

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012892.D
 Acq On : 11 Sep 2019 02:20
 Operator : SY/VA
 Sample : K4696-03
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WS-SB05-6.0-6.5

Quant Time: Sep 11 08:58:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

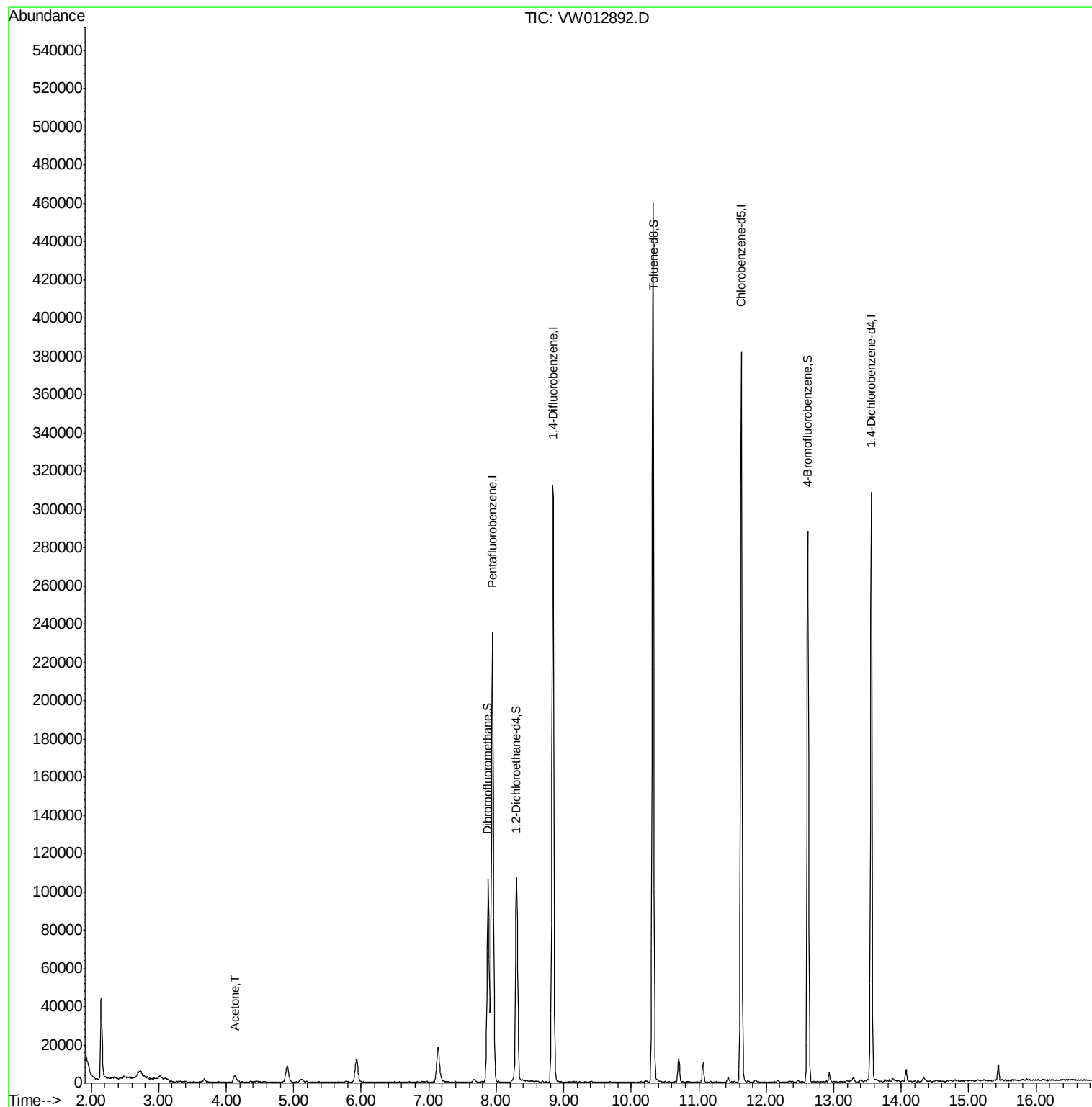
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	260108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	208219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	83047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	88146	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
35) Dibromofluoromethane	7.88	113	75749	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.32	98	301081	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.62	95	88665	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.62%	
Target Compounds						
16) Acetone	4.12	43	7271	13.220	ug/l	Qvalue 94

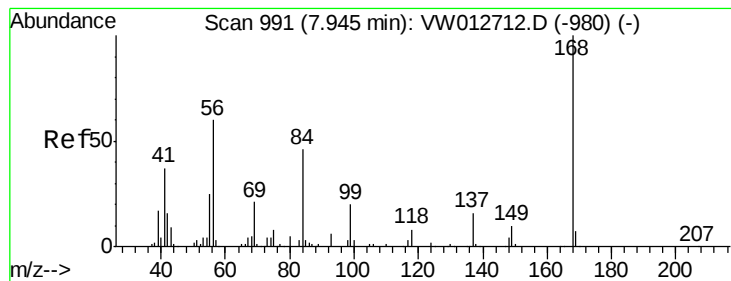
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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ClientSampleId :

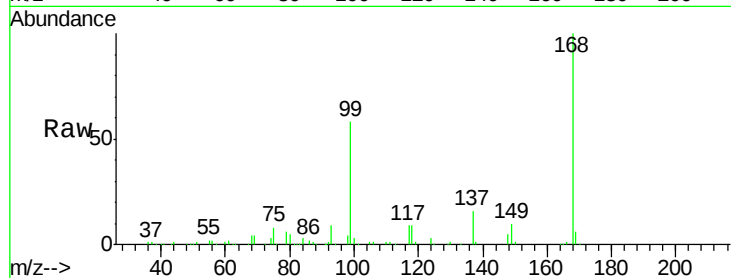
WS-SB05-6.0-6.5

Tot Ion:168 Resp: 180558

Ion Ratio Lower Upper

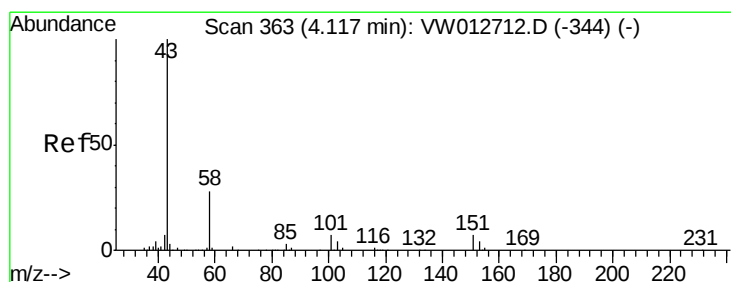
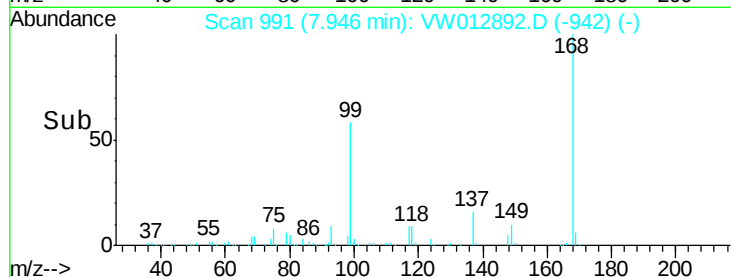
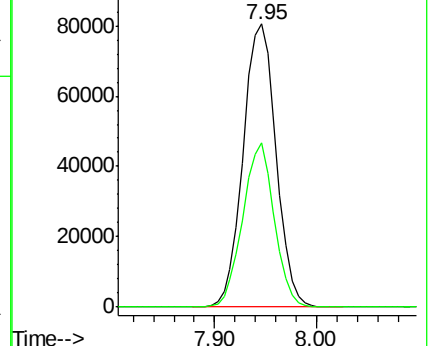
168 100

99 58.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.220 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012892.D

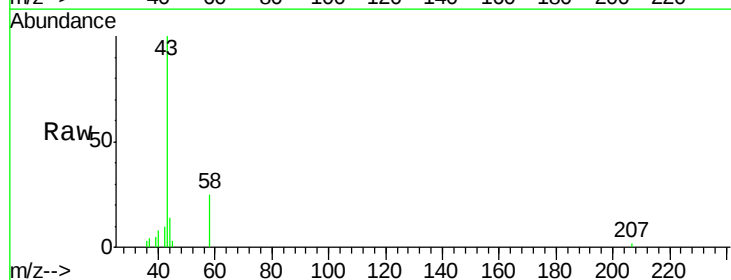
Acq: 11 Sep 2019 02:20

Tgt Ion: 43 Resp: 7271

Ion Ratio Lower Upper

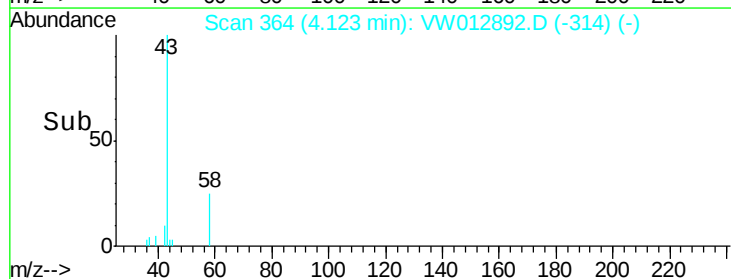
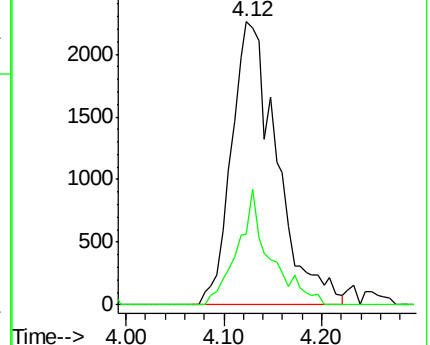
43 100

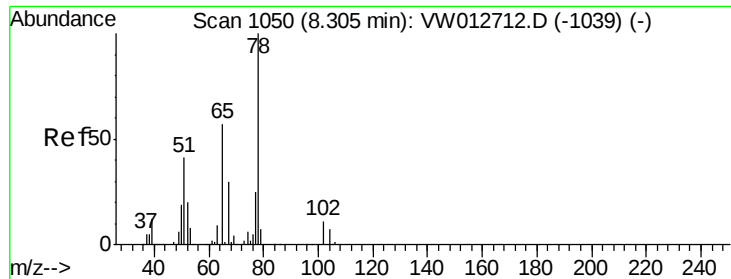
58 24.9 22.6 33.8



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: 43.692 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012892.D

Acq: 11 Sep 2019 02:20

Instrument :

MSVOA_W

ClientSampleId :

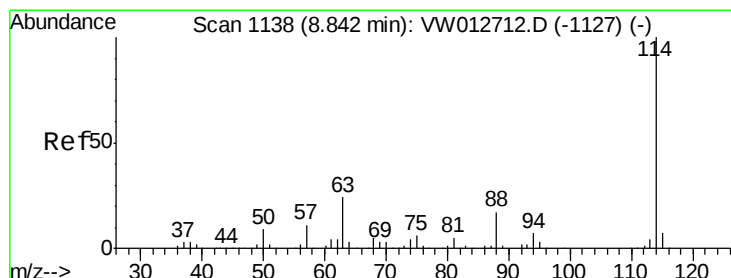
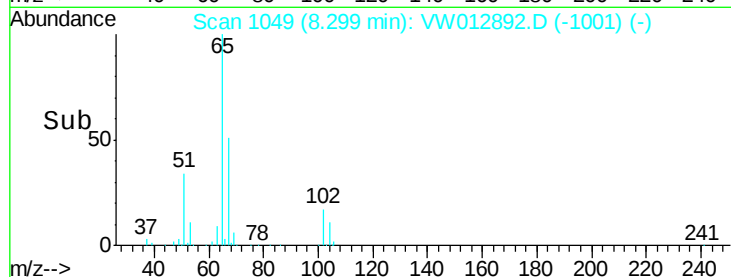
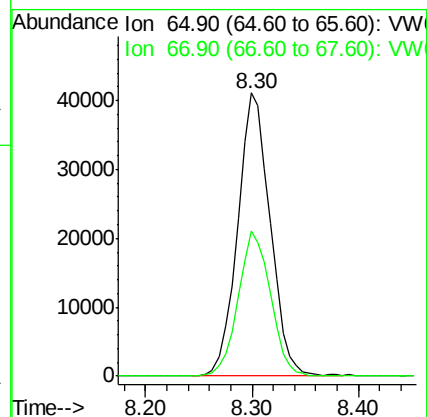
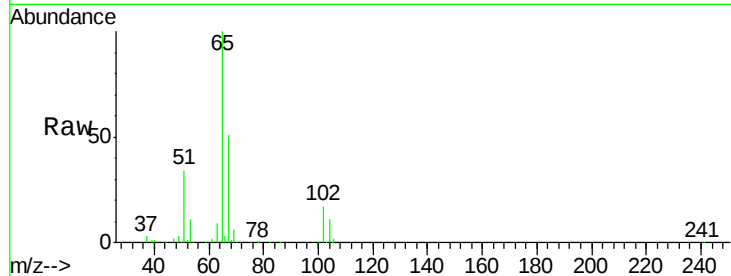
WS-SB05-6.0-6.5

Tot Ion: 65 Resp: 88146

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012892.D

Acq: 11 Sep 2019 02:20

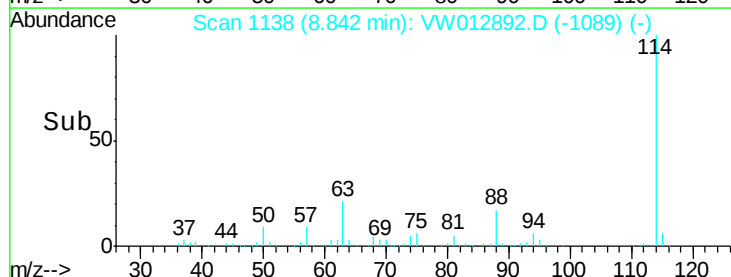
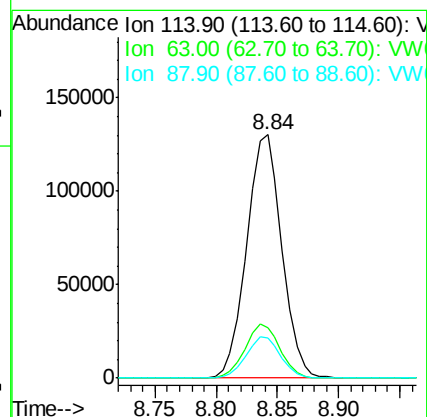
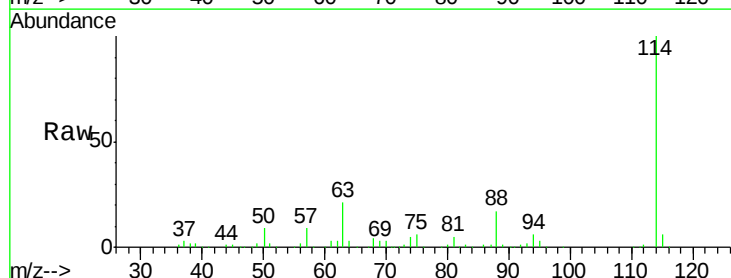
Tgt Ion: 114 Resp: 260108

Ion Ratio Lower Upper

114 100

63 20.9 0.0 47.2

88 16.6 0.0 34.0

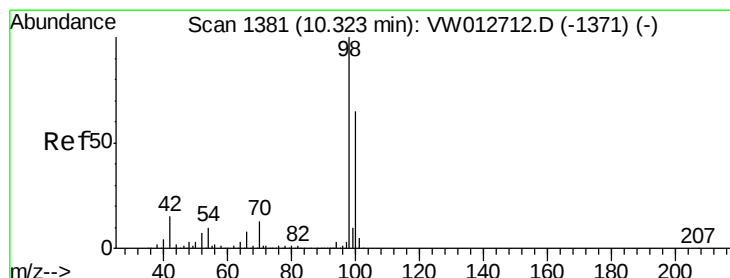
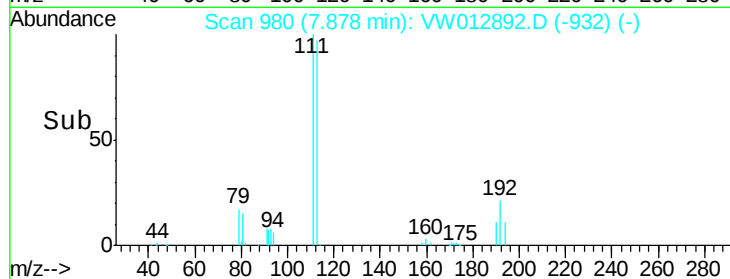
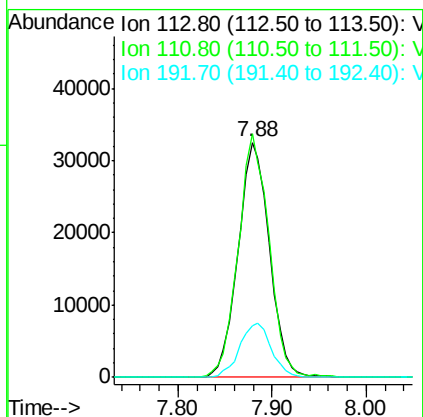
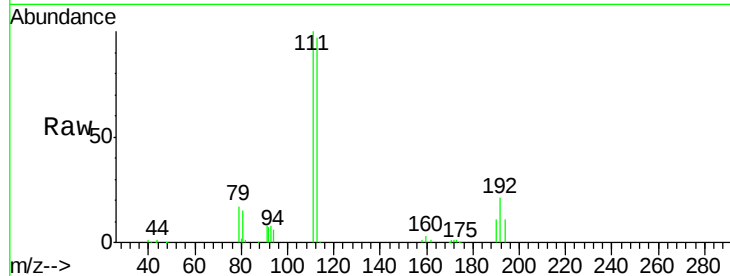




#35
 Dibromofluoromethane
 Concen: 48.984 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012892.D
 Acq: 11 Sep 2019 02:20

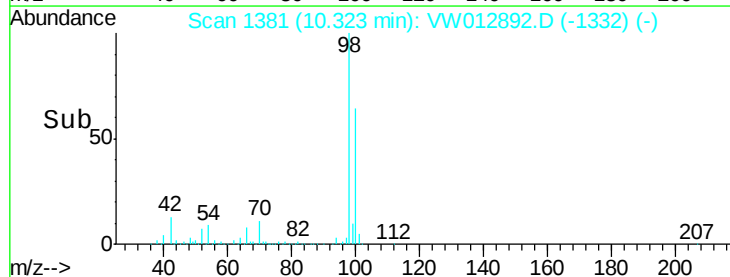
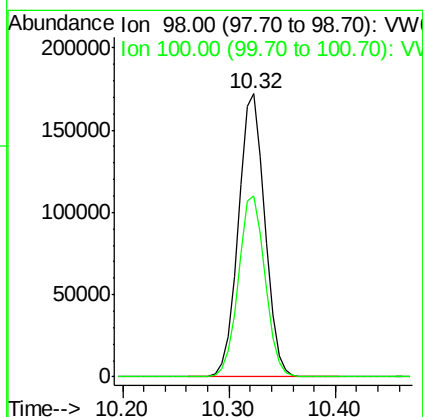
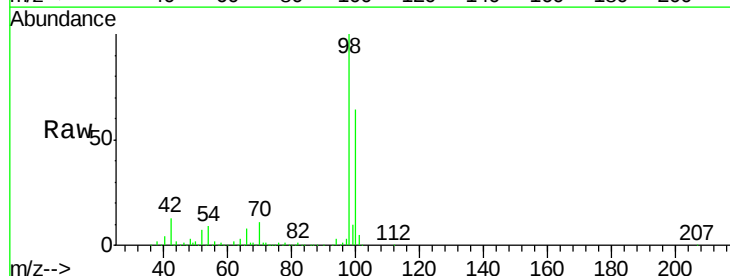
Instrument :
 MSVOA_W
 ClientSampleId :
 WS-SB05-6.0-6.5

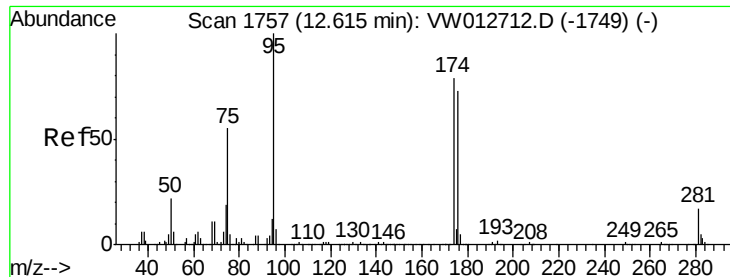
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.2	120.4
192	23.1	17.3	25.9



#50
 Toluene-d8
 Concen: 49.696 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012892.D
 Acq: 11 Sep 2019 02:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 40.313 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012892.D

Acq: 11 Sep 2019 02:20

Instrument :

MSVOA_W

ClientSampleId :

WS-SB05-6.0-6.5

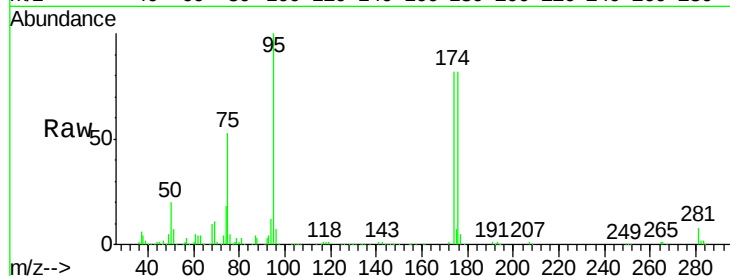
Tot Ion: 95 Resp: 88665

Ion Ratio Lower Upper

95 100

174 85.0 0.0 161.0

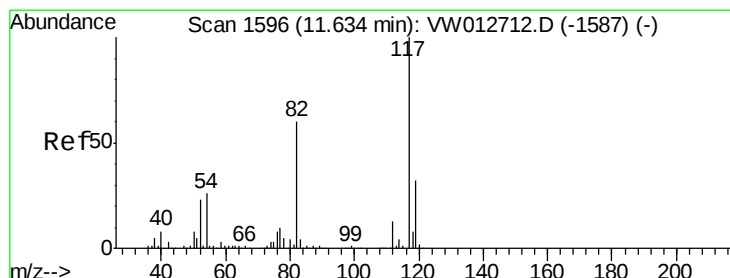
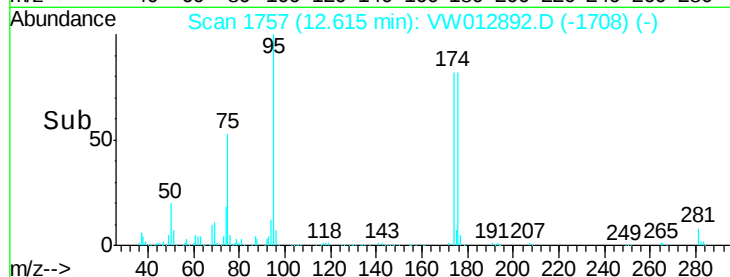
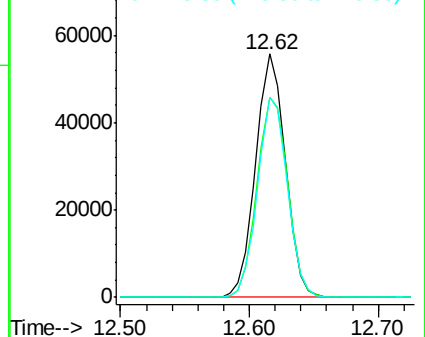
176 82.5 0.0 156.4



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# 1595

Delta R.T. -0.01 min

Lab File: VW012892.D

Acq: 11 Sep 2019 02:20

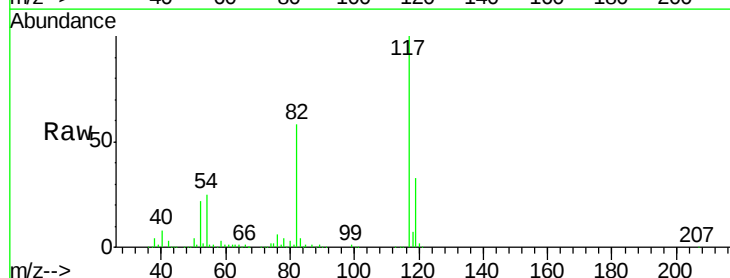
Tgt Ion: 117 Resp: 208219

Ion Ratio Lower Upper

117 100

82 58.3 48.2 72.4

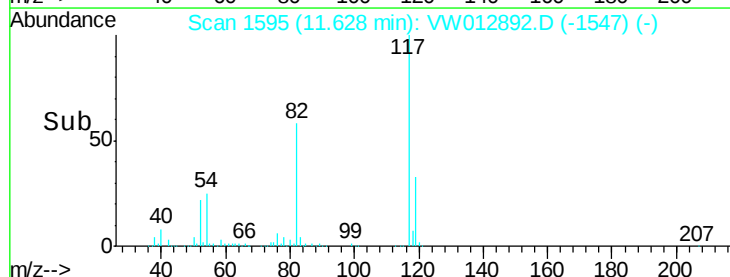
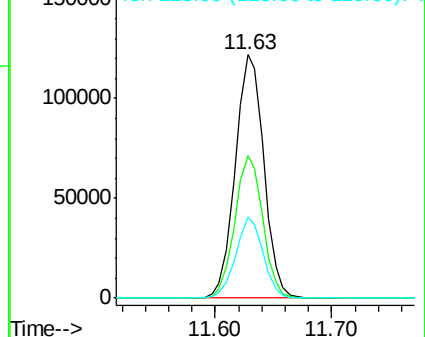
119 33.2 25.8 38.6

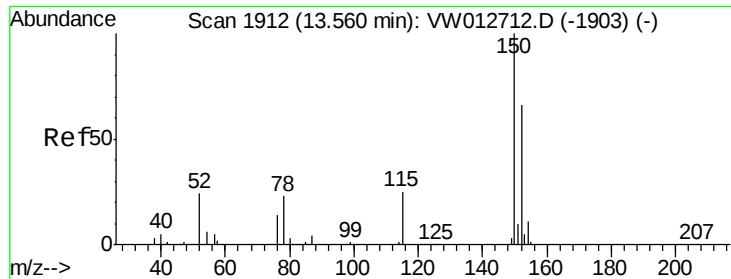


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012892.D

Acq: 11 Sep 2019 02:20

Instrument :

MSVOA_W

ClientSampleId :

WS-SB05-6.0-6.5

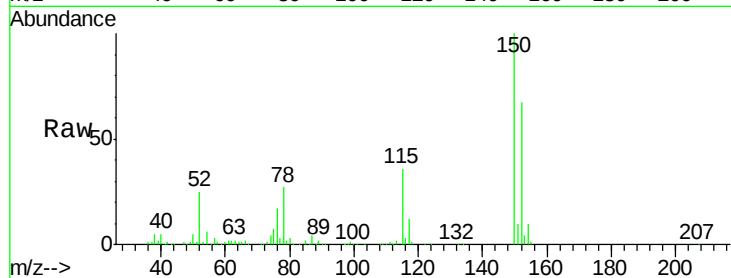
Tot Ion:152 Resp: 83047

Ion Ratio Lower Upper

152 100

115 57.4 30.0 90.1

150 152.9 0.0 349.0



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

