

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011097.D
 Acq On : 01 Jul 2019 20:42
 Operator : SY/VA
 Sample : K3634-01
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HJOC-GRAB-2

Quant Time: Jul 02 09:26:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141161	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.88	113	105181	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.32	98	437112	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.62	95	144954	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

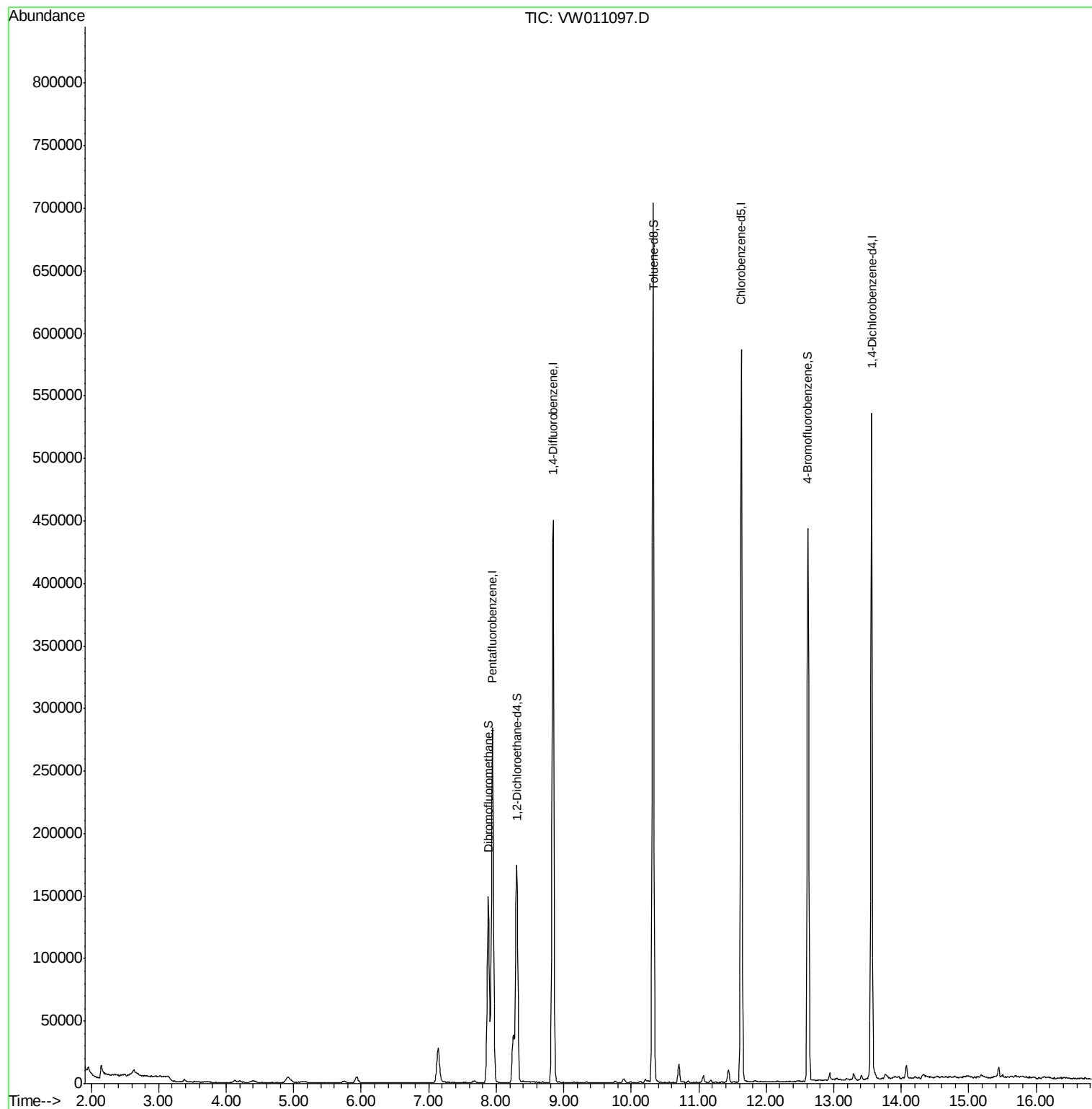
Target Compounds	Qvalue

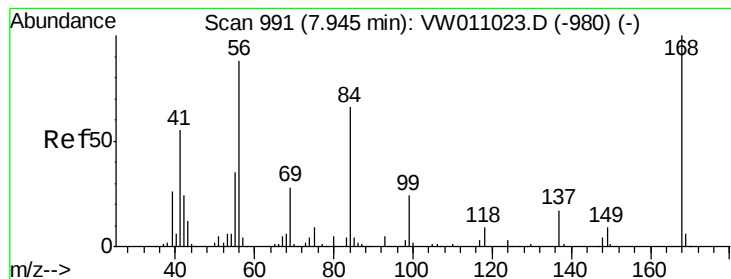
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011097.D

Acq: 01 Jul 2019 20:42

Instrument :

MSVOA_W

ClientSampleId :

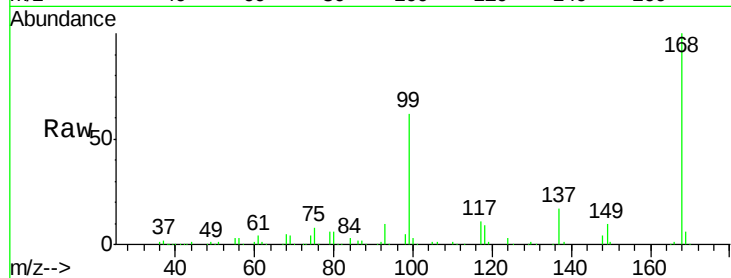
HJOC-GRAB-2

Tot Ion:168 Resp: 205030

Ion Ratio Lower Upper

168 100

99 61.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

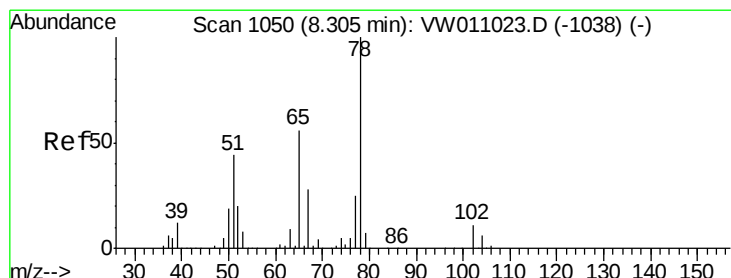
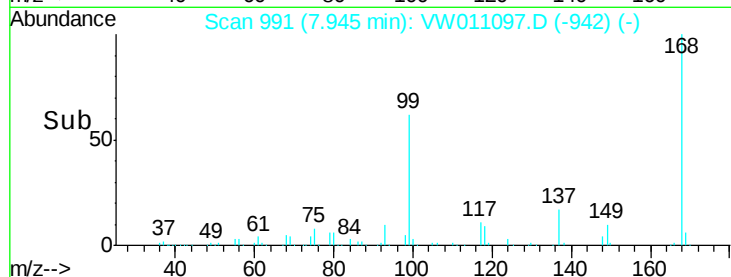
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.666 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011097.D

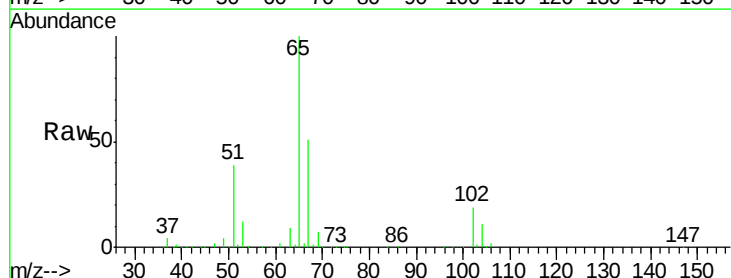
Acq: 01 Jul 2019 20:42

Tgt Ion: 65 Resp: 141161

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

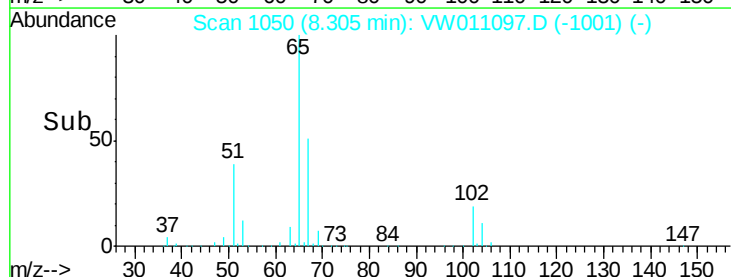
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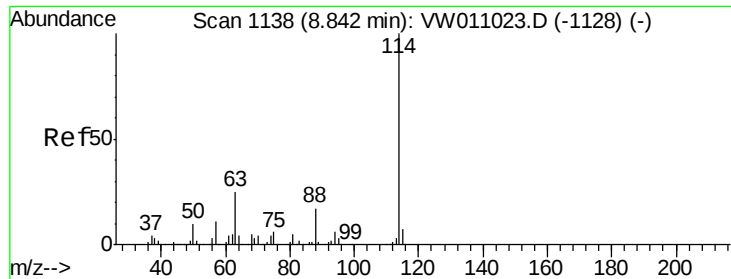
40000

20000

0

Time--> 8.20 8.30 8.40

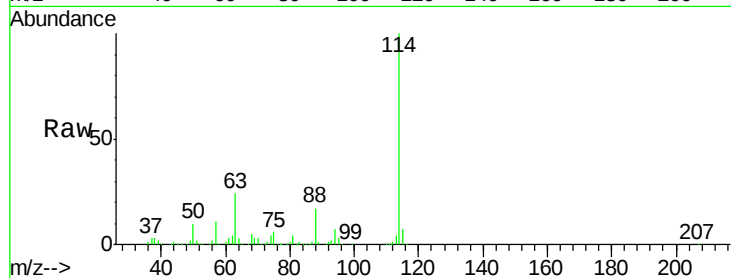




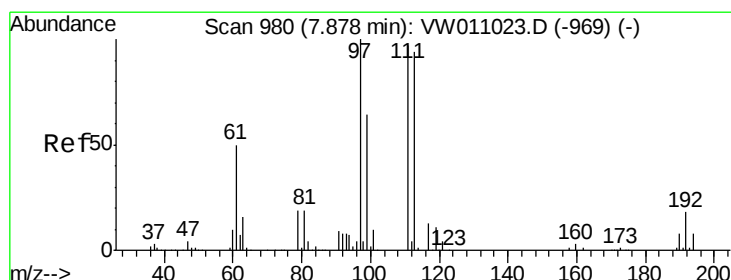
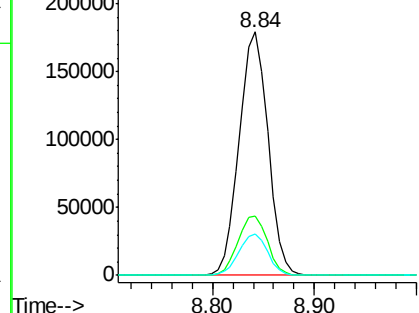
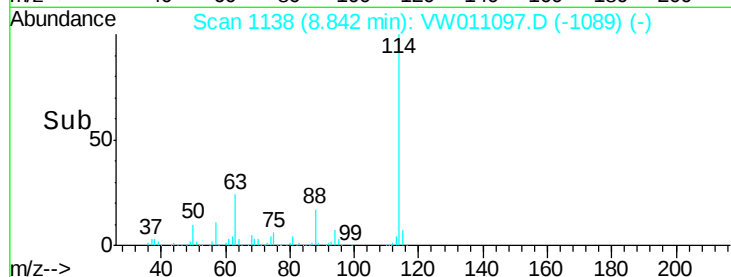
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011097.D
 Acq: 01 Jul 2019 20:42

Instrument :
 MSVOA_W
 ClientSampleId :
 HJOC-GRAB-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	50.6
88	16.9	0.0	34.0

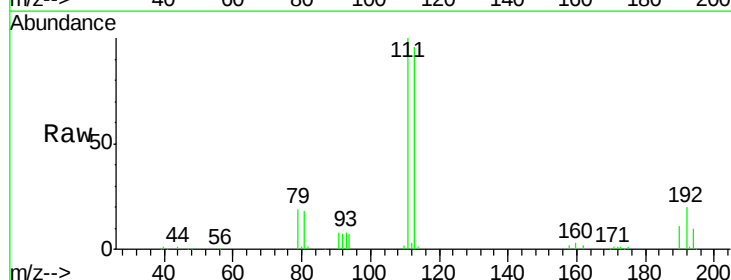


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

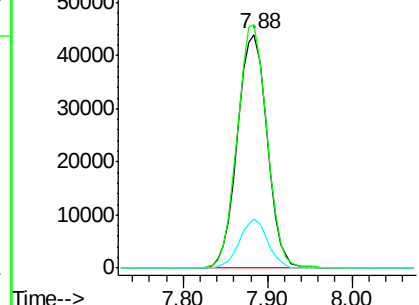
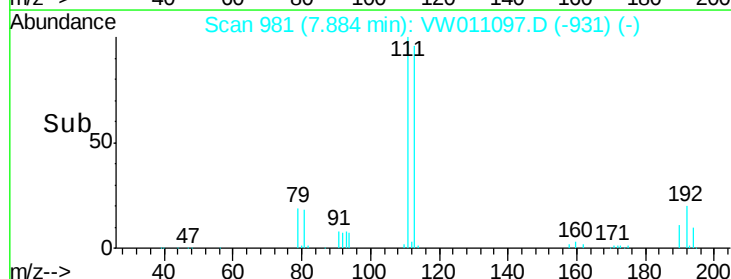


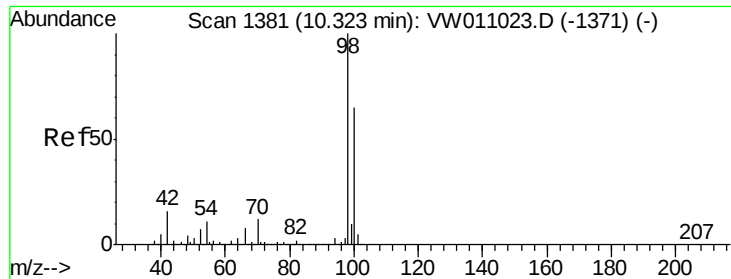
#35
 Dibromofluoromethane
 Concen: 49.045 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011097.D
 Acq: 01 Jul 2019 20:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.8	125.6
192	19.7	16.0	24.0



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: 49.516 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011097.D

Acq: 01 Jul 2019 20:42

Instrument :

MSVOA_W

ClientSampleId :

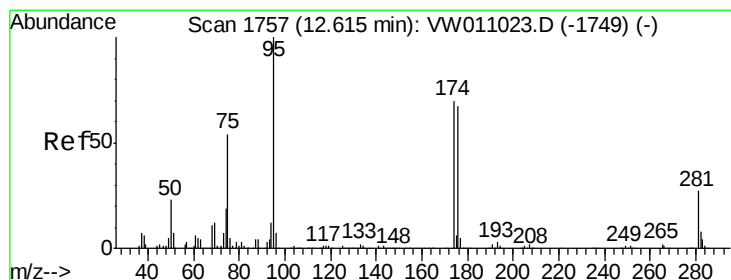
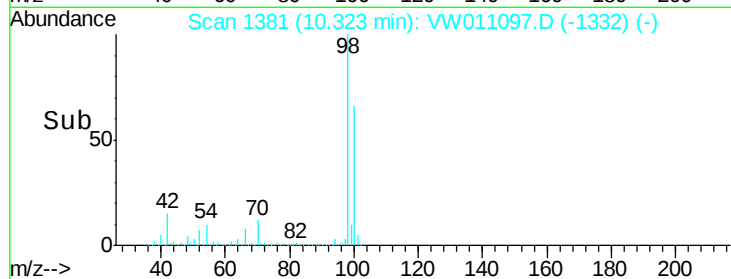
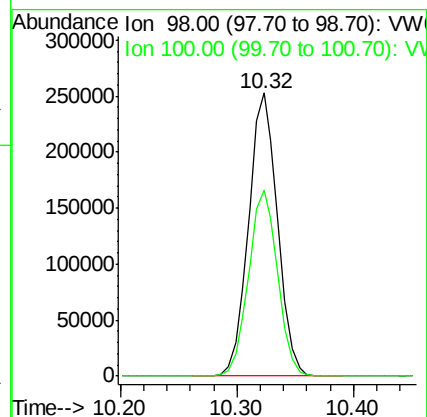
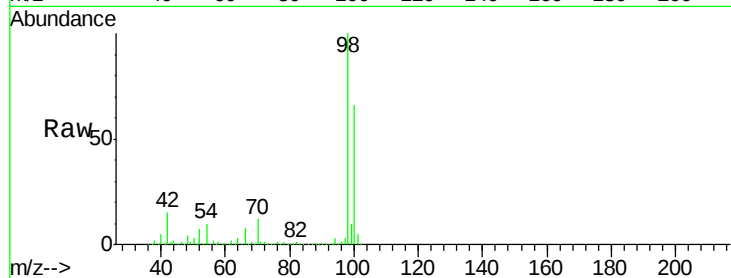
HJOC-GRAB-2

Tot Ion: 98 Resp: 437112

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.895 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011097.D

Acq: 01 Jul 2019 20:42

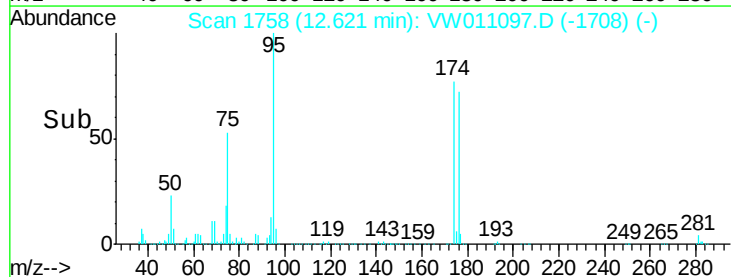
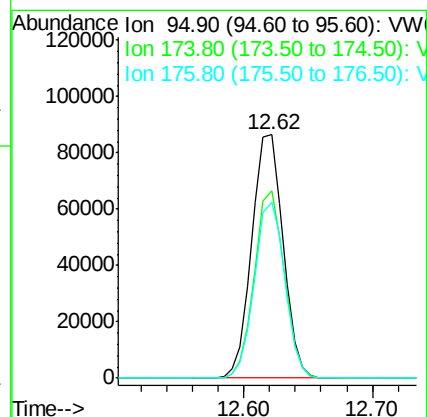
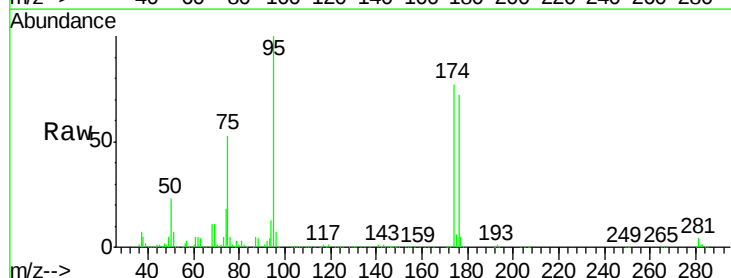
Tgt Ion: 95 Resp: 144954

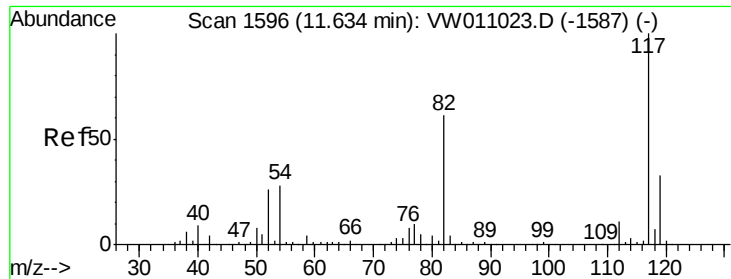
Ion Ratio Lower Upper

95 100

174 73.7 0.0 149.2

176 70.3 0.0 143.6

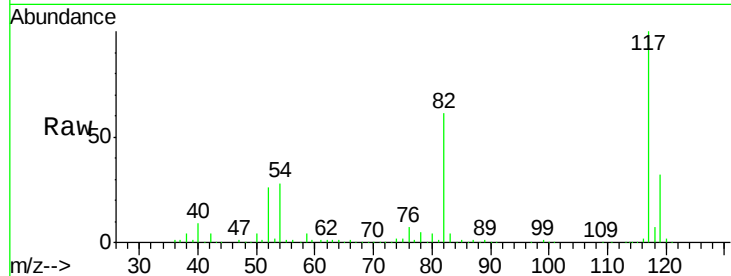




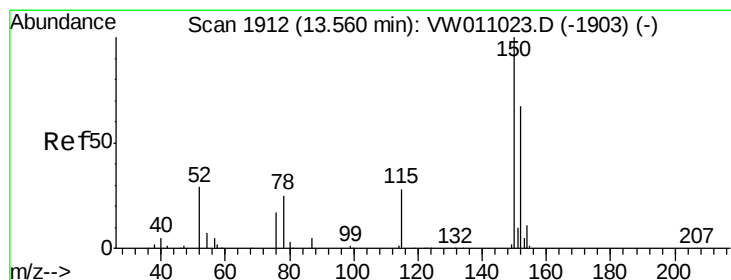
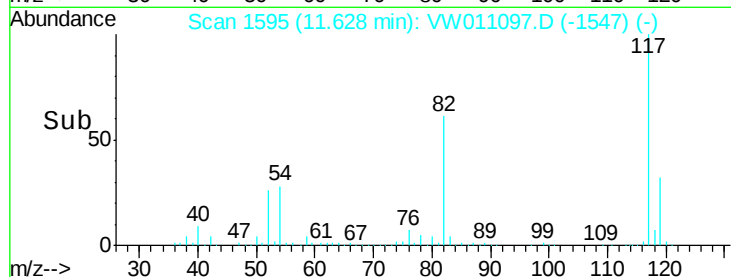
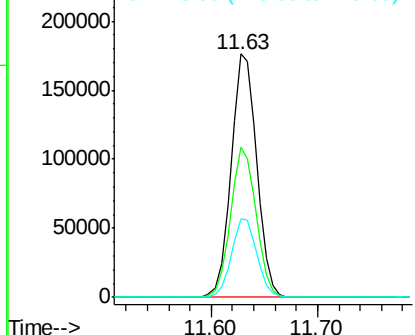
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

Instrument :
MSVOA_W
ClientSampleId :
HJOC-GRAB-2

Tot Ion:117 Resp: 296469
Ion Ratio Lower Upper
117 100
82 61.4 48.6 73.0
119 32.0 26.1 39.1

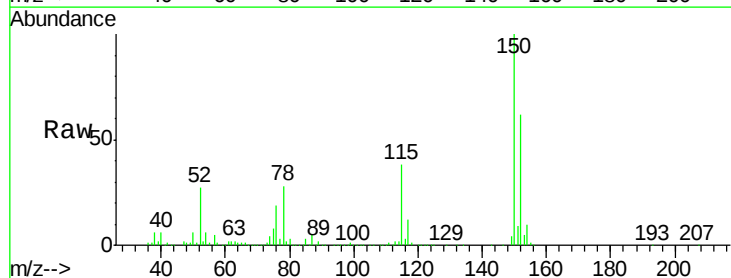


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011097.D
Acq: 01 Jul 2019 20:42

Tgt Ion:152 Resp: 127101
Ion Ratio Lower Upper
152 100
115 60.5 30.7 92.1
150 157.4 0.0 341.8



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

