

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012642.D
 Acq On : 05 Sep 2019 15:54
 Operator : SY/VA
 Sample : K4639-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-01

Quant Time: Sep 05 17:07:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154560	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.88	113	124428	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.32	98	500426	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.62	95	162931	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

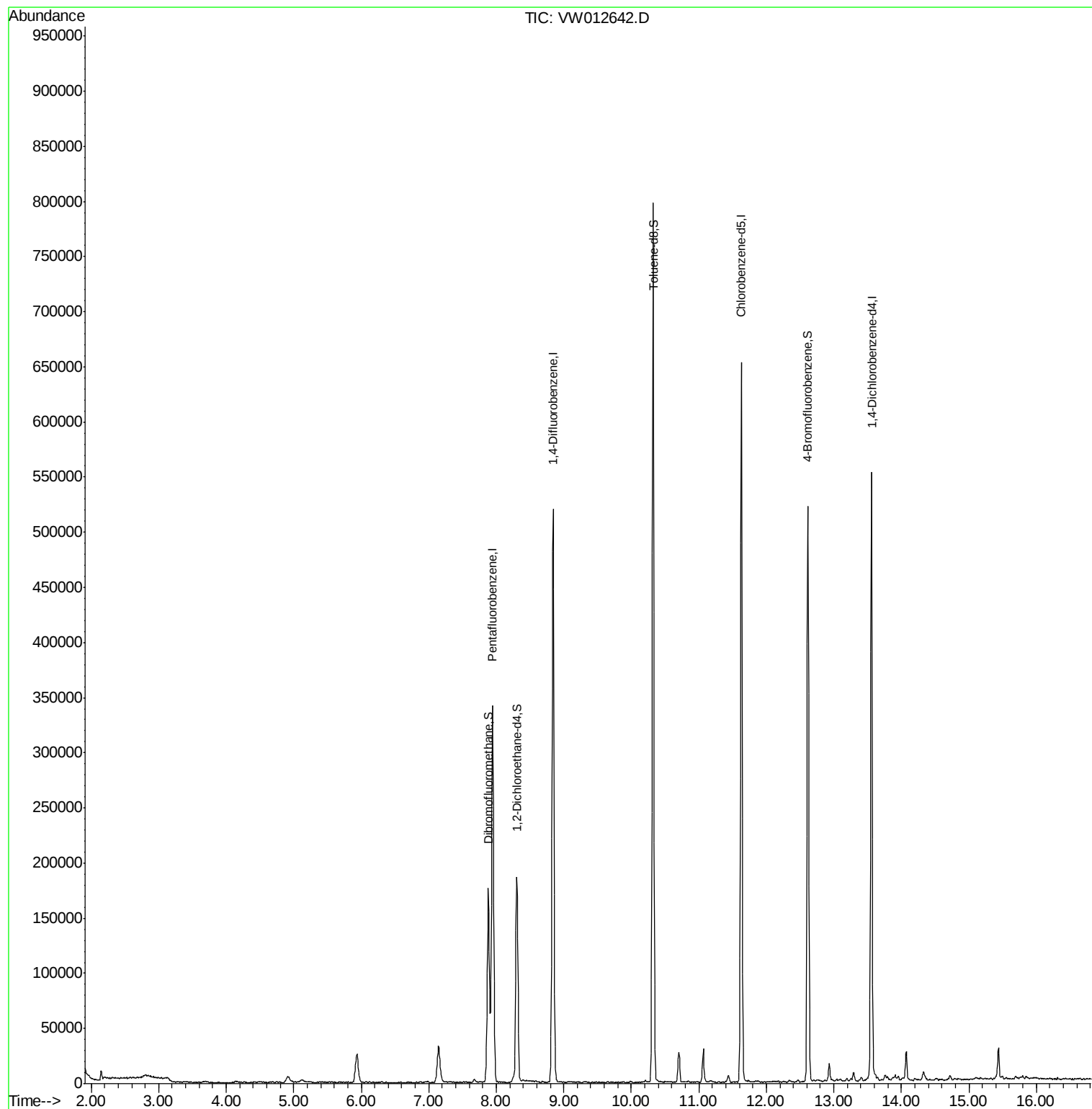
Target Compounds	Qvalue

(#) = 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: VW012642.D

Acq: 05 Sep 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

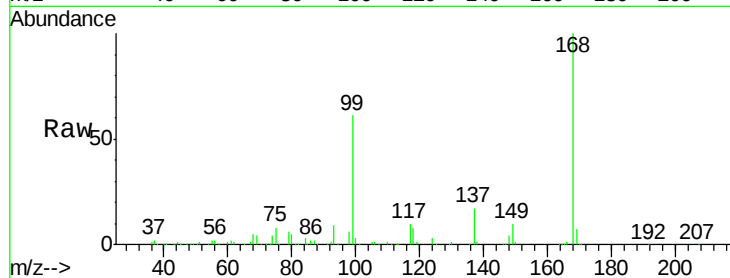
SS-01

Tot Ion:168 Resp: 251647

Ion Ratio Lower Upper

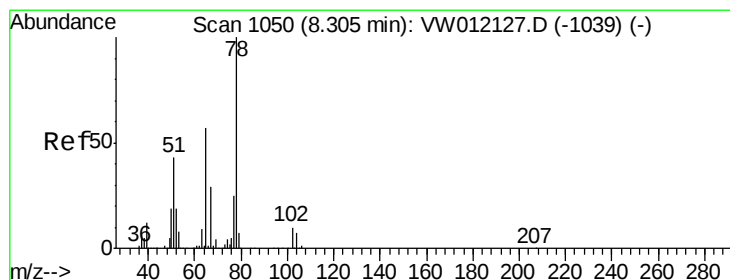
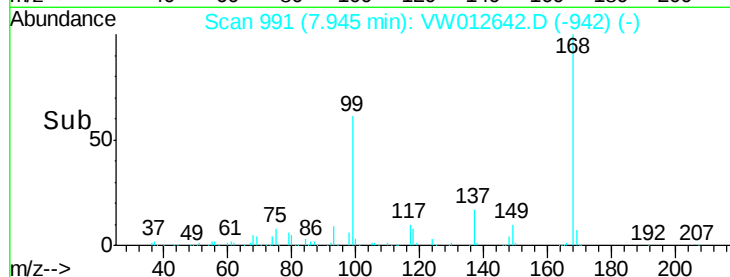
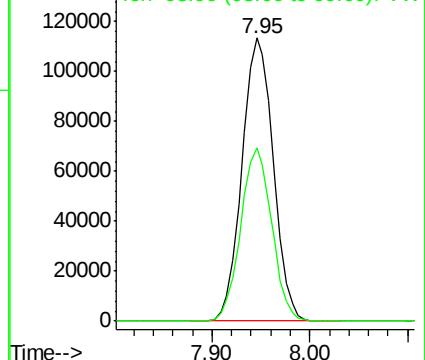
168 100

99 61.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.667 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012642.D

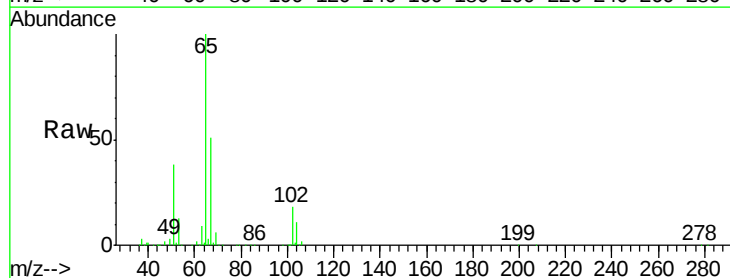
Acq: 05 Sep 2019 15:54

Tgt Ion: 65 Resp: 154560

Ion Ratio Lower Upper

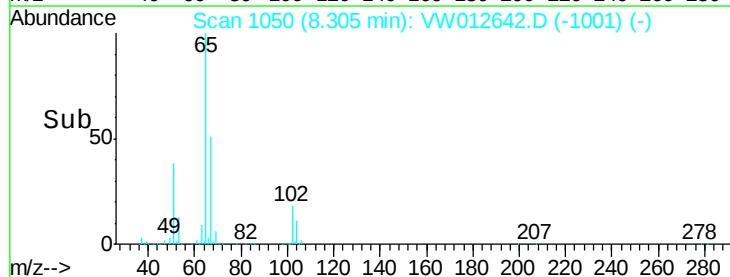
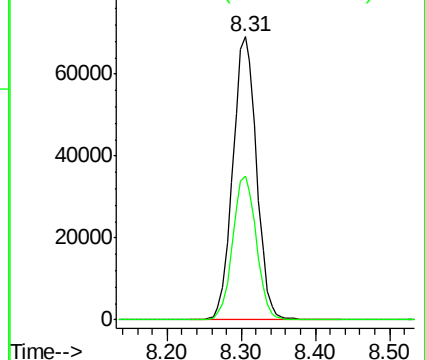
65 100

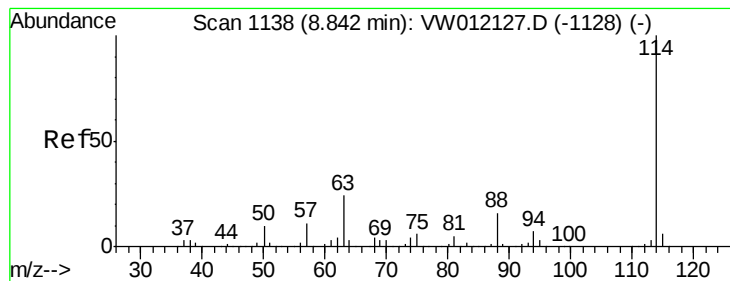
67 50.7 0.0 102.6



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: VW012642.D

Acq: 05 Sep 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

SS-01

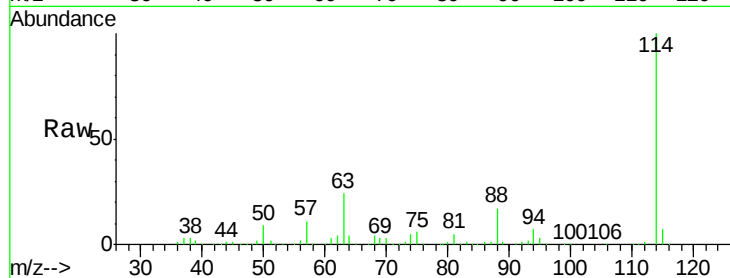
Tot Ion:114 Resp: 410020

Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.6

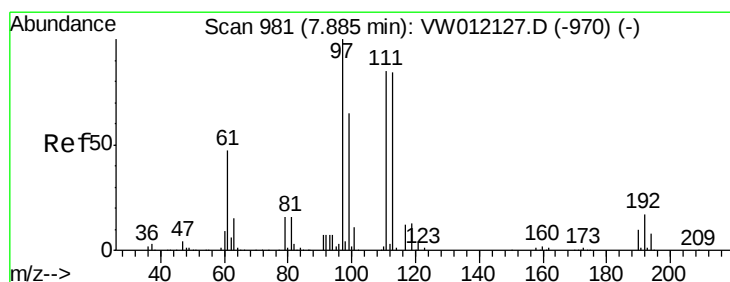
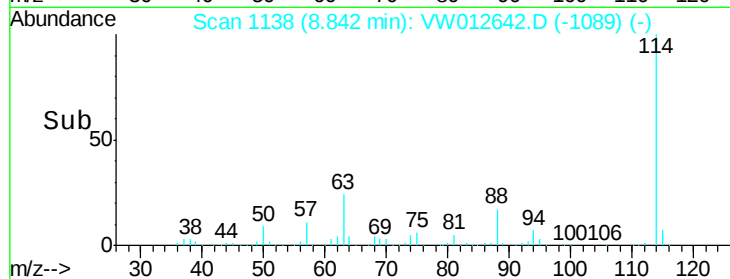
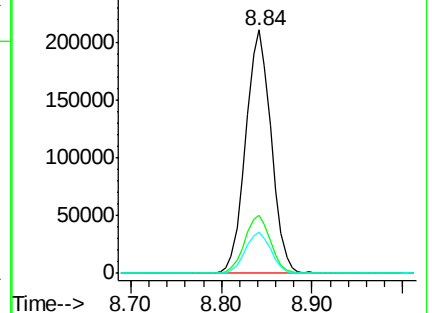
88 16.9 0.0 32.2



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: 50.840 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012642.D

Acq: 05 Sep 2019 15:54

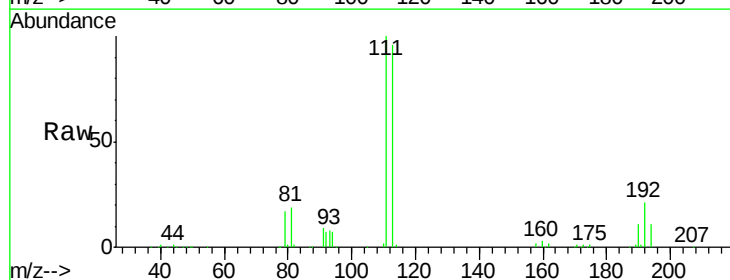
Tgt Ion:113 Resp: 124428

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

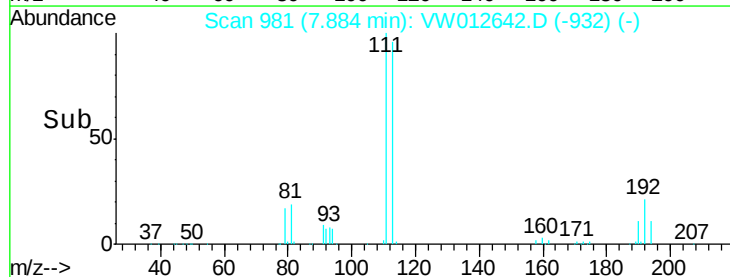
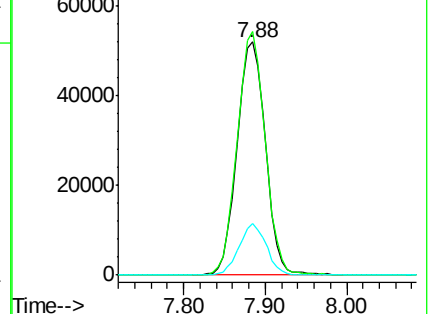
192 21.2 16.2 24.2

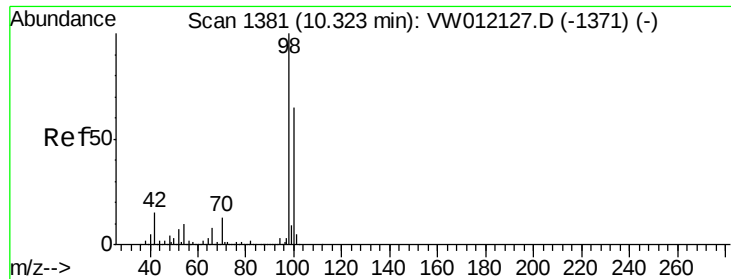


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.428 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012642.D

Acq: 05 Sep 2019 15:54

Instrument :

MSVOA_W

ClientSampleId :

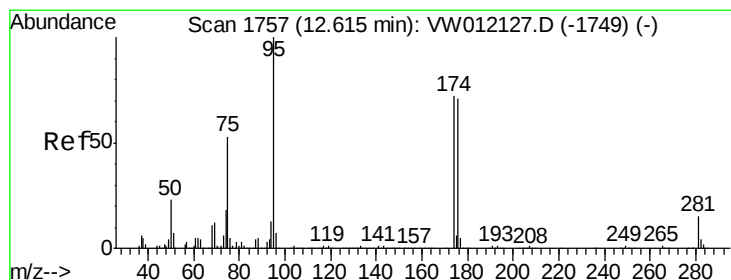
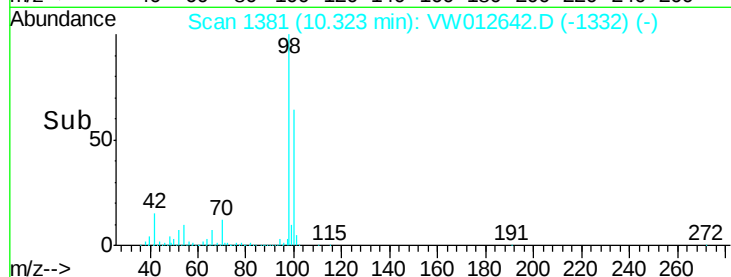
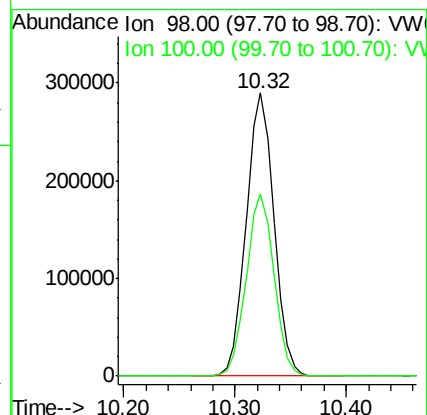
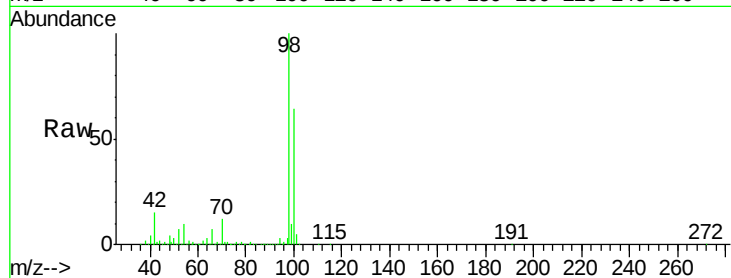
SS-01

Tot Ion: 98 Resp: 500426

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.578 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012642.D

Acq: 05 Sep 2019 15:54

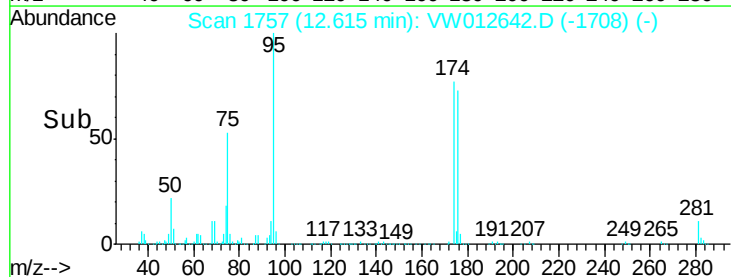
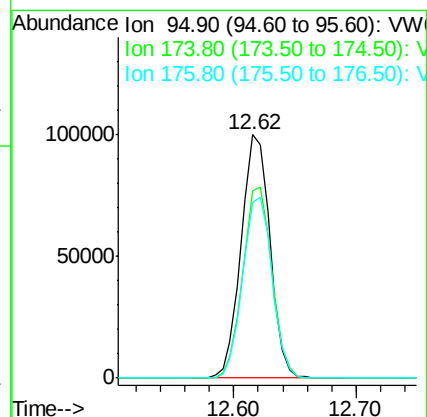
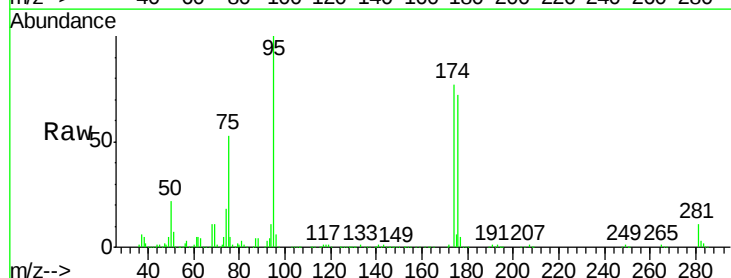
Tgt Ion: 95 Resp: 162931

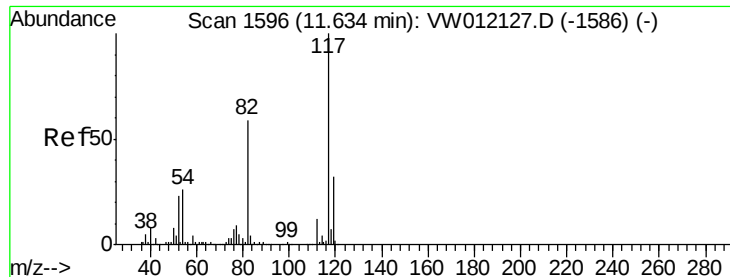
Ion Ratio Lower Upper

95 100

174 79.5 0.0 150.8

176 76.1 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012642.D

Acq: 05 Sep 2019 15:54

Instrument :

MSVOA_W

ClientSampled :

SS-01

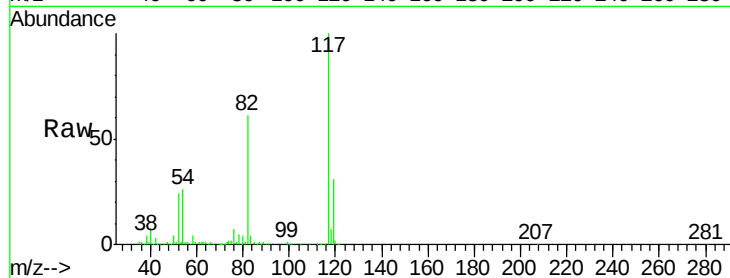
Tot Ion:117 Resp: 347227

Ion Ratio Lower Upper

117 100

82 61.1 47.4 71.2

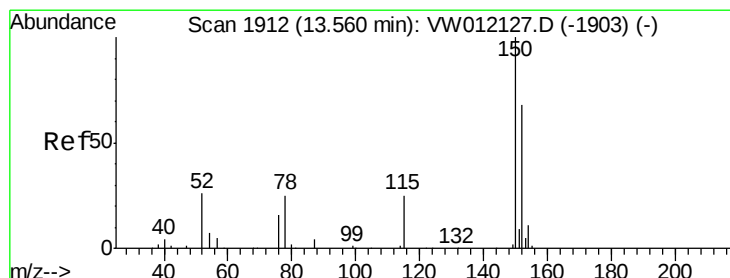
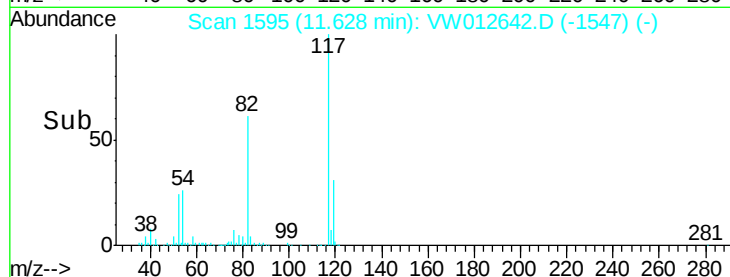
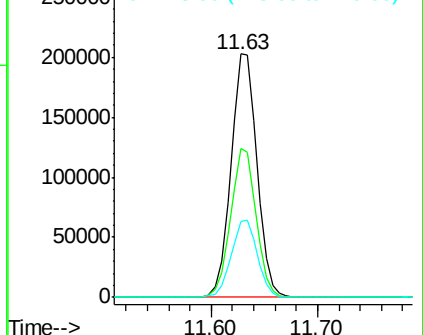
119 31.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012642.D

Acq: 05 Sep 2019 15:54

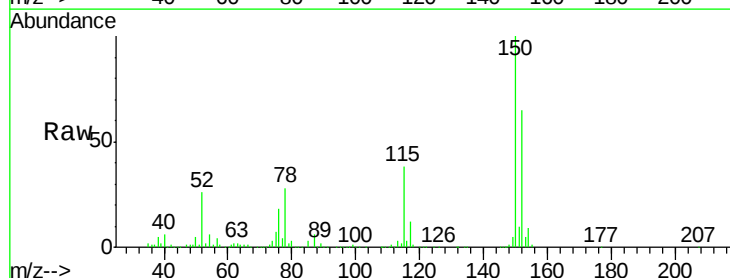
Tgt Ion:152 Resp: 142325

Ion Ratio Lower Upper

152 100

115 58.9 30.1 90.3

150 157.0 0.0 345.8



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

