

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011539.D
 Acq On : 27 Jul 2019 02:10
 Operator : SY/VA
 Sample : K3990-07
 Misc : 4.42G/5.0ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4-A

Quant Time: Jul 27 06:43:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

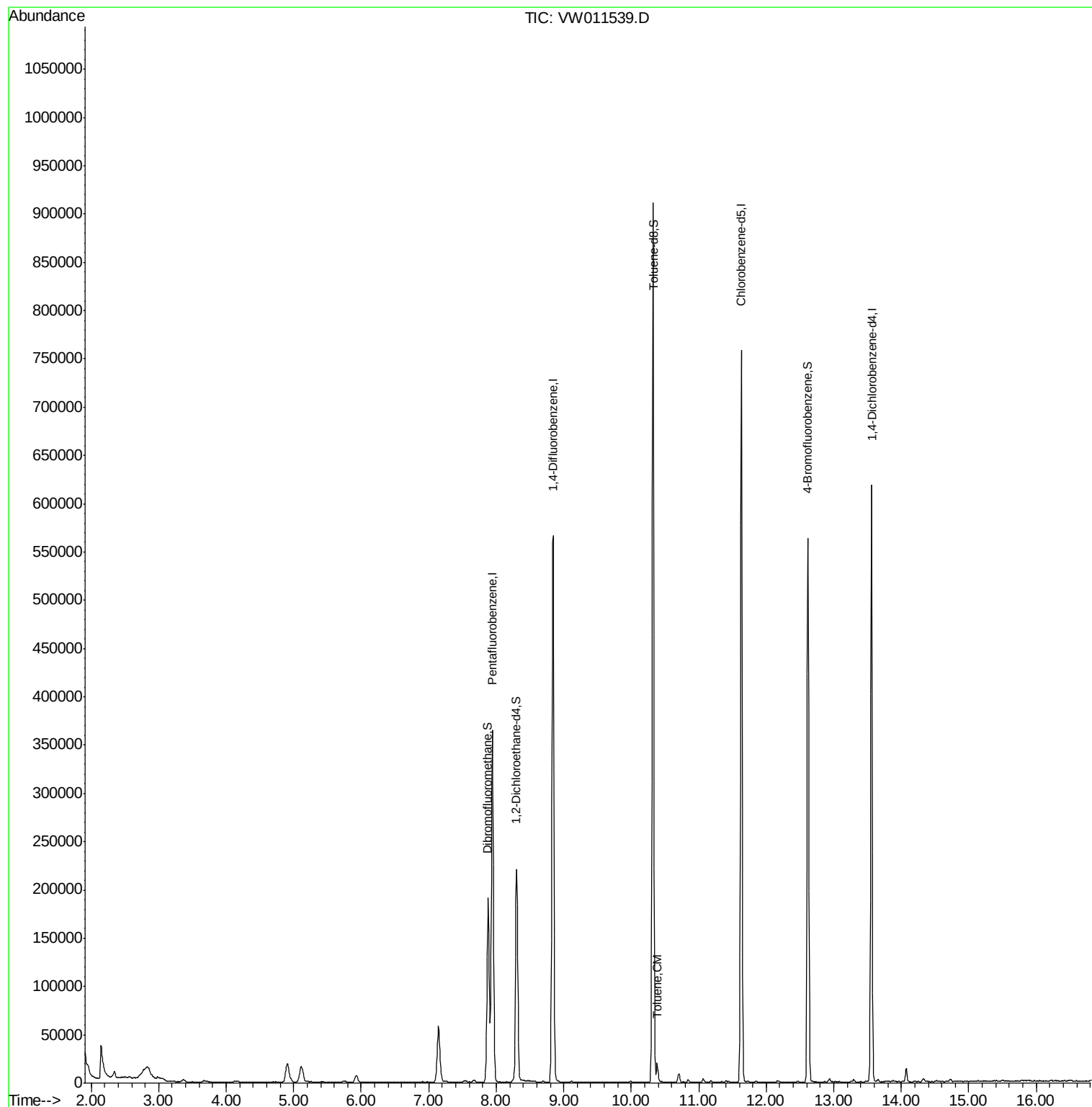
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	177757	57.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.04%	
35) Dibromofluoromethane	7.88	113	136357	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.32	98	576209	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
62) 4-Bromofluorobenzene	12.62	95	184443	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
Target Compounds						
52) Toluene	10.38	92	8067	1.020	ug/l	Qvalue 96

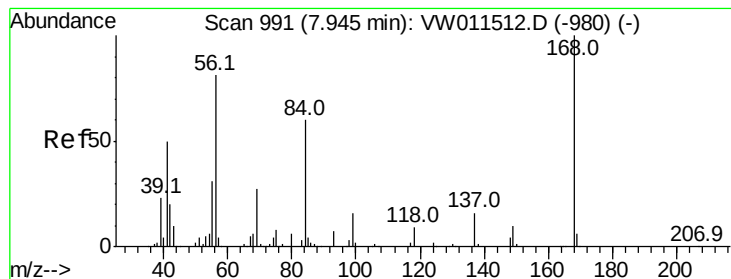
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011539.D

Acq: 27 Jul 2019 02:10

Instrument :

MSVOA_W

ClientSampled :

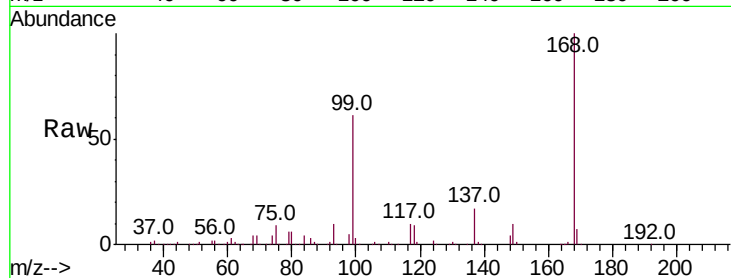
TP-4-A

Tot Ion:168 Resp: 269118

Ion Ratio Lower Upper

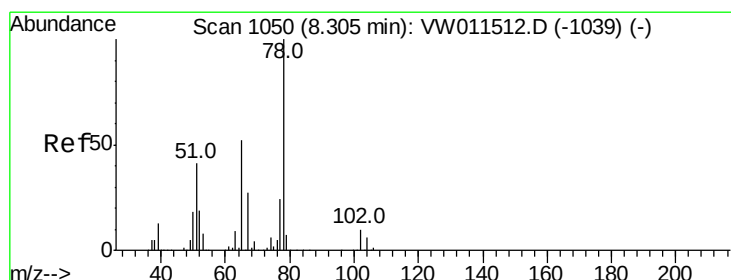
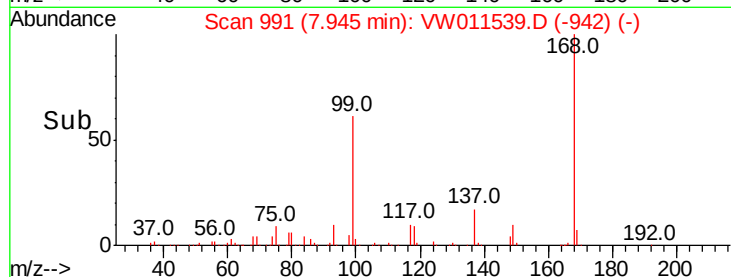
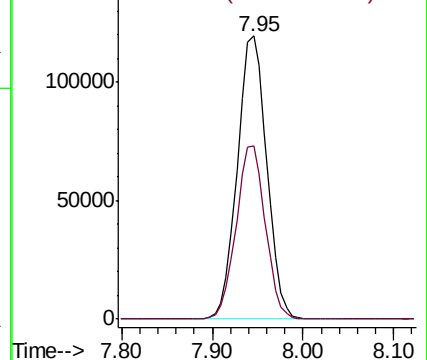
168 100

99 61.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.522 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011539.D

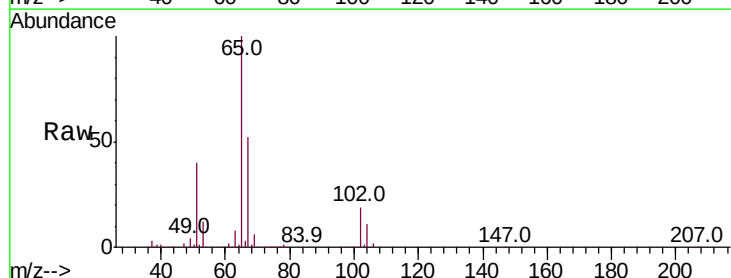
Acq: 27 Jul 2019 02:10

Tgt Ion: 65 Resp: 177757

Ion Ratio Lower Upper

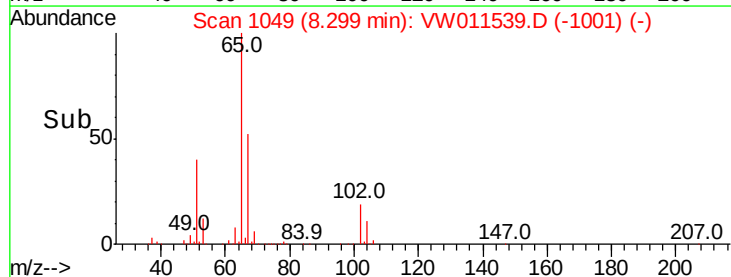
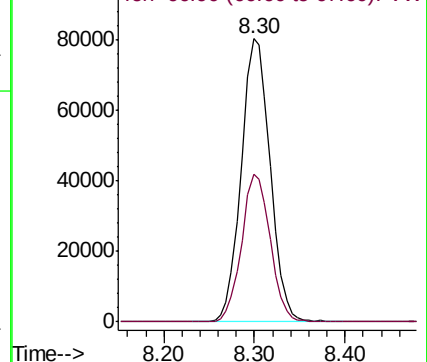
65 100

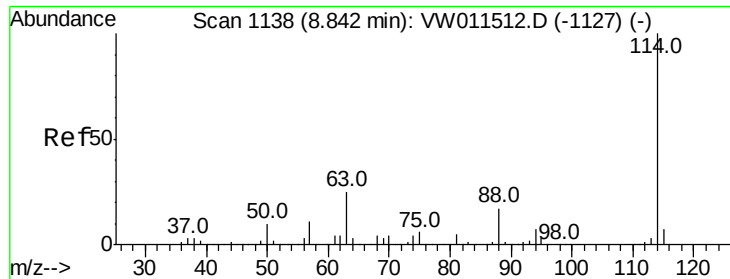
67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

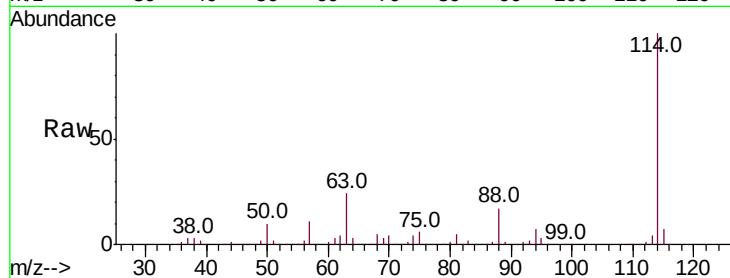




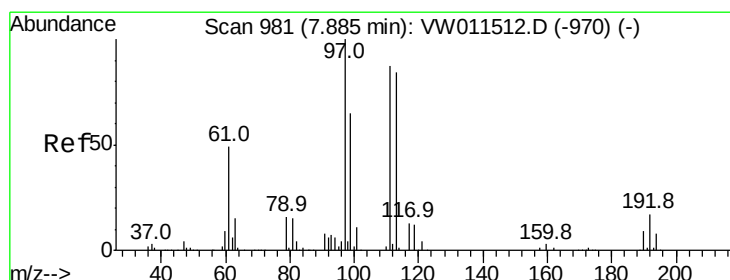
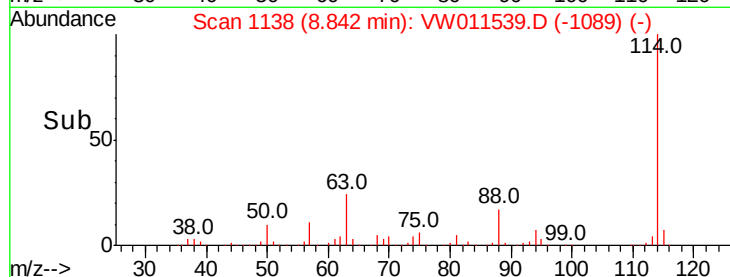
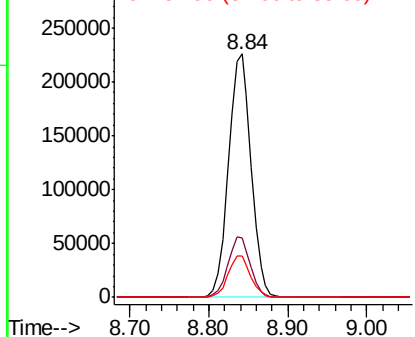
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011539.D
 Acq: 27 Jul 2019 02:10

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	16.8	0.0	33.8

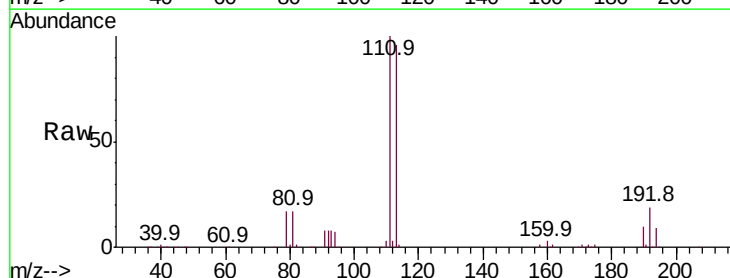


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

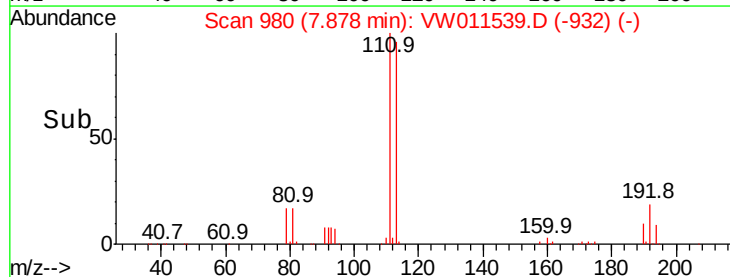
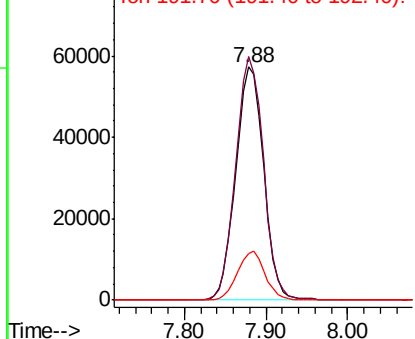


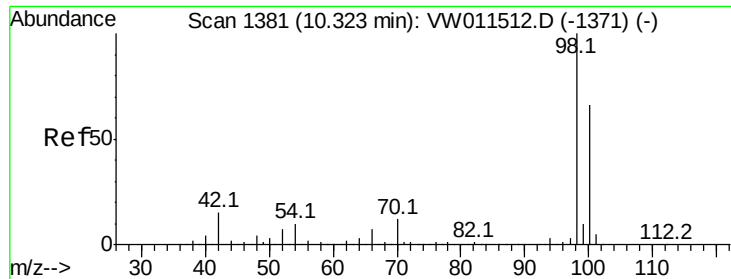
#35
 Dibromofluoromethane
 Concen: 54.055 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011539.D
 Acq: 27 Jul 2019 02:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.6	16.1	24.1



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

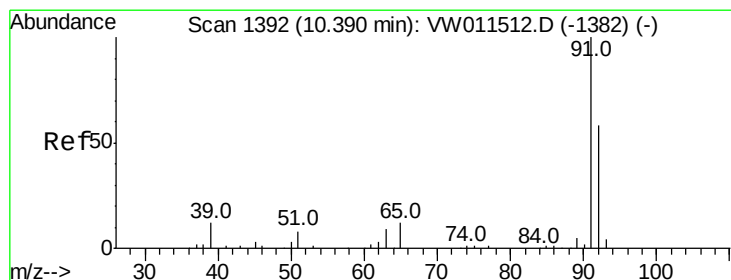
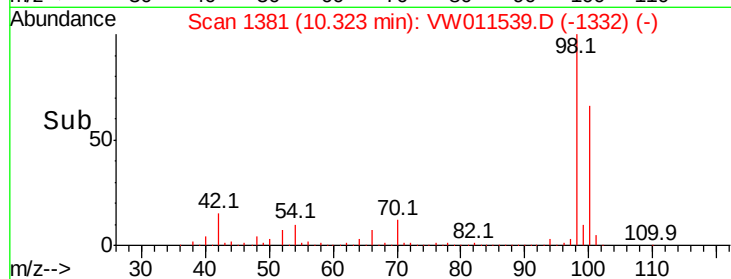
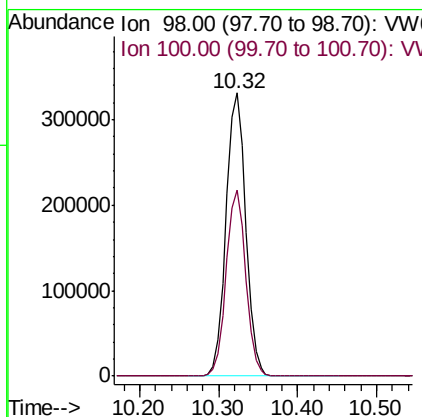
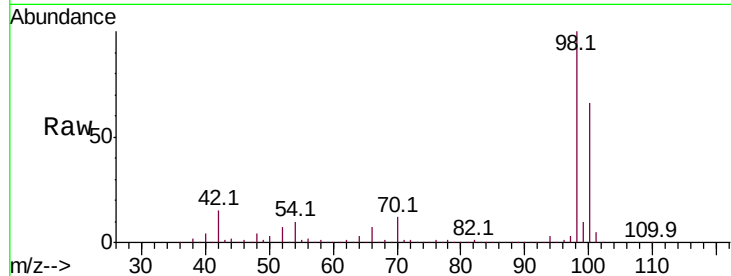




#50
Toluene-d8
Concen: 55.791 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011539.D
Acq: 27 Jul 2019 02:10

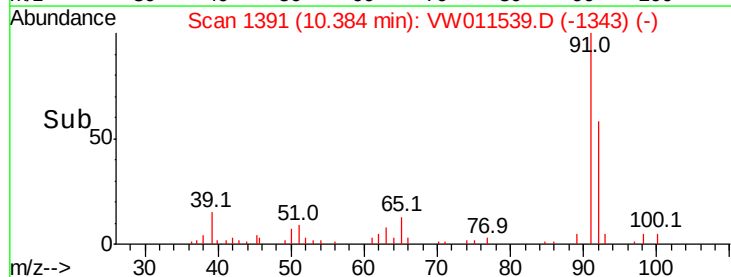
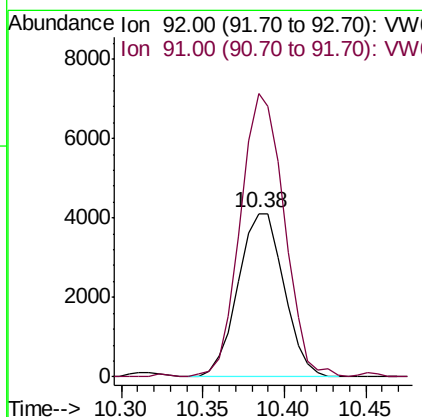
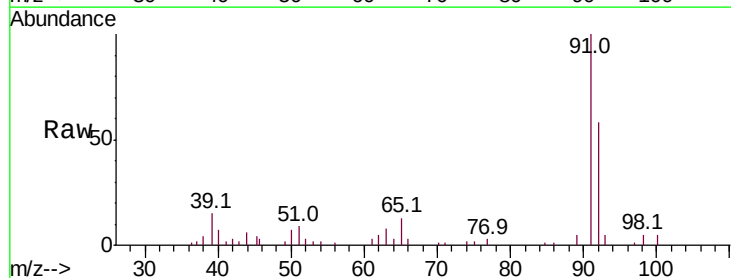
Instrument :
MSVOA_W
ClientSampleId :
TP-4-A

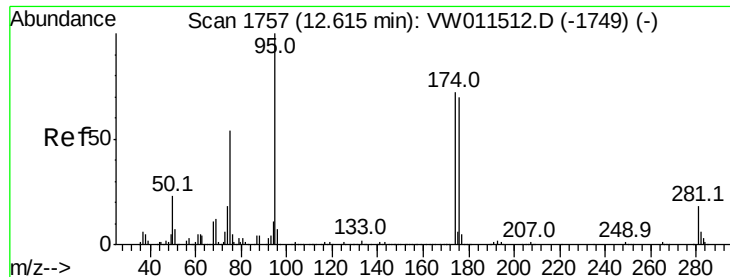
Tot Ion: 98 Resp: 576209
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#52
Toluene
Concen: 1.020 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW011539.D
Acq: 27 Jul 2019 02:10

Tgt Ion: 92 Resp: 8067
Ion Ratio Lower Upper
92 100
91 165.5 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 50.091 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011539.D

Acq: 27 Jul 2019 02:10

Instrument :

MSVOA_W

ClientSampleId :

TP-4-A

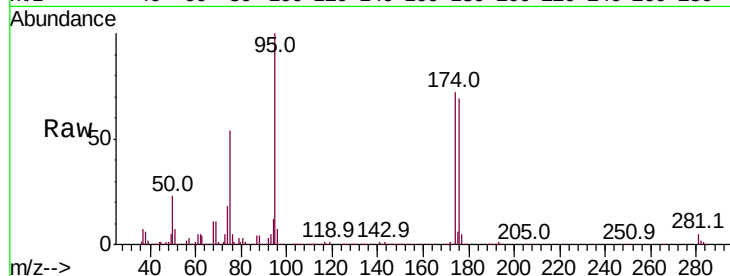
Tot Ion: 95 Resp: 184443

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.2

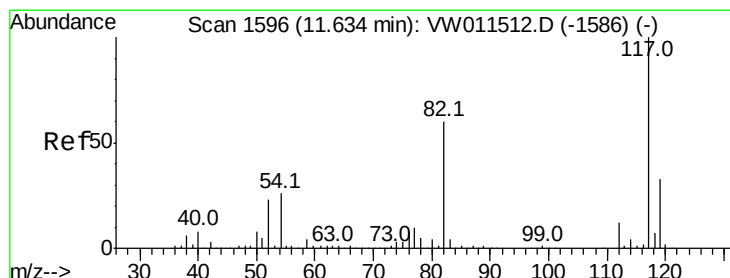
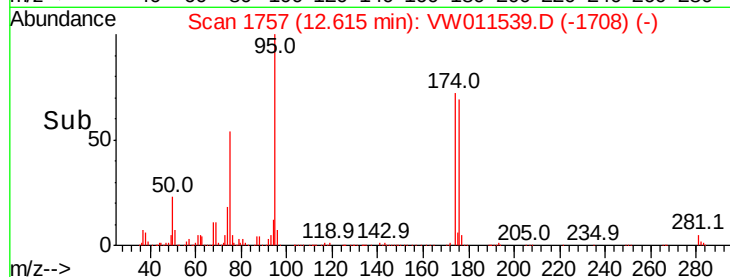
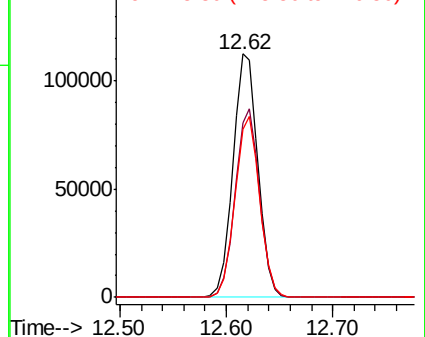
176 73.6 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011539.D

Acq: 27 Jul 2019 02:10

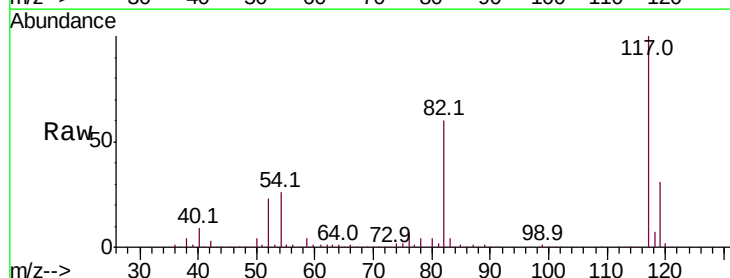
Tgt Ion: 117 Resp: 394990

Ion Ratio Lower Upper

117 100

82 59.9 47.9 71.9

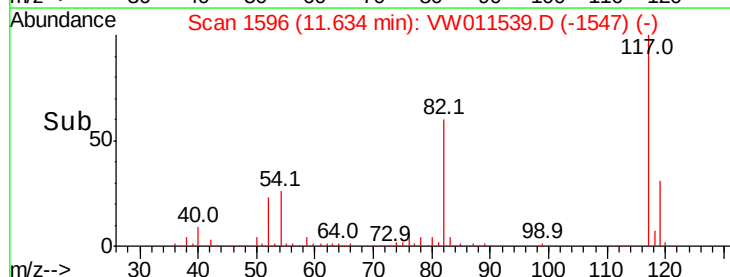
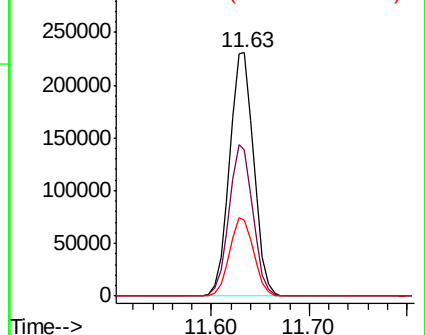
119 31.4 26.2 39.2

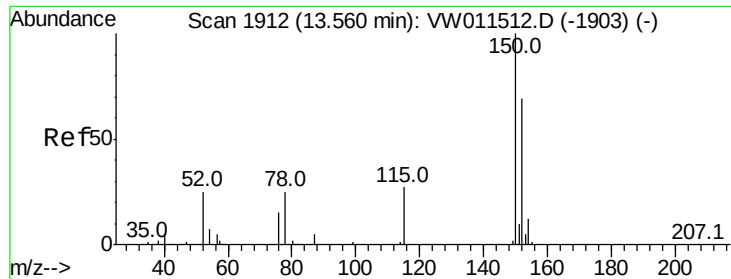


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011539.D

Acq: 27 Jul 2019 02:10

Instrument :

MSVOA_W

ClientSampleId :

TP-4-A

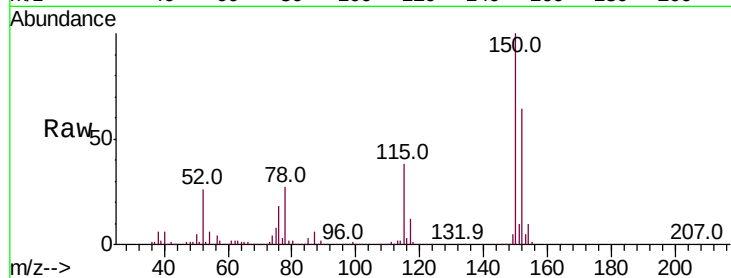
Tot Ion:152 Resp: 151139

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

150 156.2 0.0 352.6



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

