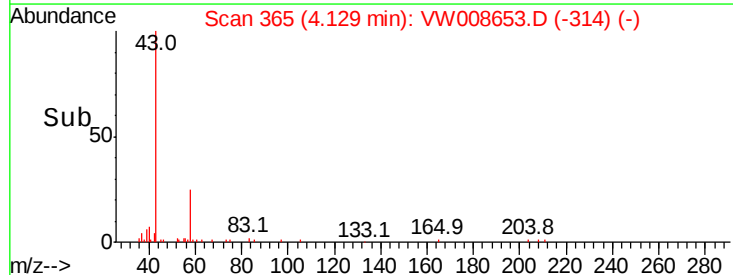
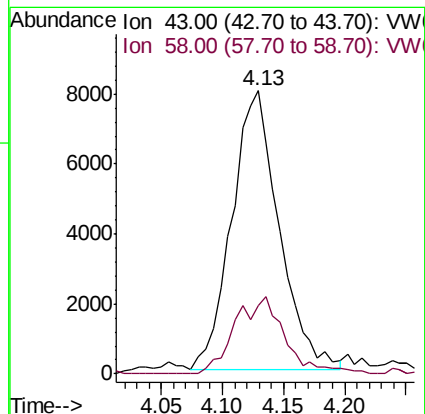
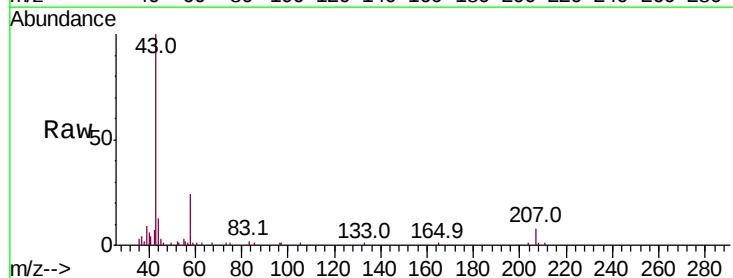
Tot Ion:168 Resp: 373421
 Ion Ratio Lower Upper
 168 100
 99 53.6 42.8 64.2

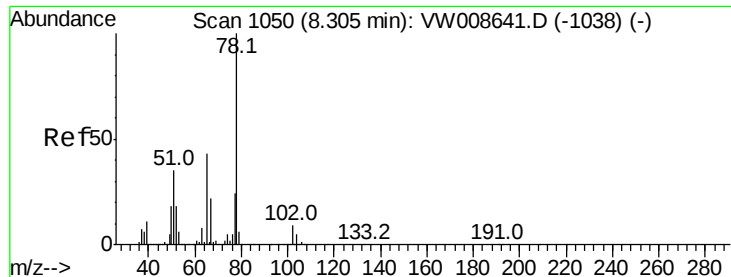


#16

Acetone
 Concen: 24.404 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW008653.D
 Acq: 13 Feb 2019 22:51

Tgt Ion: 43 Resp: 21559
 Ion Ratio Lower Upper
 43 100
 58 24.6 24.1 36.1





#33

1,2-Dichloroethane-d4

Concen: 53.239 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008653.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampled :

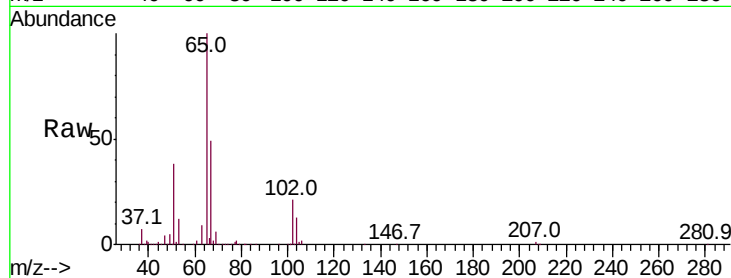
TP-1-D

Tot Ion: 65 Resp: 206683

Ion Ratio Lower Upper

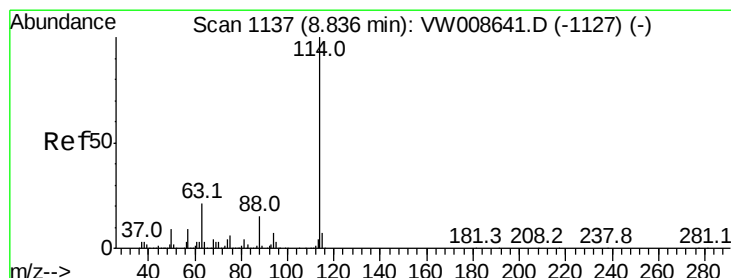
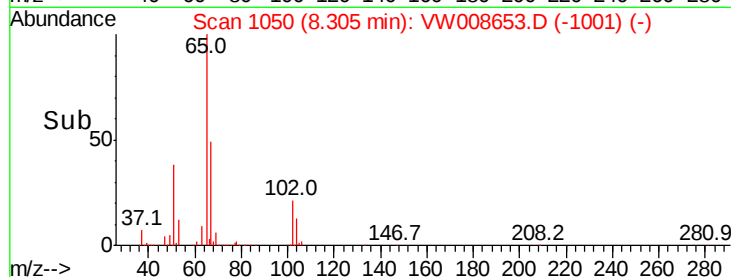
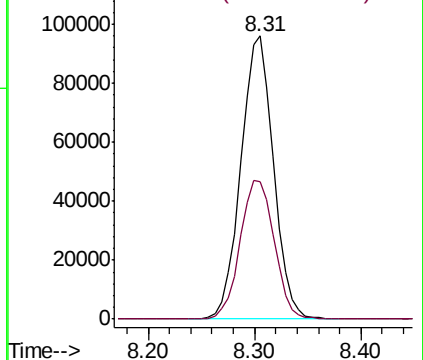
65 100

67 51.3 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008653.D

Acq: 13 Feb 2019 22:51

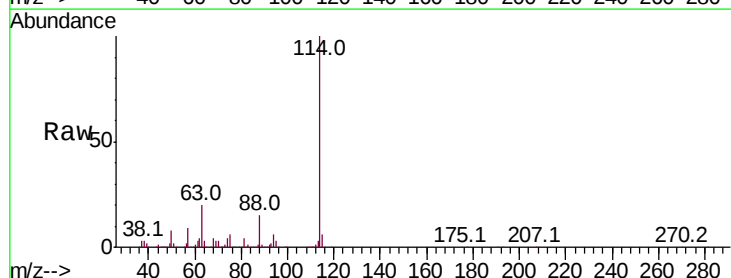
Tgt Ion: 114 Resp: 557077

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.2

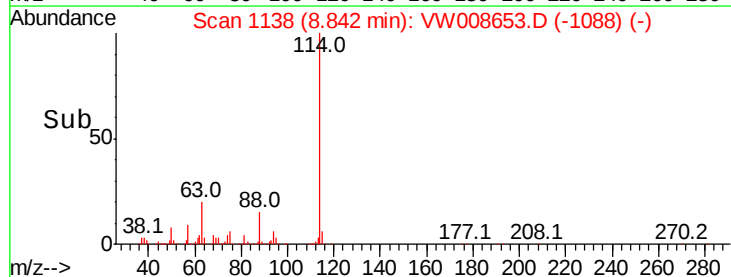
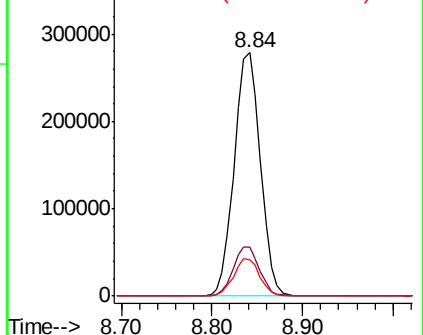
88 14.7 0.0 29.6

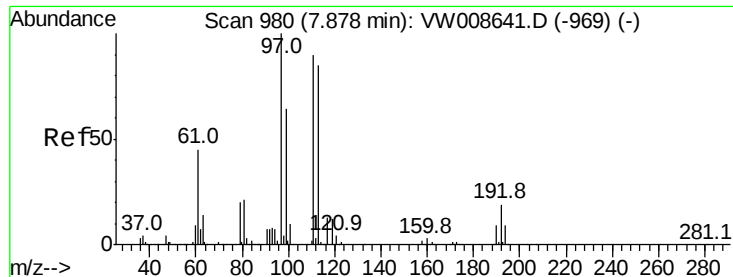


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.619 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008653.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D

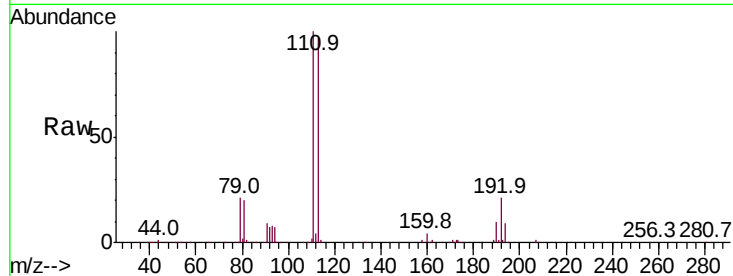
Tot Ion:113 Resp: 175095

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

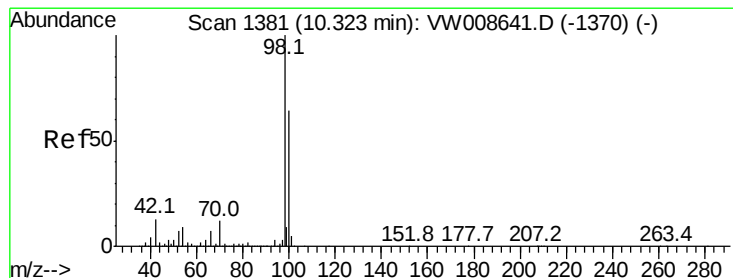
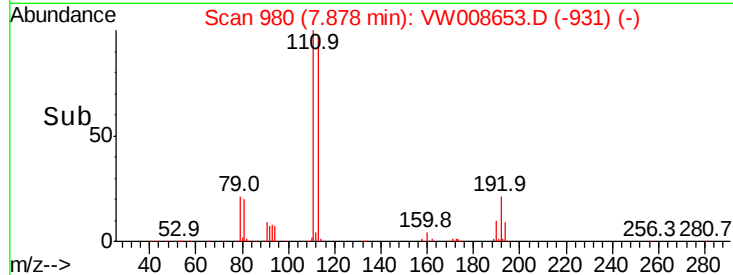
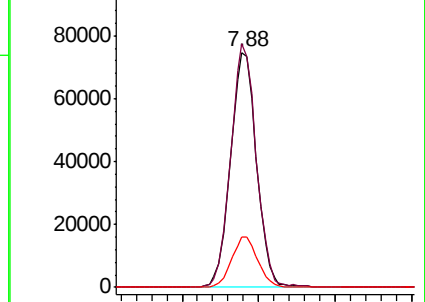
192 21.5 17.4 26.2



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



#50

Toluene-d8

Concen: 48.998 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008653.D

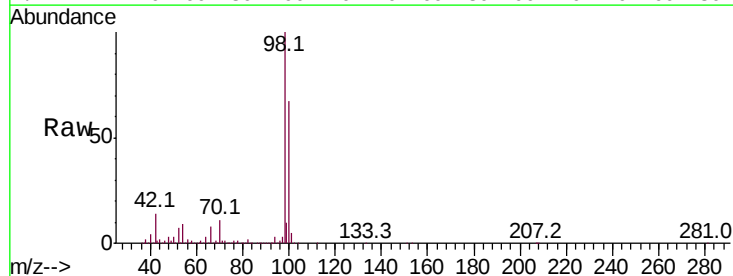
Acq: 13 Feb 2019 22:51

Tgt Ion: 98 Resp: 653359

Ion Ratio Lower Upper

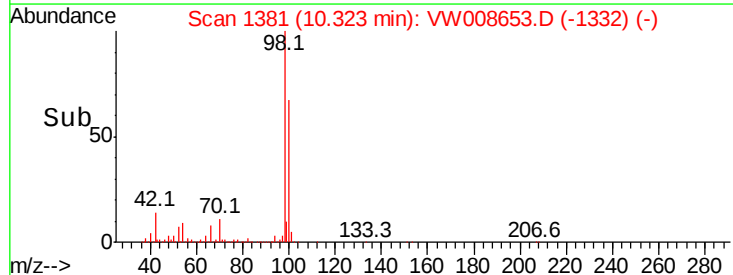
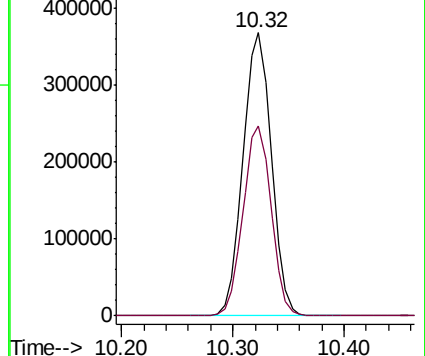
98 100

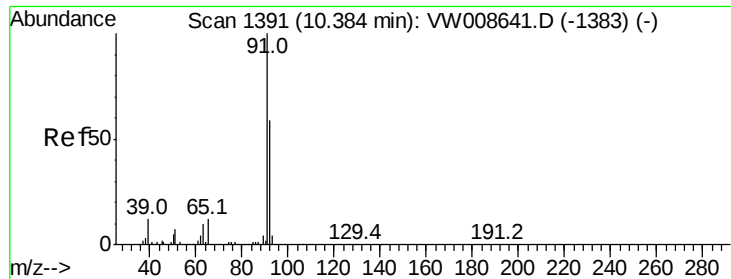
100 66.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 4.412 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008653.D

Acq: 13 Feb 2019 22:51

Instrument :

MSVOA_W

ClientSampleId :

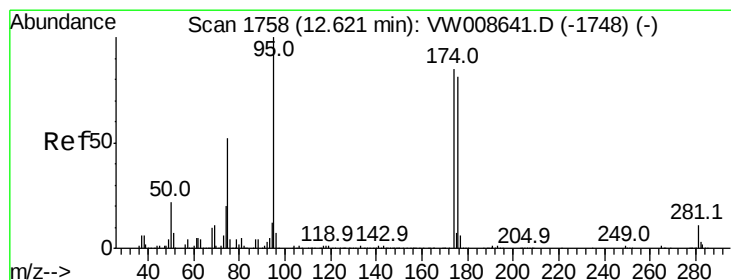
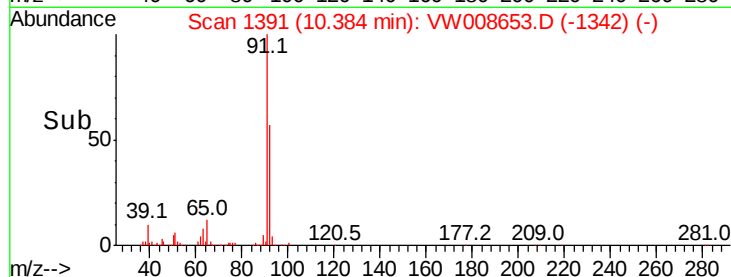
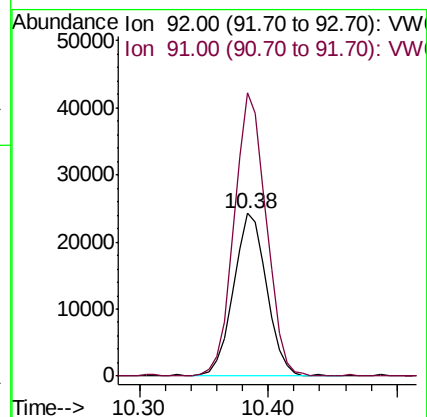
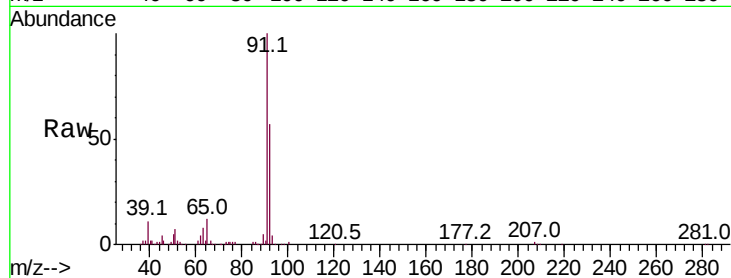
TP-1-D

Tot Ion: 92 Resp: 43506

Ion Ratio Lower Upper

92 100

91 168.4 135.8 203.6



#62

4-Bromofluorobenzene

Concen: 46.813 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008653.D

Acq: 13 Feb 2019 22:51

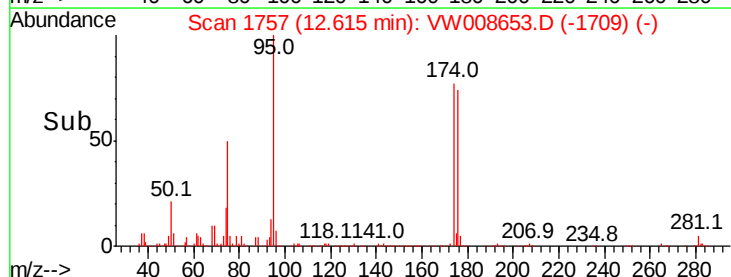
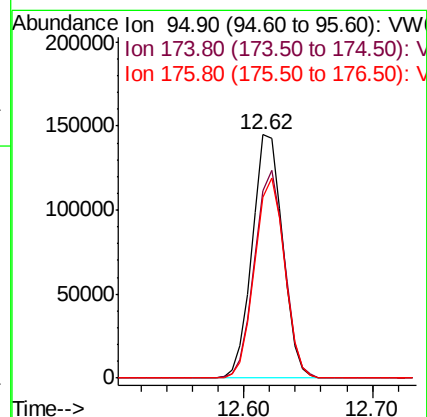
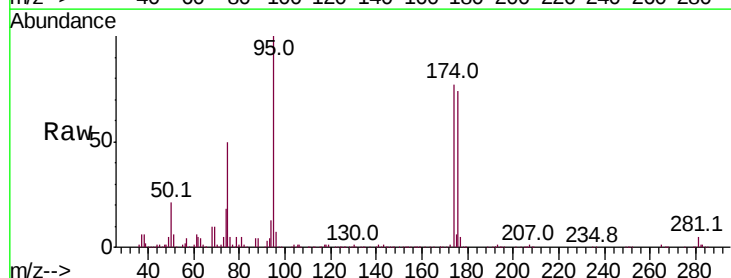
Tgt Ion: 95 Resp: 235122

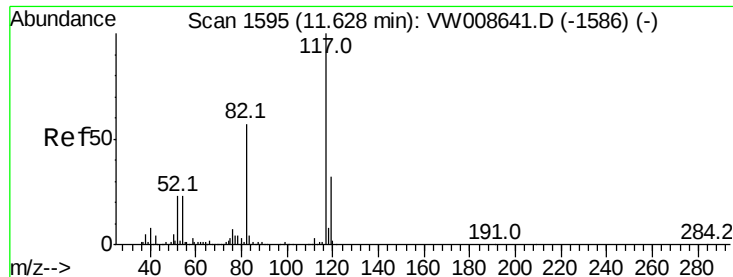
Ion Ratio Lower Upper

95 100

174 84.0 0.0 163.2

176 81.4 0.0 158.0

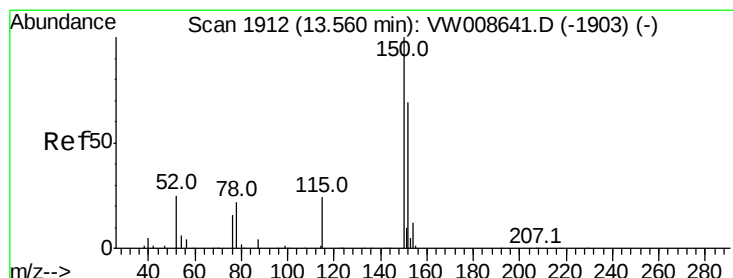
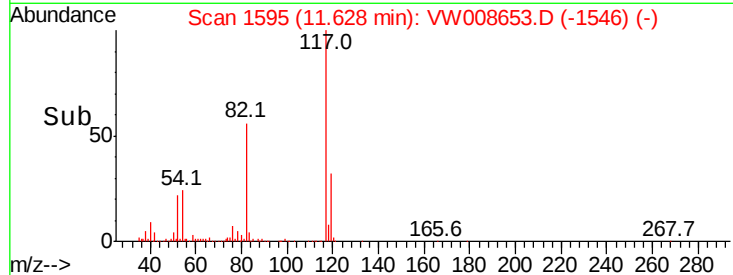
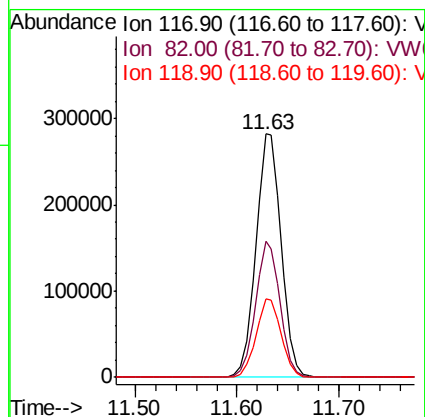
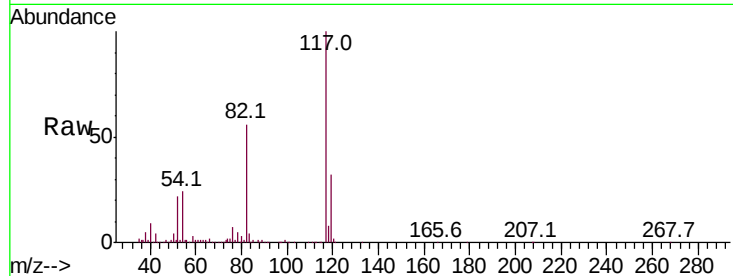




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW008653.D
Acq: 13 Feb 2019 22:51

Instrument :
MSVOA_W
ClientSampleId :
TP-1-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.6	68.4
119	32.1	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008653.D
Acq: 13 Feb 2019 22:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	87.8
150	155.6	0.0	352.8

