

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013138.D
 Acq On : 19 Sep 2019 03:41
 Operator : SY/VA
 Sample : K4924-11
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-45-6.5-7.0

Quant Time: Sep 19 09:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	353142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	529935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	442008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197208	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146580	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
35) Dibromofluoromethane	7.88	113	143236	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.32	98	614775	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
62) 4-Bromofluorobenzene	12.62	95	190924	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

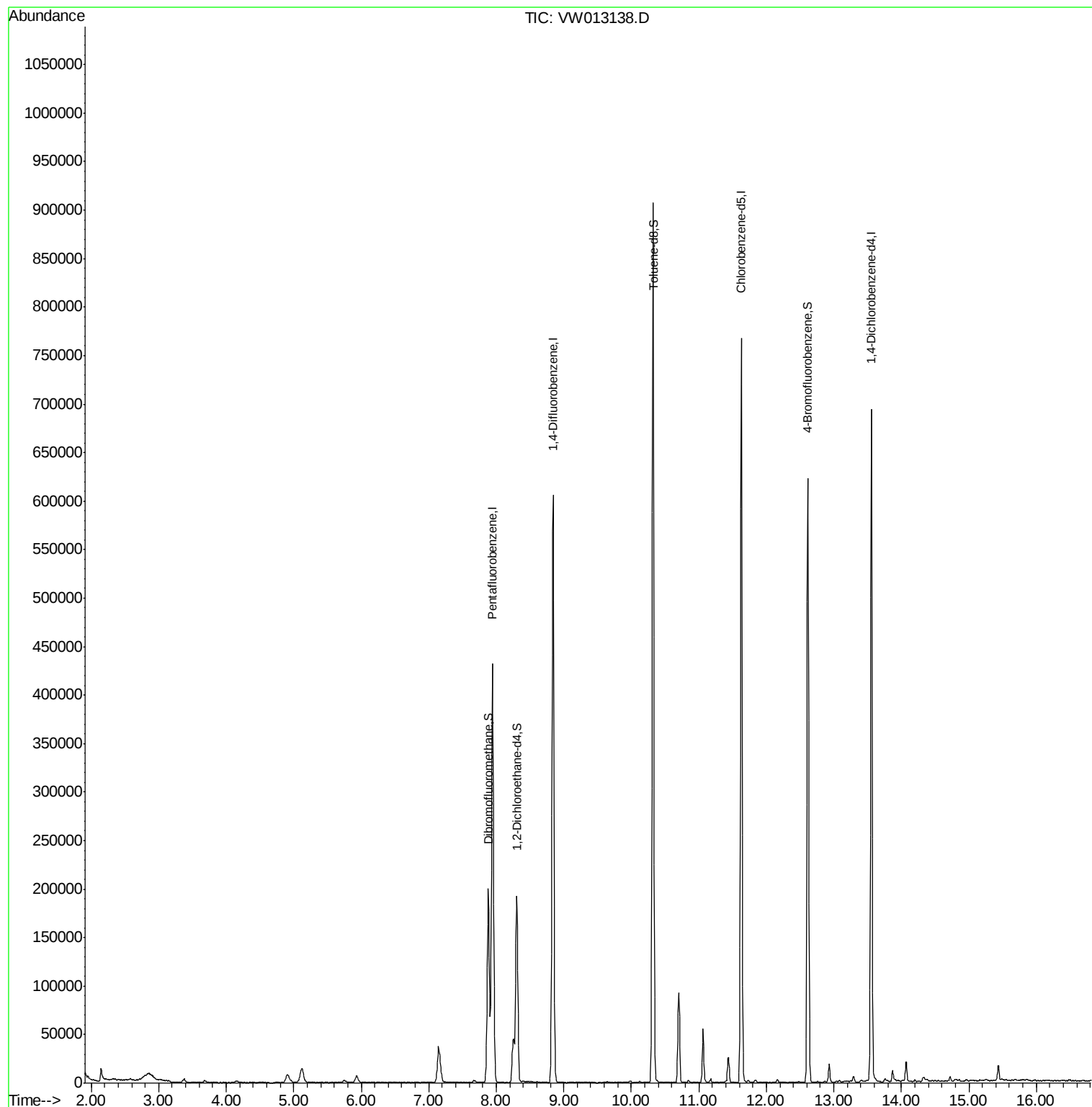
Target Compounds	Qvalue

(#) = 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: VW013138.D

Acq: 19 Sep 2019 03:41

Instrument :

MSVOA_W

ClientSampleId :

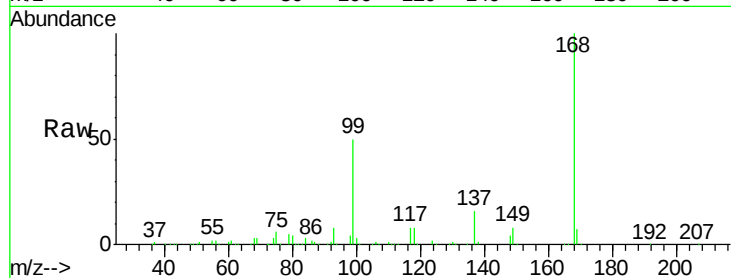
SB-45-6.5-7.0

Tot Ion:168 Resp: 353142

Ion Ratio Lower Upper

168 100

99 49.9 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

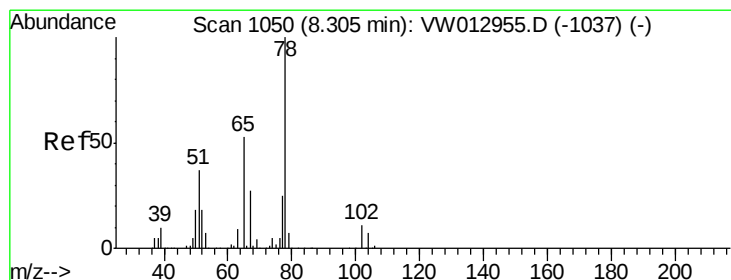
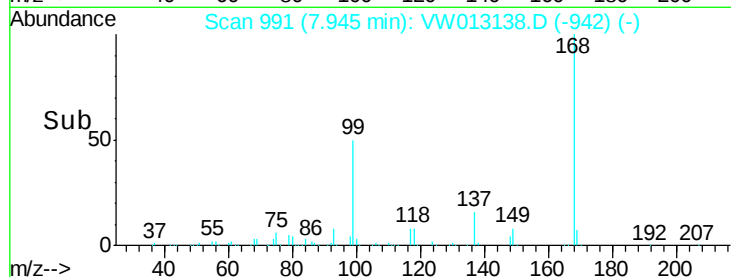
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 44.942 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013138.D

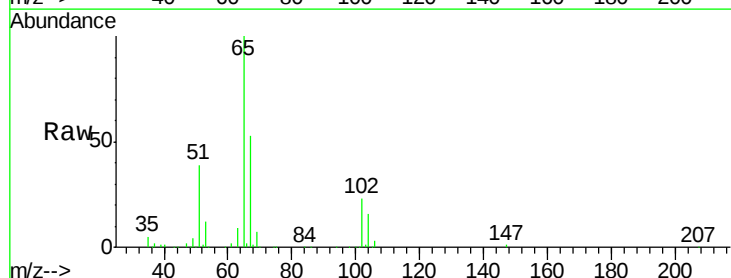
Acq: 19 Sep 2019 03:41

Tgt Ion: 65 Resp: 146580

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

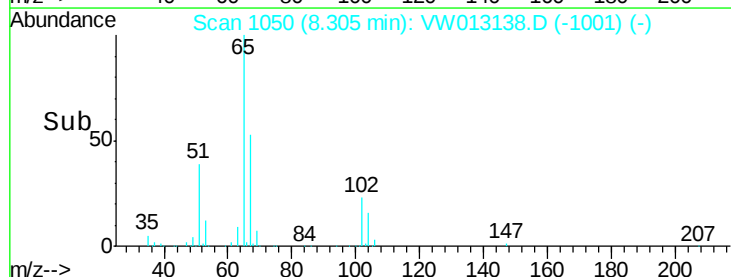
60000

40000

20000

0

Time--> 8.20 8.30 8.40

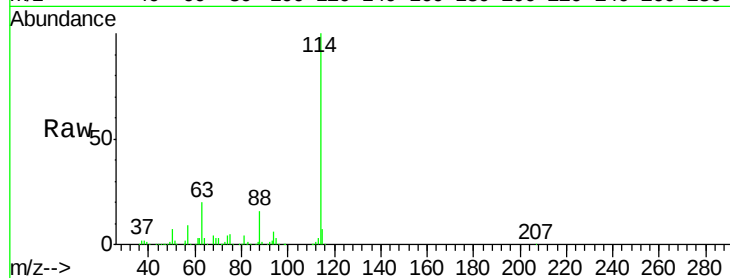




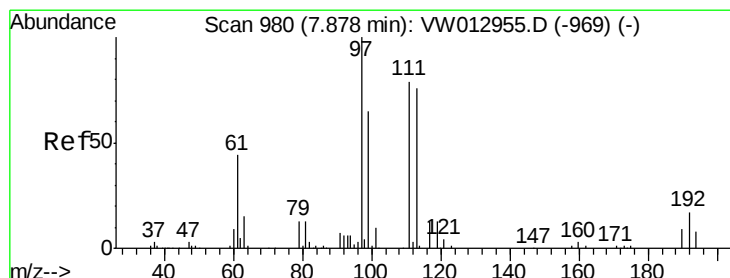
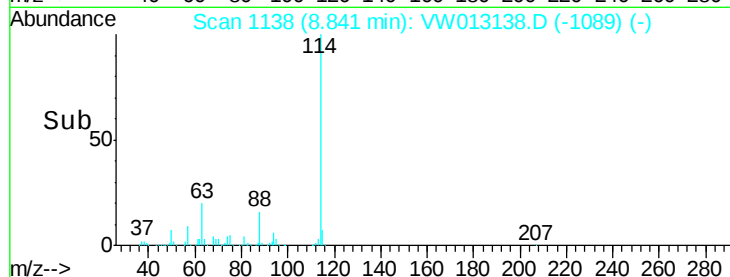
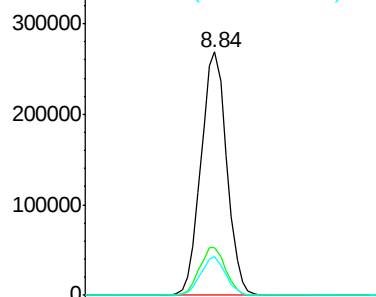
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013138.D
Acq: 19 Sep 2019 03:41

Instrument :
MSVOA_W
ClientSampleId :
SB-45-6.5-7.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	43.4
88	16.1	0.0	31.6

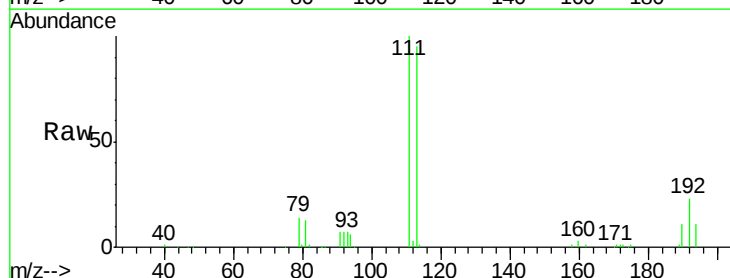


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

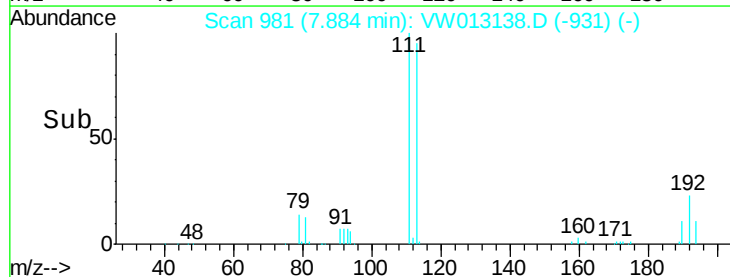
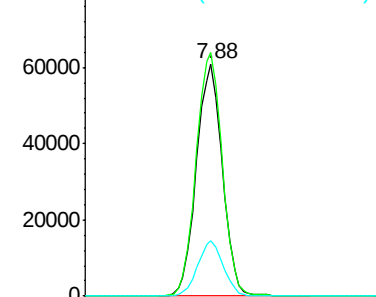


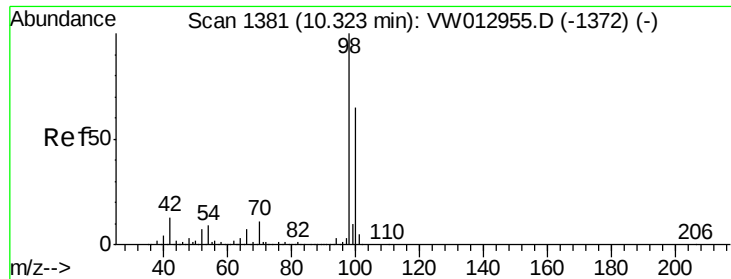
#35
Dibromofluoromethane
Concen: 49.813 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013138.D
Acq: 19 Sep 2019 03:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.8	124.2
192	23.5	17.8	26.8



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

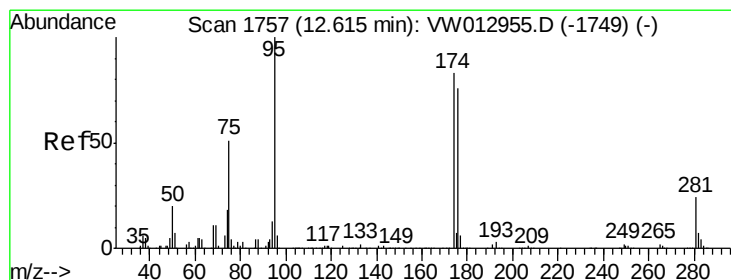
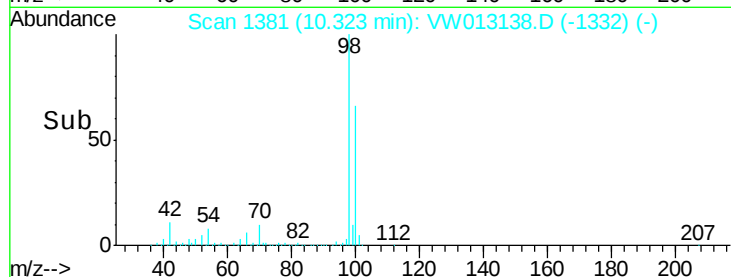
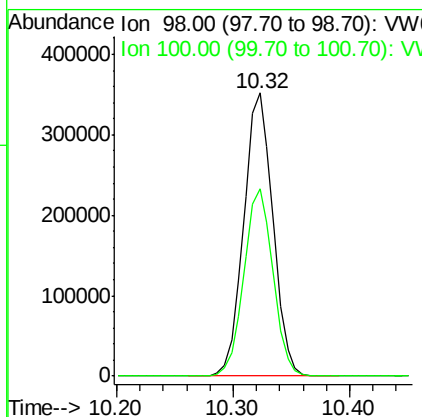
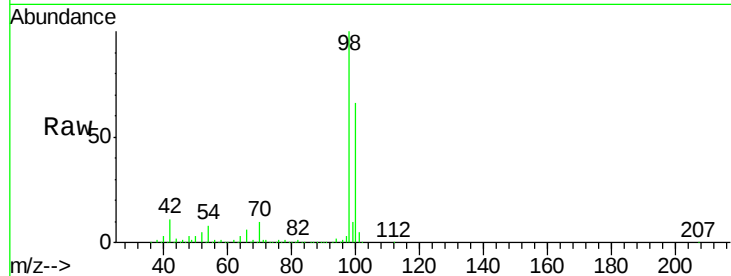




#50
Toluene-d8
Concen: 54.636 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013138.D
Acq: 19 Sep 2019 03:41

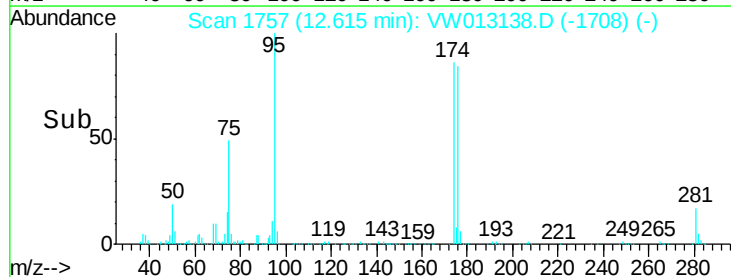
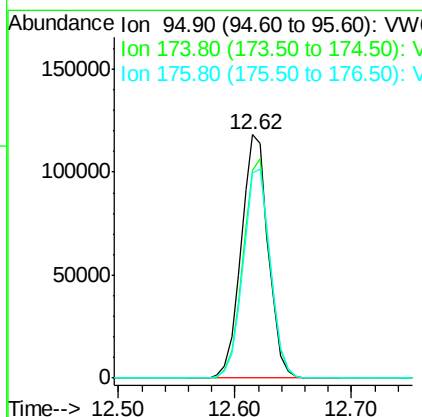
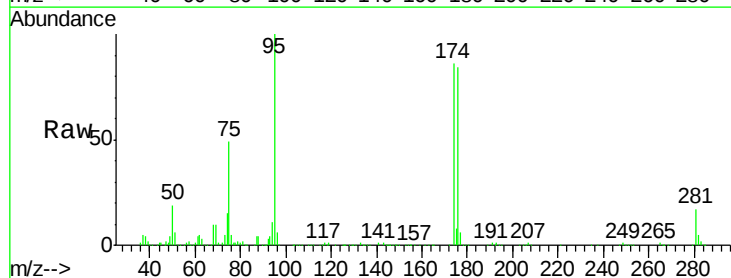
Instrument :
MSVOA_W
ClientSampleId :
SB-45-6.5-7.0

Tot Ion: 98 Resp: 614775
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.188 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013138.D
Acq: 19 Sep 2019 03:41

Tgt Ion: 95 Resp: 190924
Ion Ratio Lower Upper
95 100
174 89.0 0.0 170.4
176 86.9 0.0 164.6

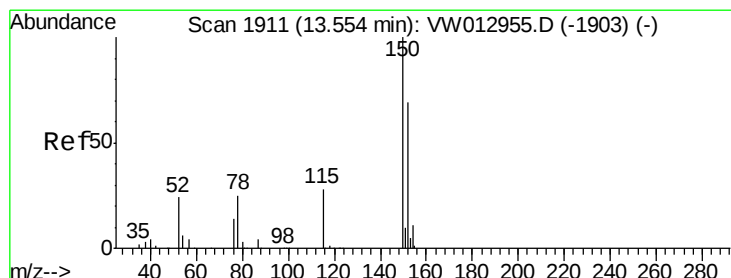
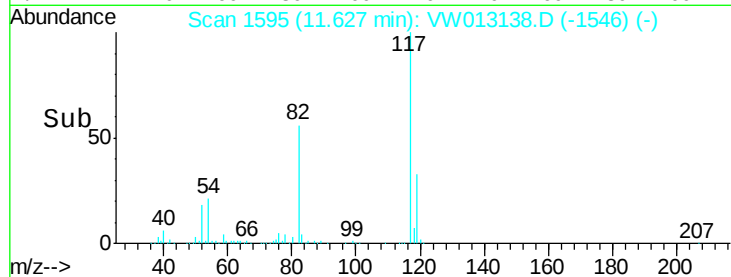
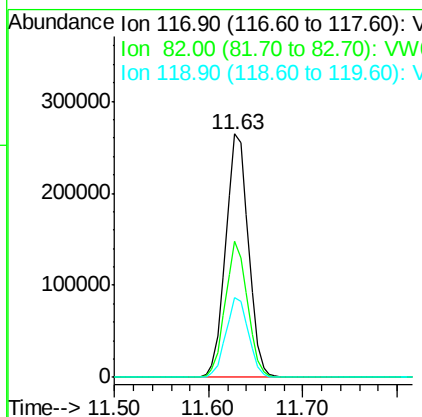
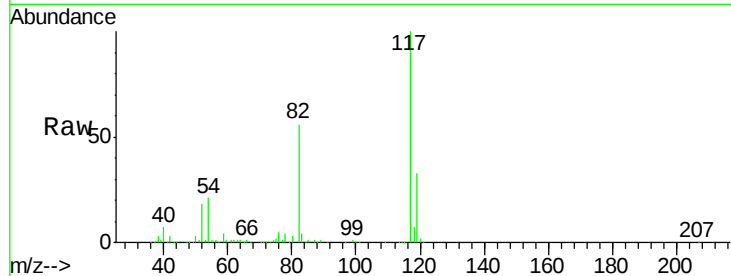




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013138.D
Acq: 19 Sep 2019 03:41

Instrument :
MSVOA_W
ClientSampleId :
SB-45-6.5-7.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.3	69.5
119	32.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013138.D
Acq: 19 Sep 2019 03:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.8	86.4
150	156.3	0.0	340.2

