

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011086.D
 Acq On : 01 Jul 2019 15:48
 Operator : SY/VA
 Sample : K3580-09
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-9.5-10.0

Quant Time: Jul 02 09:10:12 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	198019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125584	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141099	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	106418	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.32	98	429454	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.62	95	142800	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

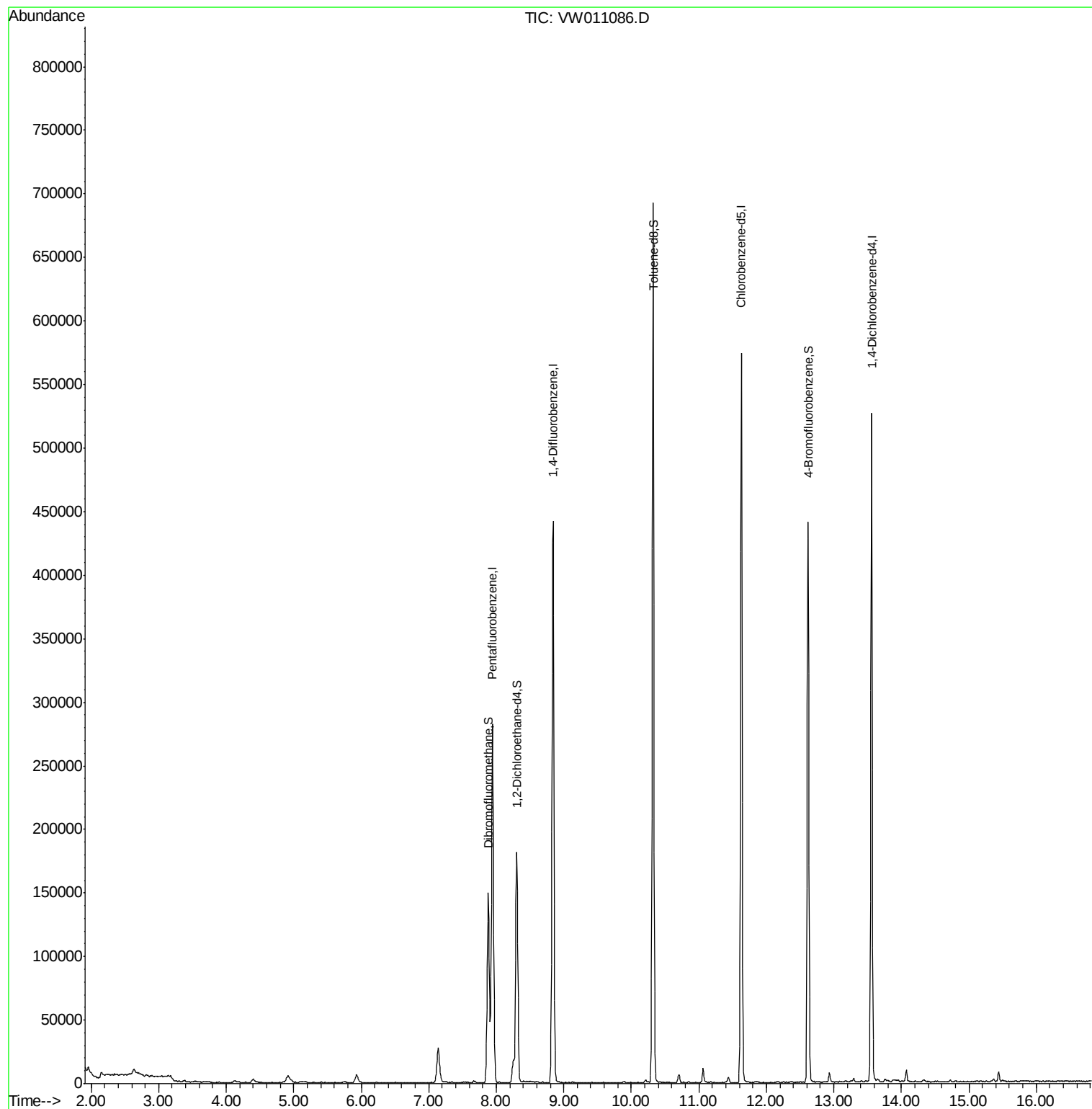
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011086.D

Acq: 01 Jul 2019 15:48

Instrument :

MSVOA_W

ClientSampleId :

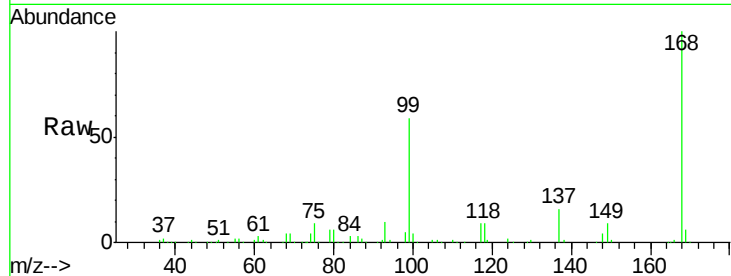
SB-15-9.5-10.0

Tot Ion:168 Resp: 198019

Ion Ratio Lower Upper

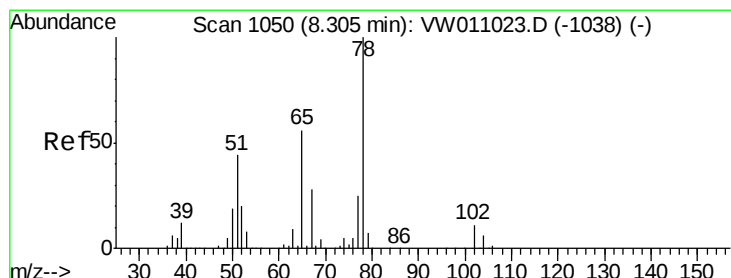
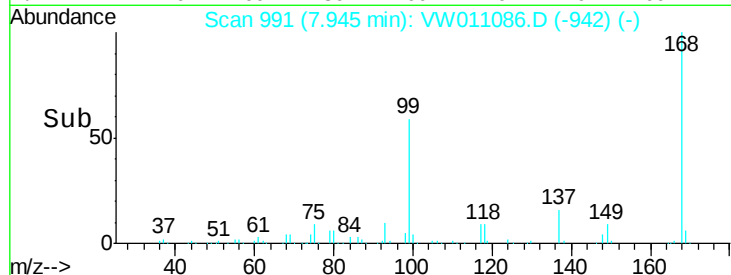
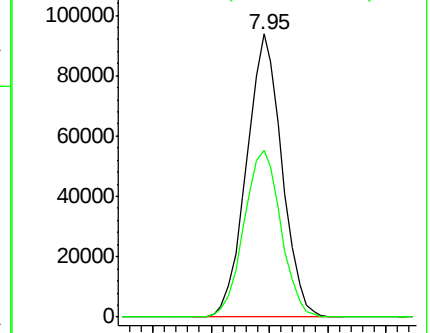
168 100

99 59.1 47.8 71.6



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: 54.507 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011086.D

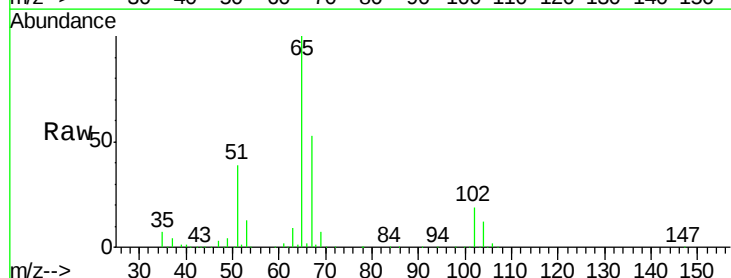
Acq: 01 Jul 2019 15:48

Tgt Ion: 65 Resp: 141099

Ion Ratio Lower Upper

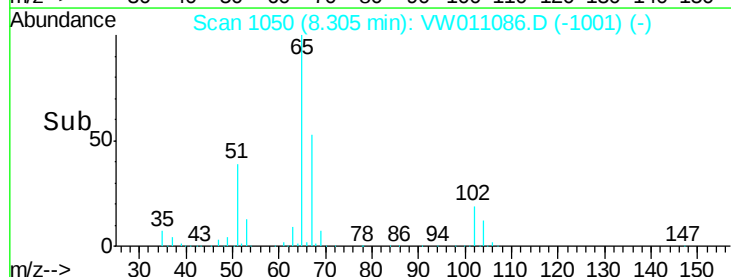
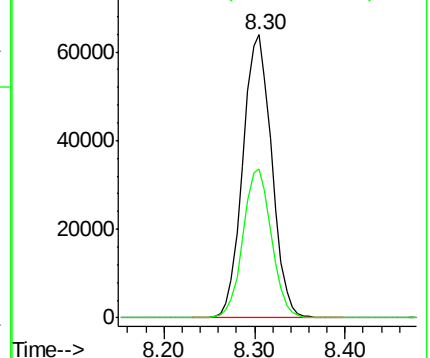
65 100

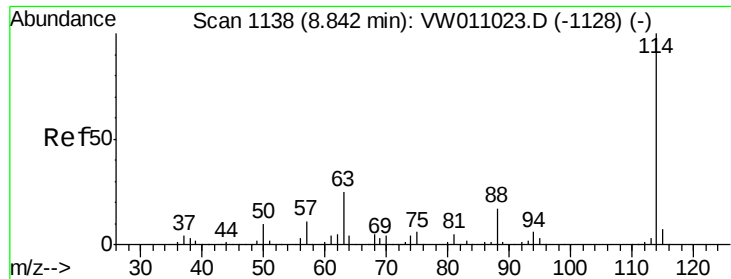
67 51.8 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

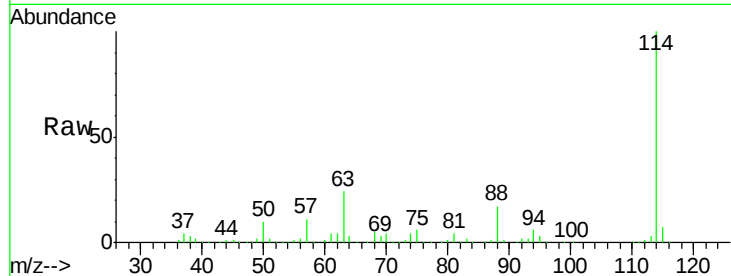




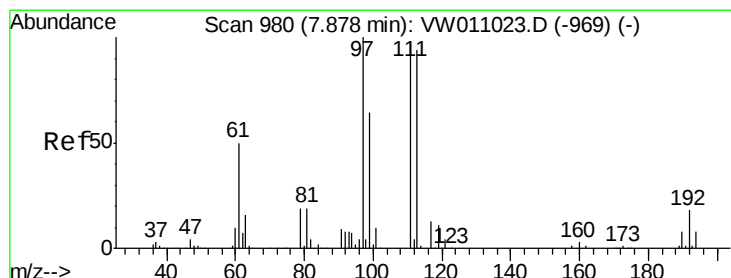
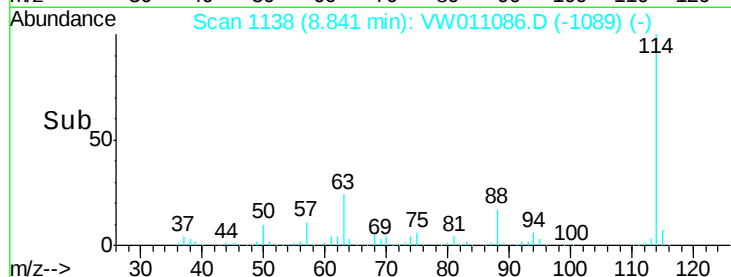
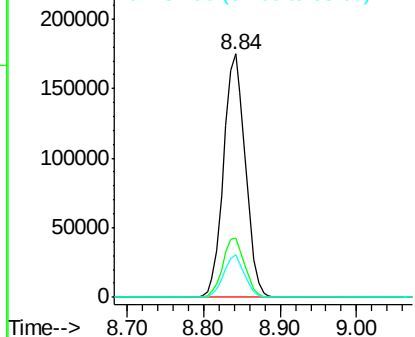
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

Instrument :
MSVOA_W
ClientSampleId :
SB-15-9.5-10.0

Tot Ion:114 Resp: 343488
Ion Ratio Lower Upper
114 100
63 24.2 0.0 50.6
88 17.3 0.0 34.0

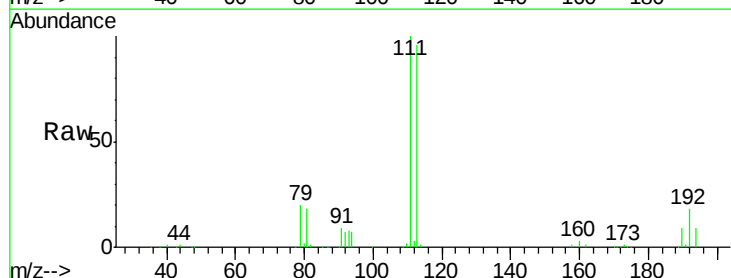


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

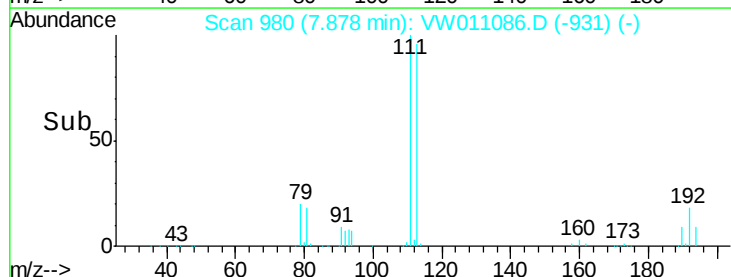
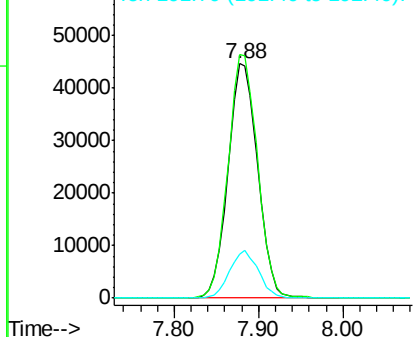


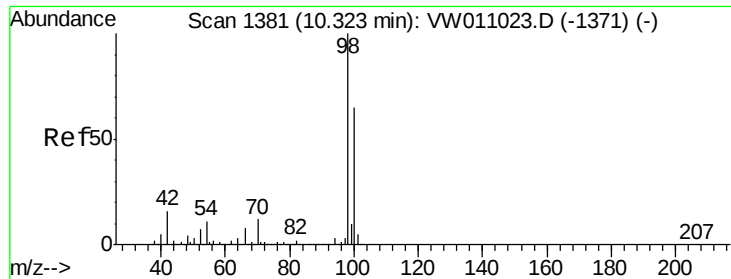
#35
Dibromofluoromethane
Concen: 50.736 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

Tgt Ion:113 Resp: 106418
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 19.8 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: 49.741 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

Instrument :

MSVOA_W

ClientSampled :

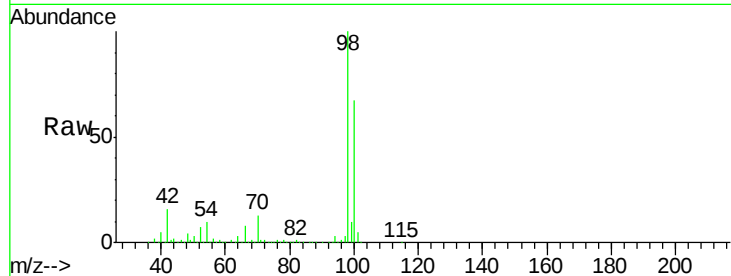
SB-15-9.5-10.0

Tot Ion: 98 Resp: 429454

Ion Ratio Lower Upper

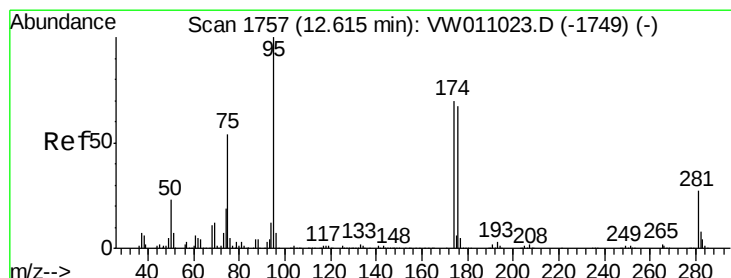
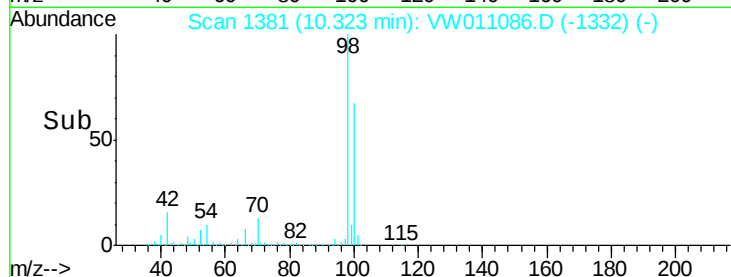
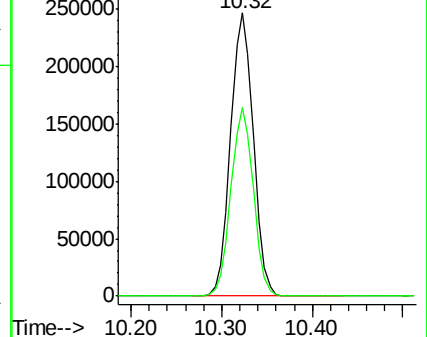
98 100

100 65.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.221 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

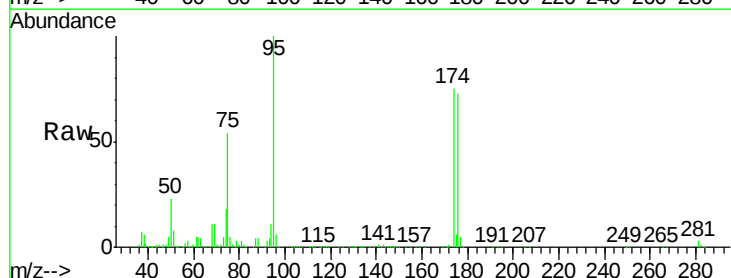
Tgt Ion: 95 Resp: 142800

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.2

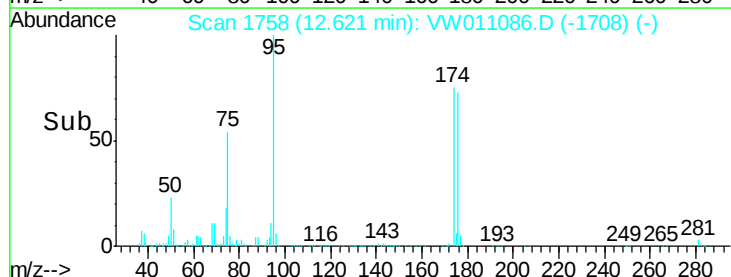
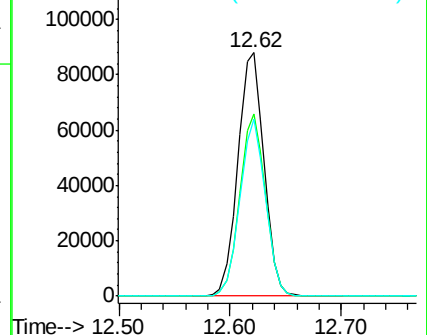
176 70.7 0.0 143.6

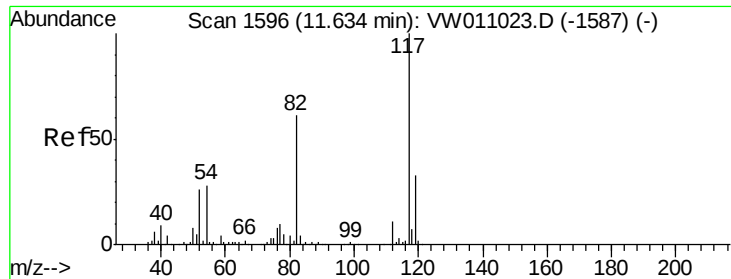


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

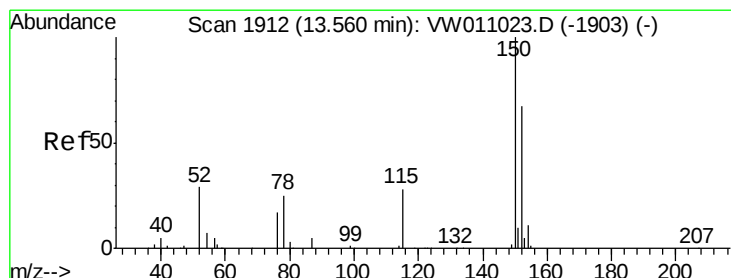
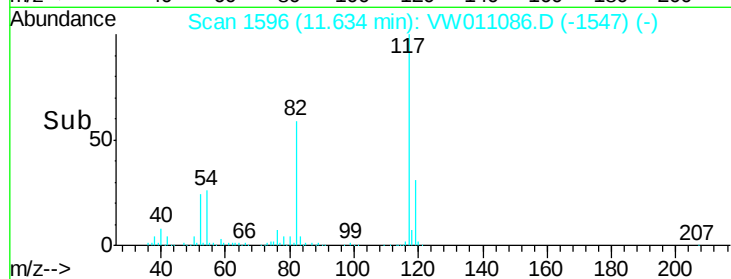
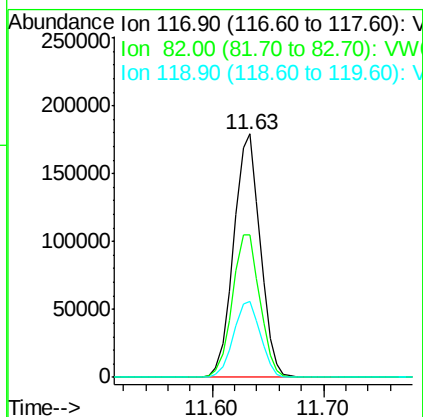
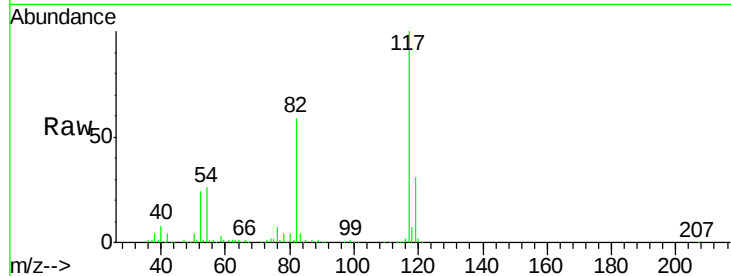




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

Instrument :
MSVOA_W
ClientSampleId :
SB-15-9.5-10.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.6	73.0
119	31.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.7	92.1
150	158.3	0.0	341.8

