

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011340.D
 Acq On : 18 Jul 2019 18:02
 Operator : SY/VA
 Sample : K3813-04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC066-SD-190712

Quant Time: Jul 19 07:32:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

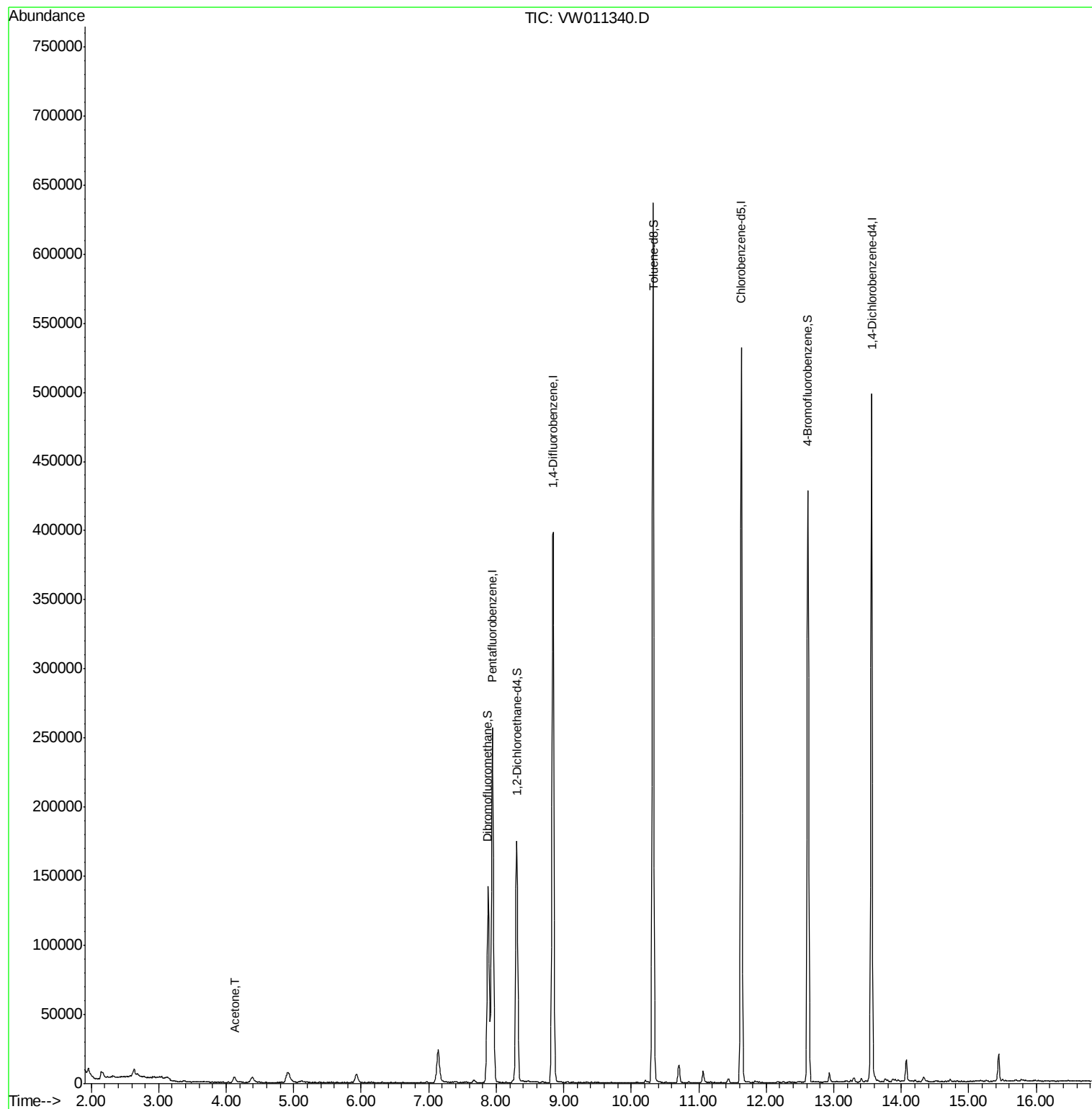
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135366	58.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.00%	
35) Dibromofluoromethane	7.88	113	101382	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
50) Toluene-d8	10.32	98	398171	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.62	95	135479	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
16) Acetone	4.12	43	7810	13.909	ug/l	Qvalue 96

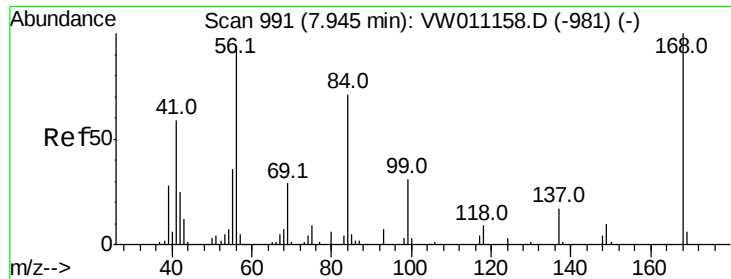
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011340.D

Acq: 18 Jul 2019 18:02

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MSVOA_W

ClientSampleId :

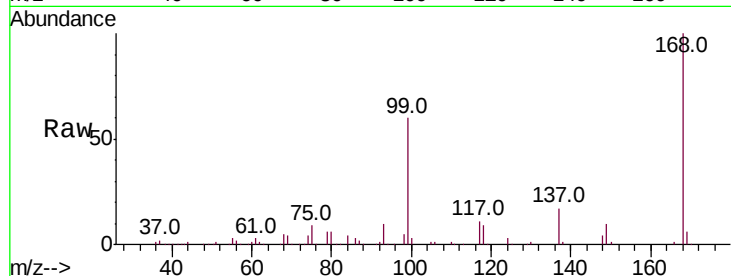
KY030LC066-SD-190712

Tot Ion:168 Resp: 185727

Ion Ratio Lower Upper

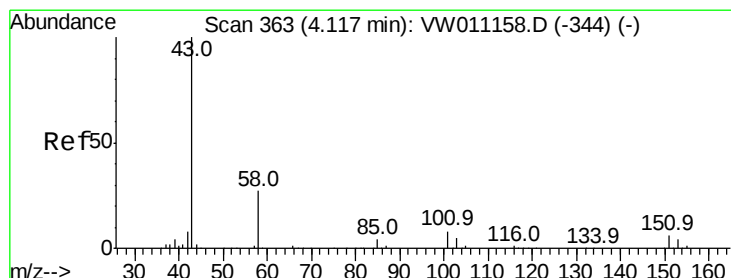
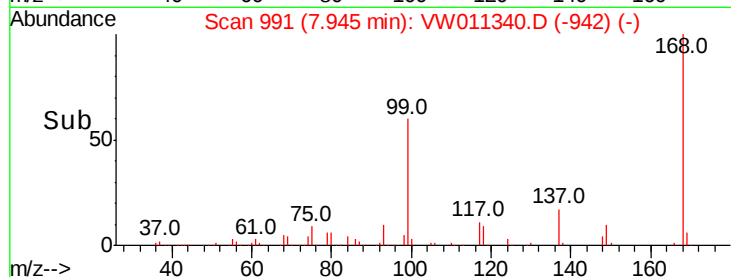
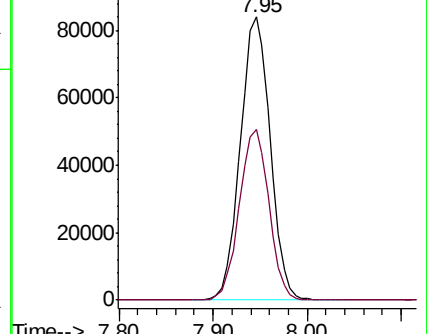
168 100

99 60.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.909 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011340.D

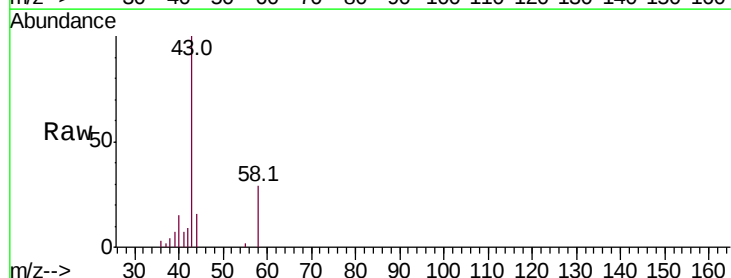
Acq: 18 Jul 2019 18:02

Tgt Ion: 43 Resp: 7810

Ion Ratio Lower Upper

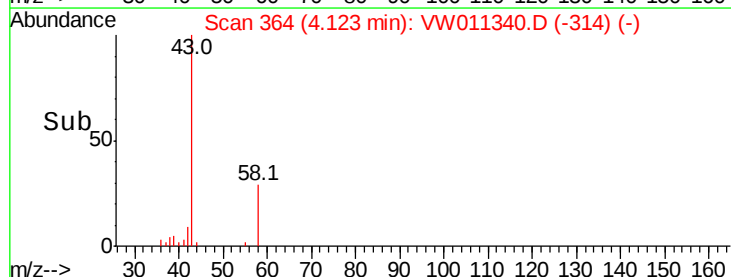
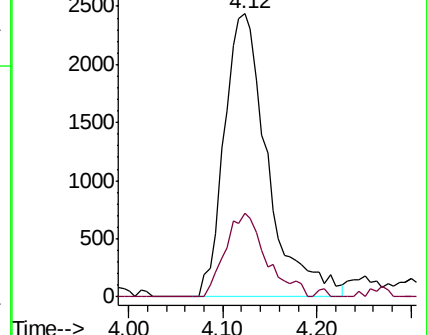
43 100

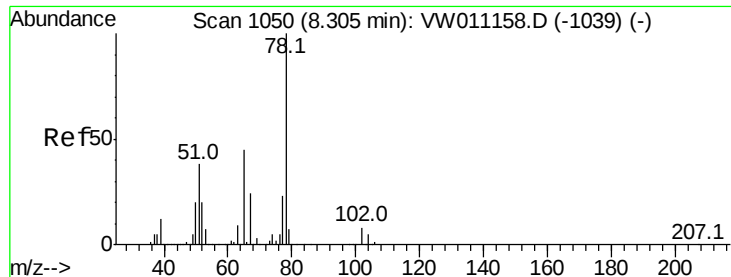
58 29.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 58.004 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011340.D

Acq: 18 Jul 2019 18:02

Instrument :

MSVOA_W

ClientSampleId :

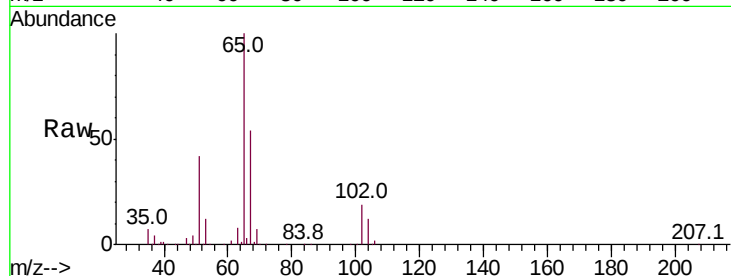
KY030LC066-SD-190712

Tot Ion: 65 Resp: 135366

Ion Ratio Lower Upper

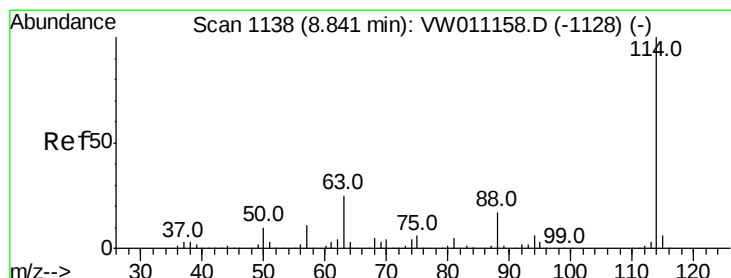
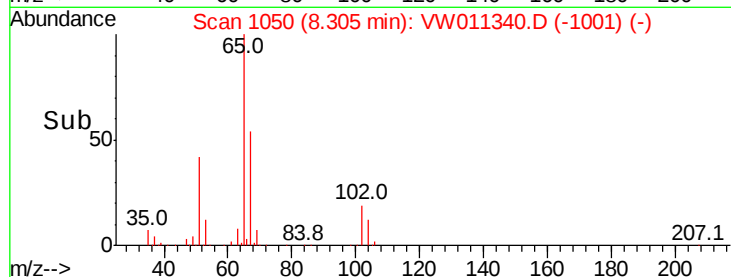
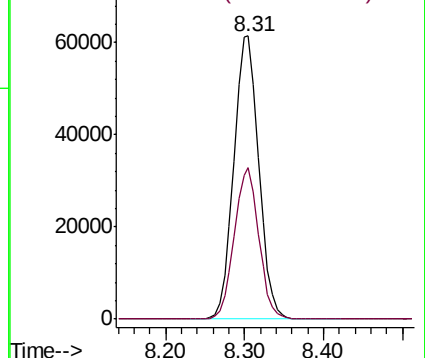
65 100

67 52.5 0.0 104.4



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: VW011340.D

Acq: 18 Jul 2019 18:02

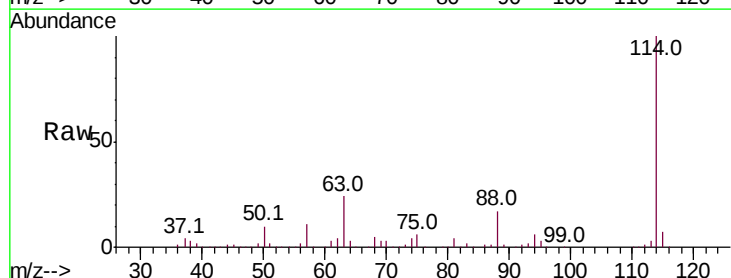
Tgt Ion: 114 Resp: 320560

Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.8

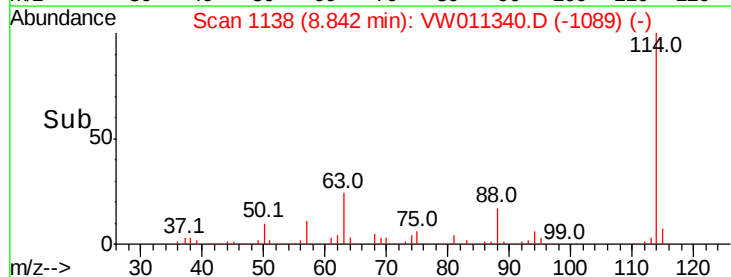
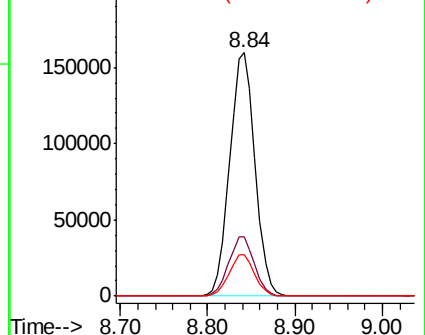
88 17.0 0.0 34.2

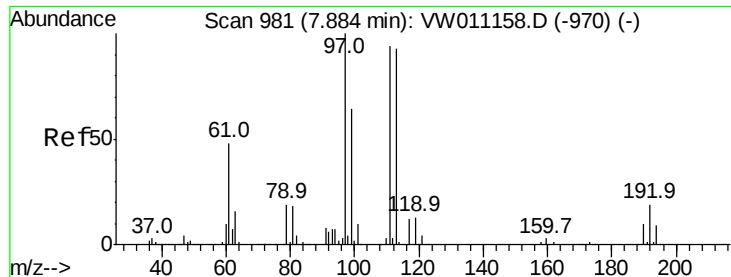


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

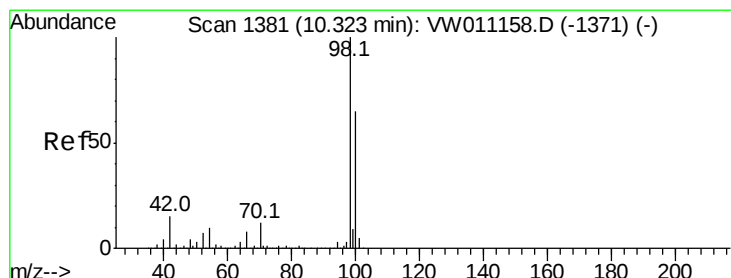
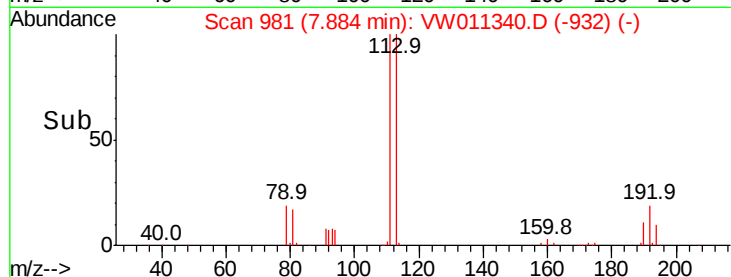
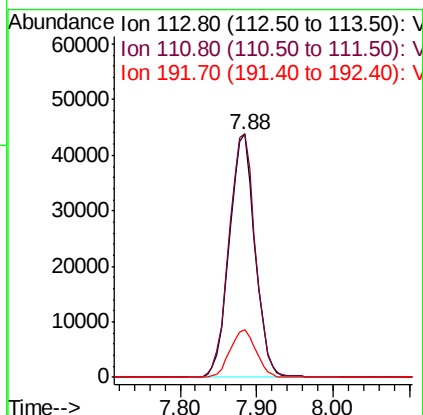
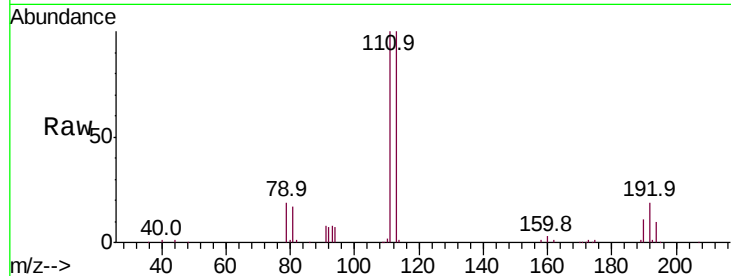




#35
 Dibromofluoromethane
 Concen: 53.061 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011340.D
 Acq: 18 Jul 2019 18:02

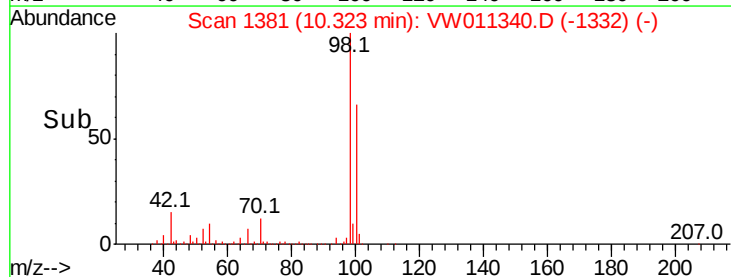
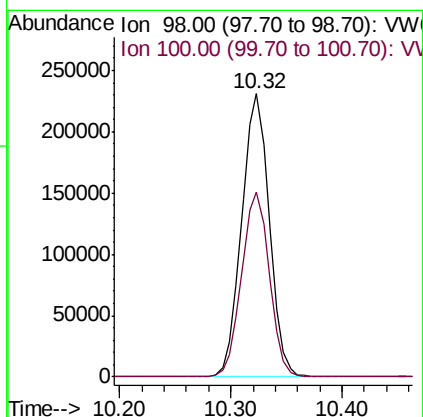
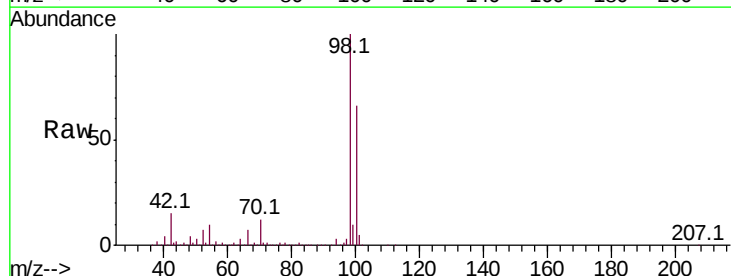
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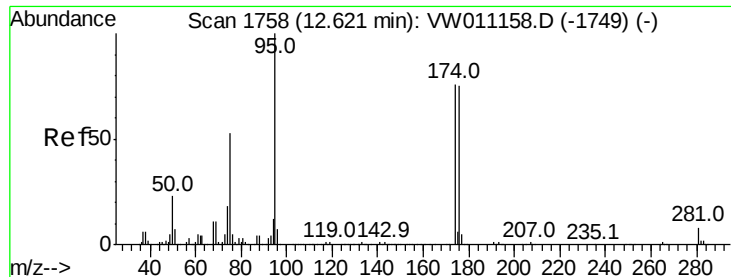
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	19.8	15.8	23.8



#50
 Toluene-d8
 Concen: 51.555 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011340.D
 Acq: 18 Jul 2019 18:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 47.858 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011340.D

Acq: 18 Jul 2019 18:02

Instrument :

MSVOA_W

ClientSampleId :

KY030LC066-SD-190712

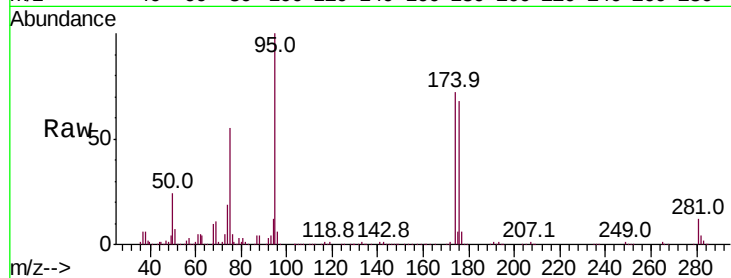
Tot Ion: 95 Resp: 135479

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.6

176 71.7 0.0 144.6



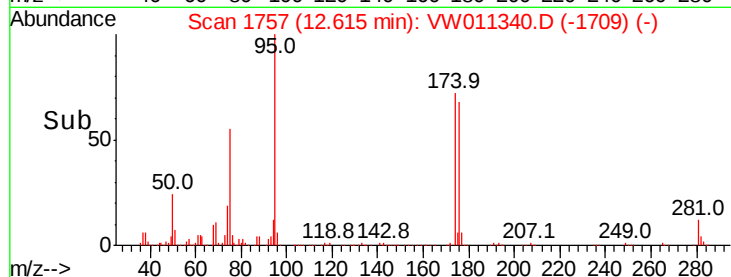
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time-->



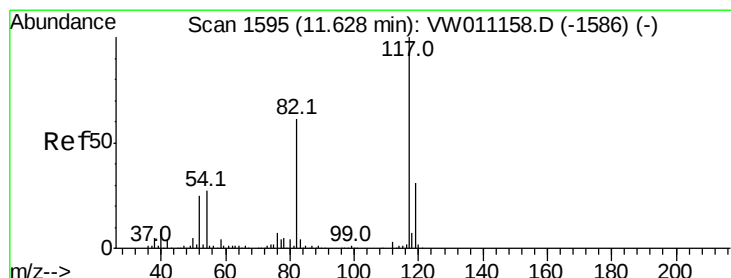
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW011340.D

Acq: 18 Jul 2019 18:02

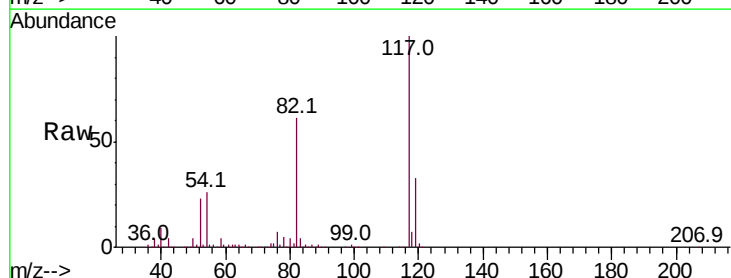
Tgt Ion: 117 Resp: 275857

Ion Ratio Lower Upper

117 100

82 60.9 48.9 73.3

119 32.9 25.0 37.6



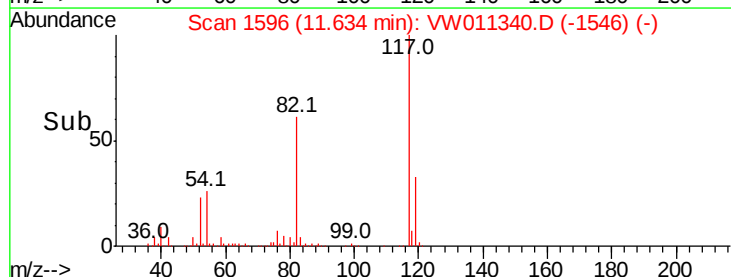
Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time-->



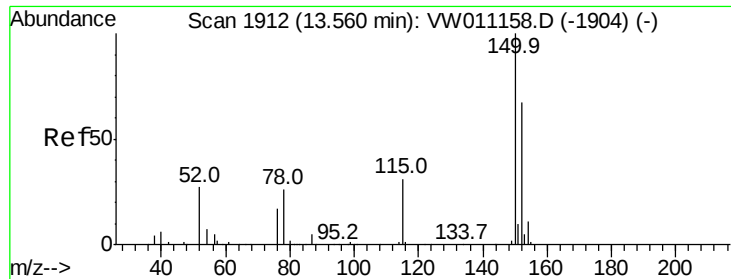
Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011340.D

Acq: 18 Jul 2019 18:02

Instrument :

MSVOA_W

ClientSampleId :

KY030LC066-SD-190712

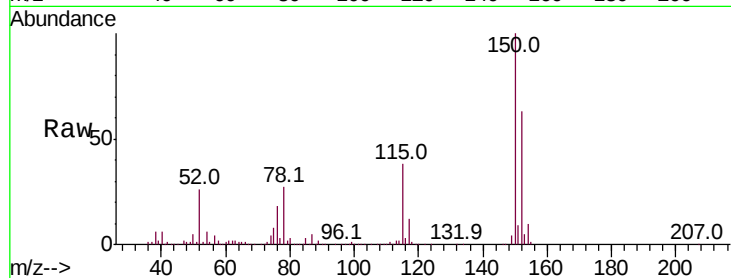
Tot Ion:152 Resp: 120435

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 157.4 0.0 346.0



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

