

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013094.D
 Acq On : 17 Sep 2019 16:55
 Operator : SY/VA
 Sample : K4846-05
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-22-7.5-8.0

Quant Time: Sep 18 06:52:41 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	317273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	482185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174629	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154883	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.88	113	137267	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.32	98	572186	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
62) 4-Bromofluorobenzene	12.62	95	180683	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

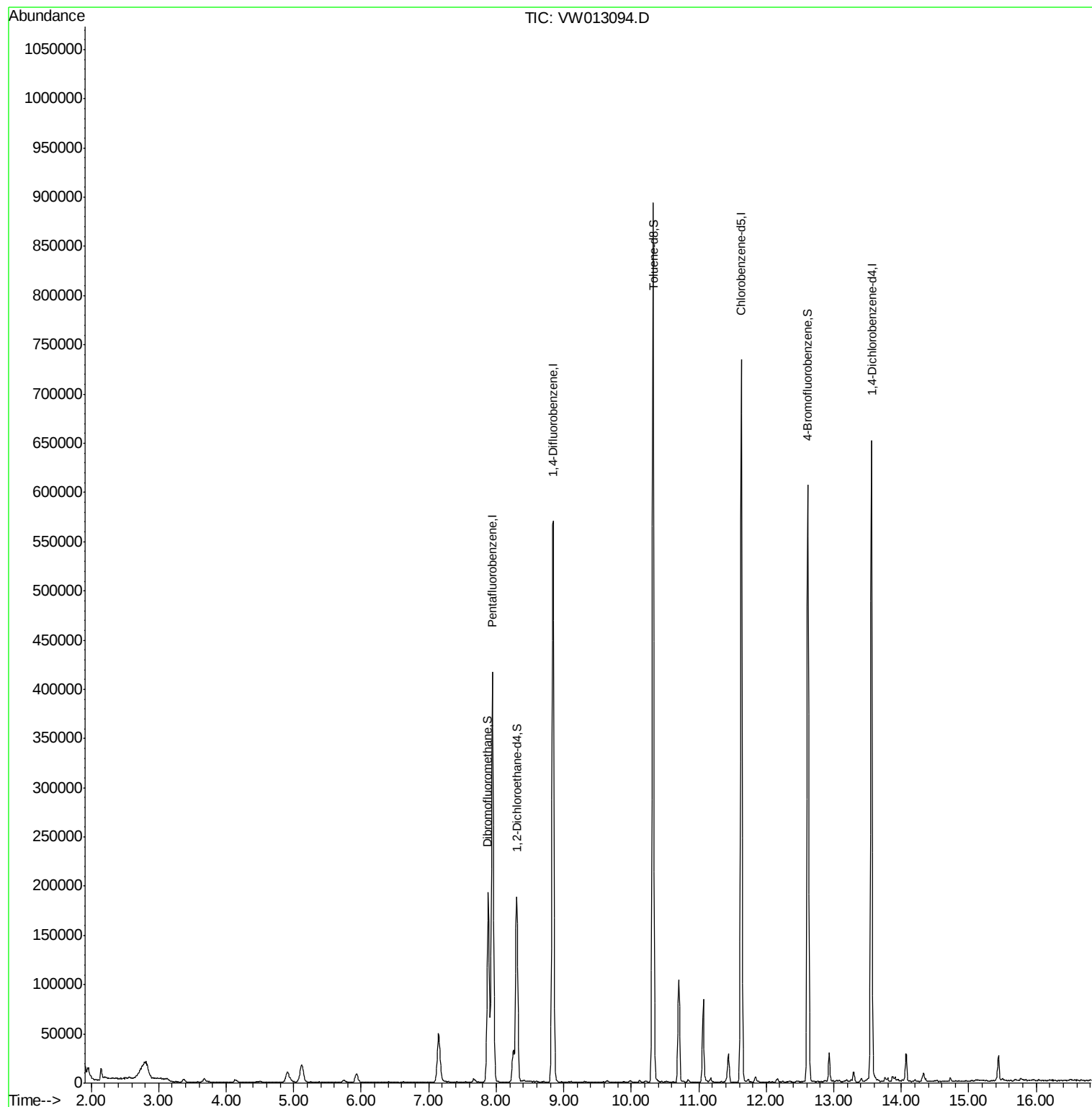
Target Compounds	Qvalue

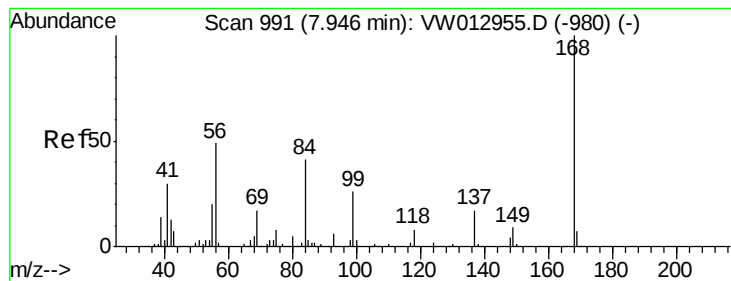
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

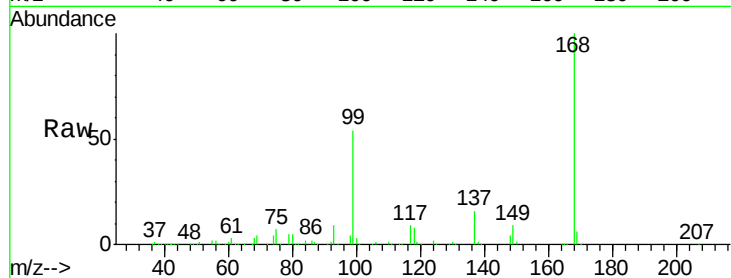
SB-22-7.5-8.0

Tot Ion:168 Resp: 317273

Ion Ratio Lower Upper

168 100

99 53.6 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

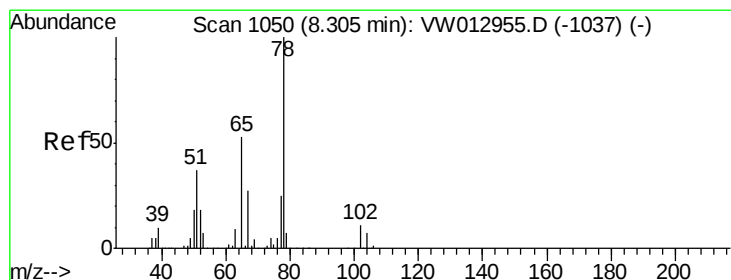
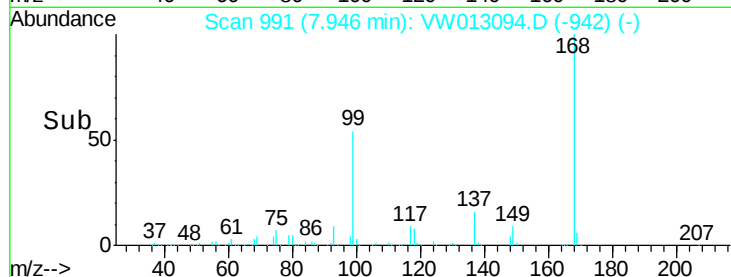
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.857 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013094.D

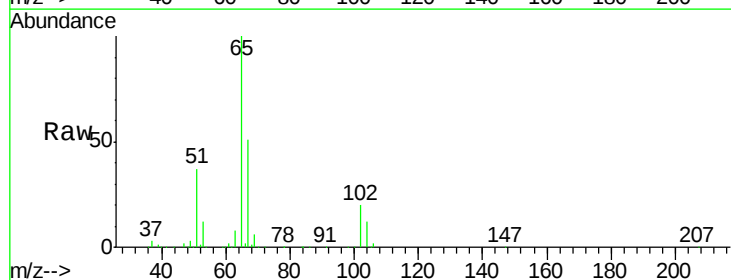
Acq: 17 Sep 2019 16:55

Tgt Ion: 65 Resp: 154883

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

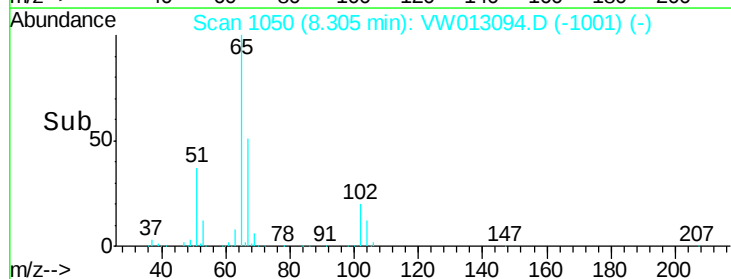
60000

40000

20000

0

Time-->

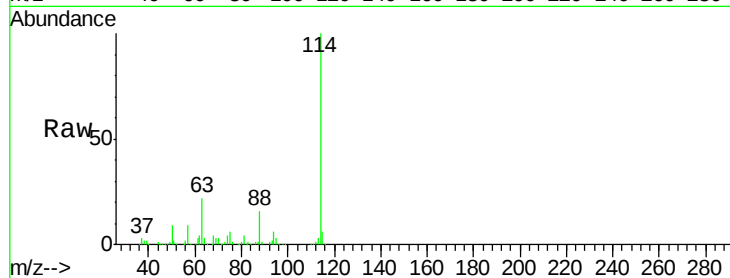




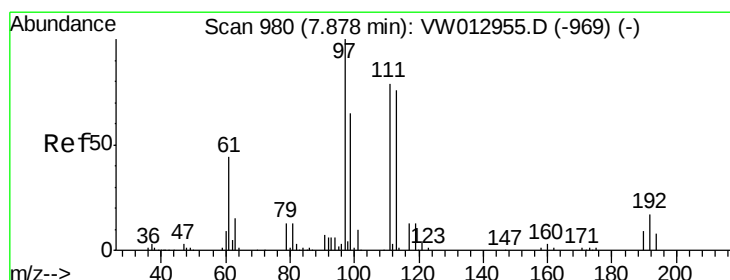
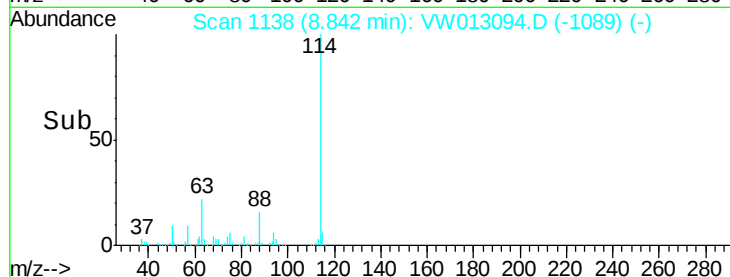
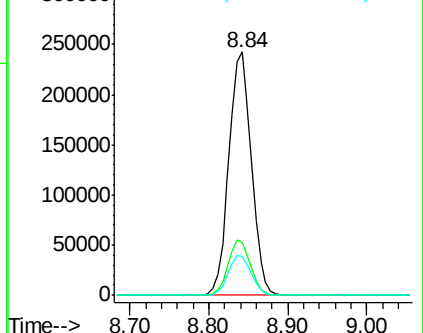
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013094.D
 Acq: 17 Sep 2019 16:55

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-22-7.5-8.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	15.8	0.0	31.6

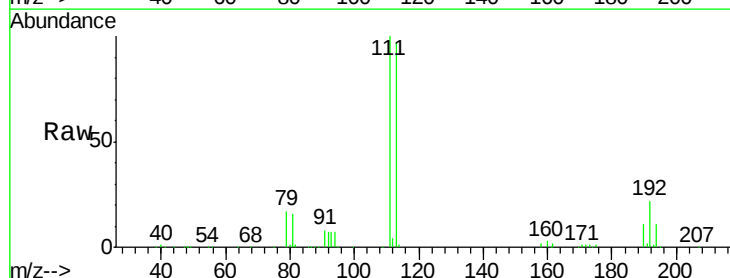


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

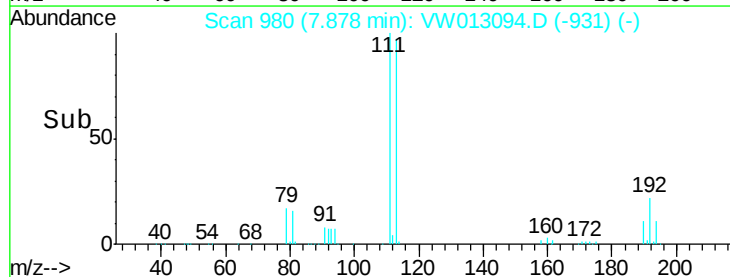
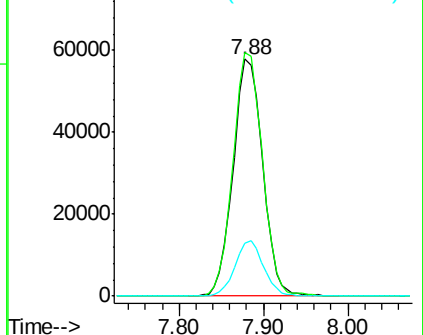


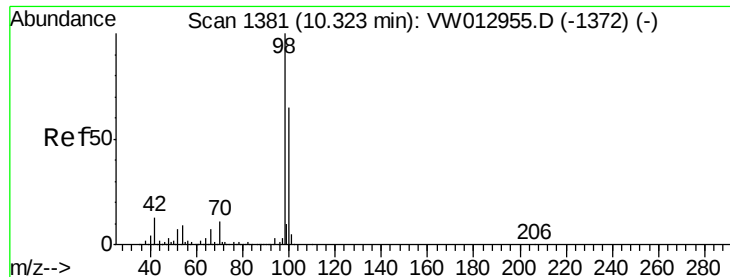
#35
 Dibromofluoromethane
 Concen: 52.464 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013094.D
 Acq: 17 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	22.4	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: 55.887 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013094.D

Acq: 17 Sep 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

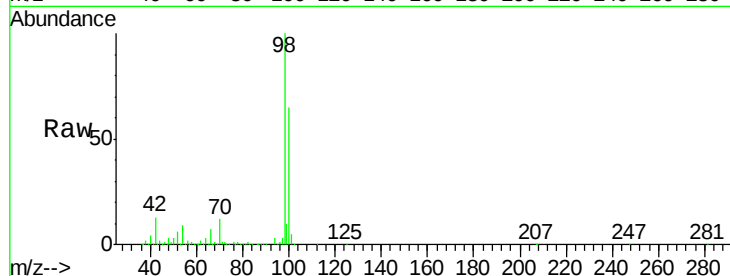
SB-22-7.5-8.0

Tot Ion: 98 Resp: 572186

Ion Ratio Lower Upper

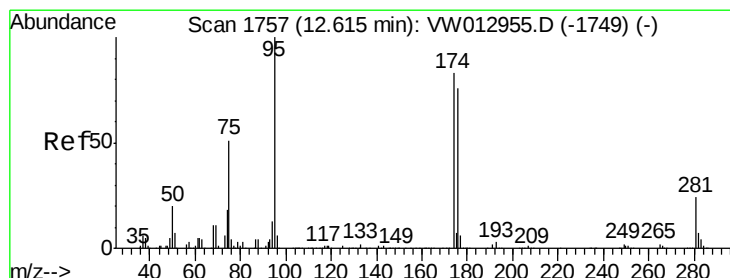
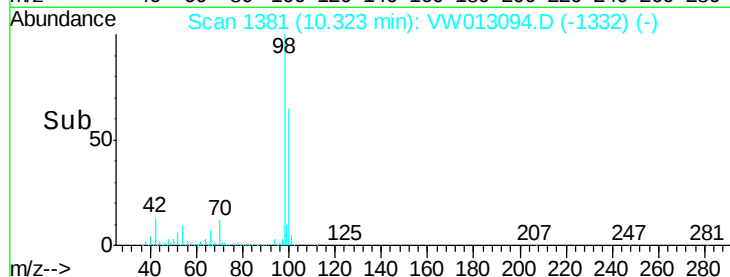
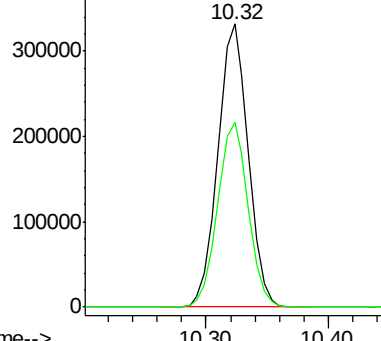
98 100

100 65.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 49.079 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013094.D

Acq: 17 Sep 2019 16:55

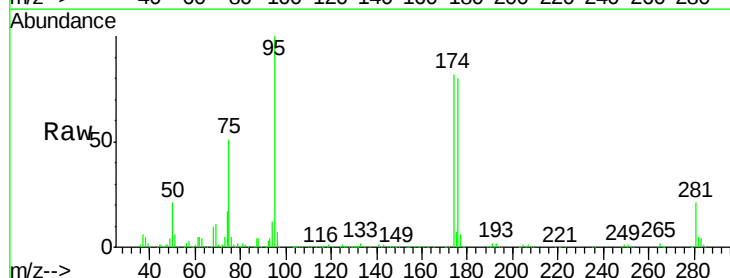
Tgt Ion: 95 Resp: 180683

Ion Ratio Lower Upper

95 100

174 84.5 0.0 170.4

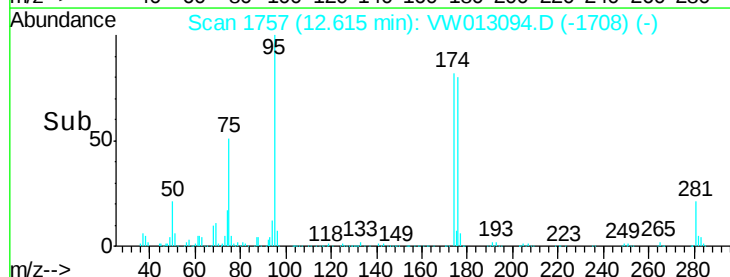
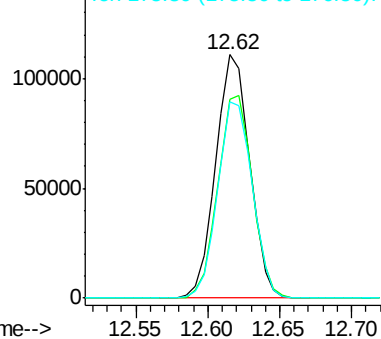
176 82.1 0.0 164.6

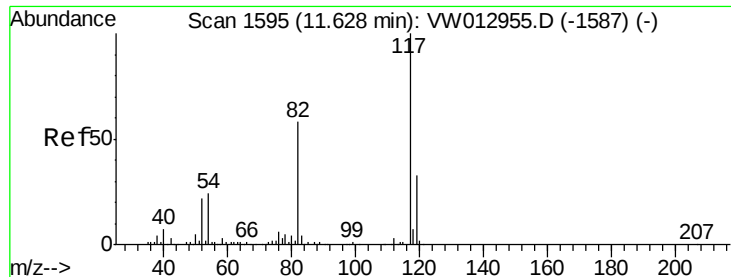


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

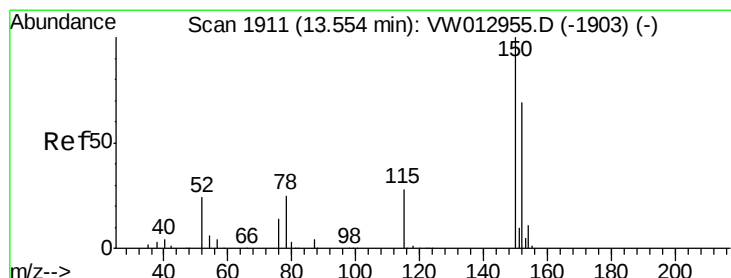
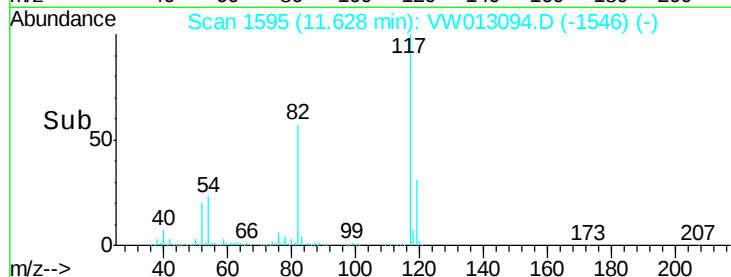
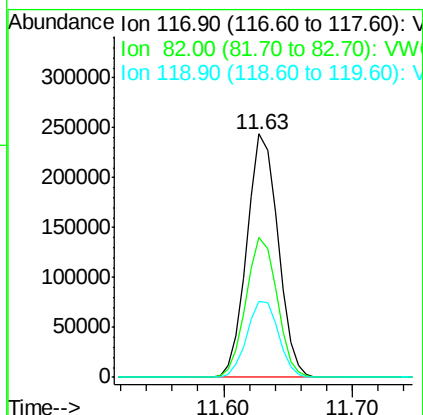
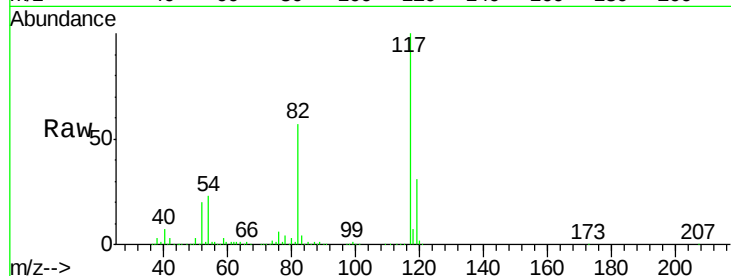




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013094.D
Acq: 17 Sep 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
SB-22-7.5-8.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.3	69.5
119	31.1	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: VW013094.D
Acq: 17 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.8	86.4
150	159.1	0.0	340.2

