

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013097.D
 Acq On : 17 Sep 2019 18:13
 Operator : SY/VA
 Sample : K4847-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-27-7.5-8.0

Quant Time: Sep 18 06:58:46 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	309052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	469132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166979	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151233	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	7.88	113	134755	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.32	98	553093	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.62	95	175906	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

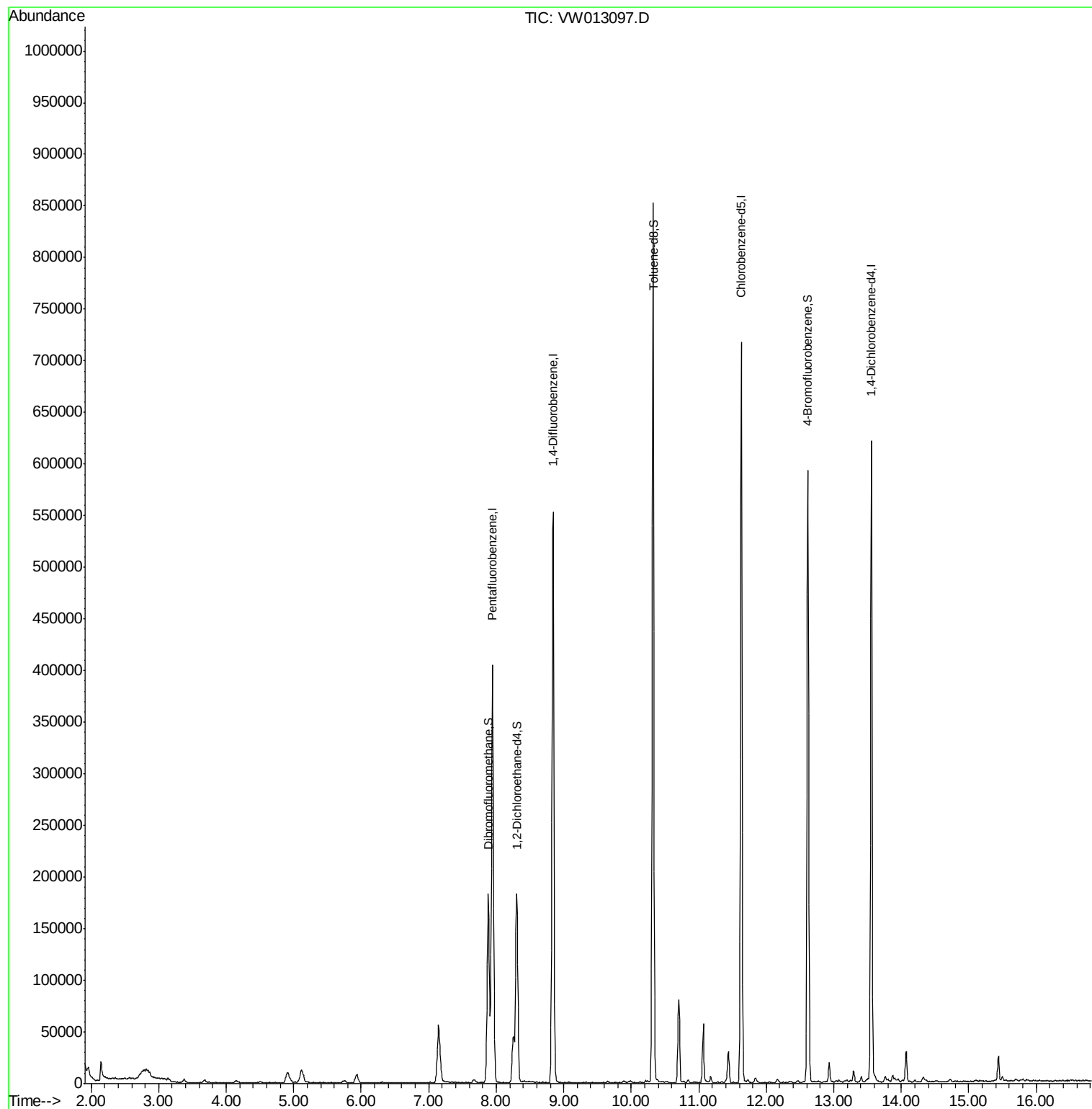
Target Compounds	Qvalue

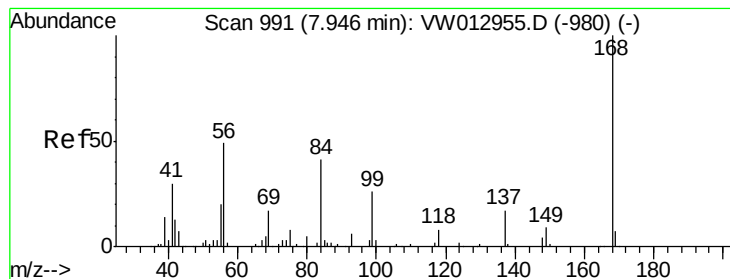
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013097.D

Acq: 17 Sep 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

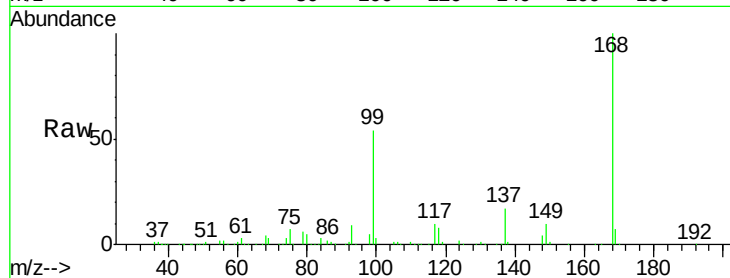
SB-27-7.5-8.0

Tot Ion:168 Resp: 309052

Ion Ratio Lower Upper

168 100

99 53.8 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

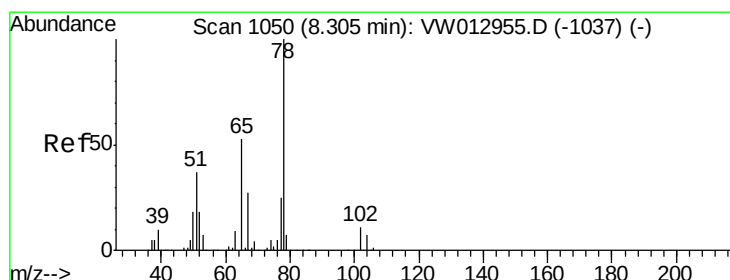
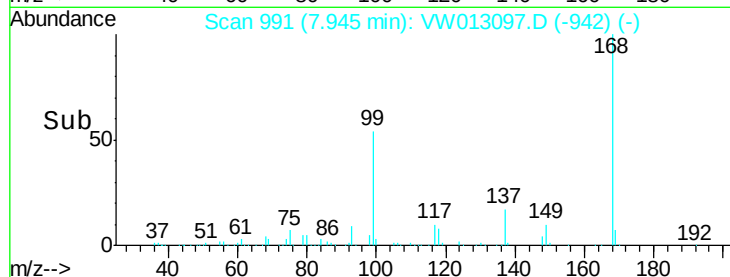
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.984 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013097.D

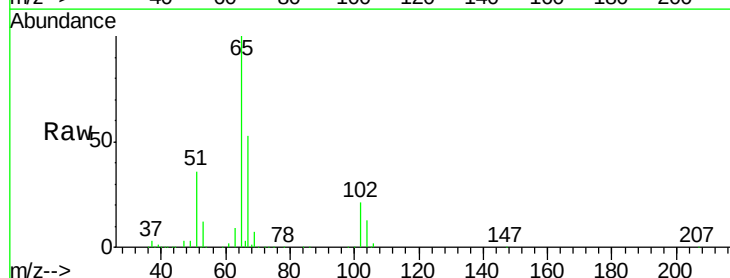
Acq: 17 Sep 2019 18:13

Tgt Ion: 65 Resp: 151233

Ion Ratio Lower Upper

65 100

67 50.9 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

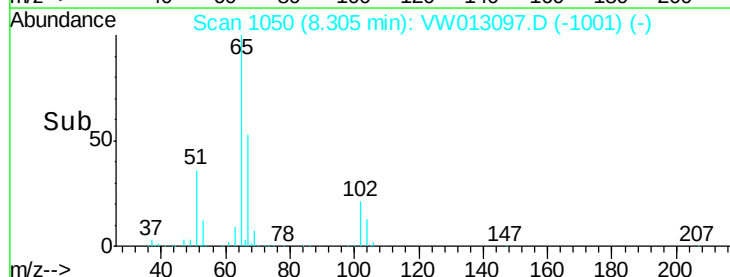
40000

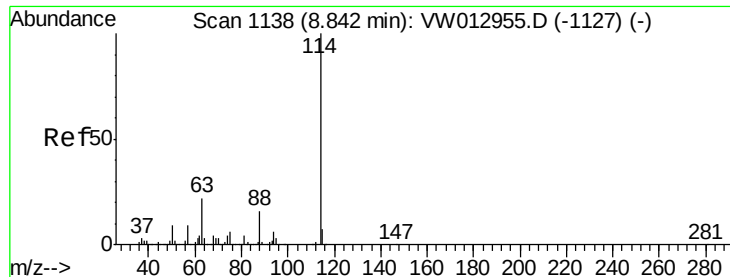
20000

0

8.20 8.30 8.40

Time-->

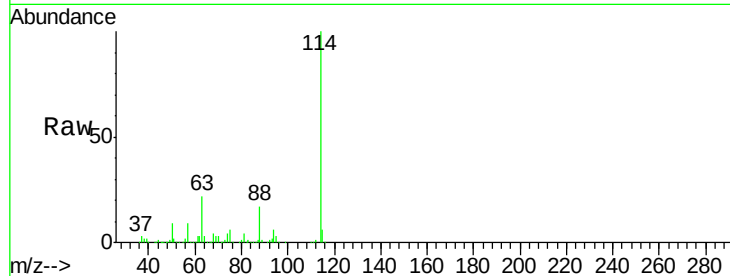




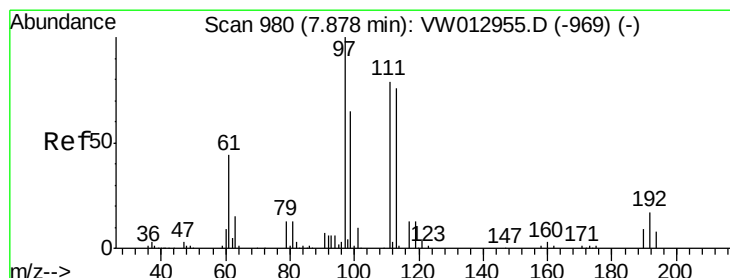
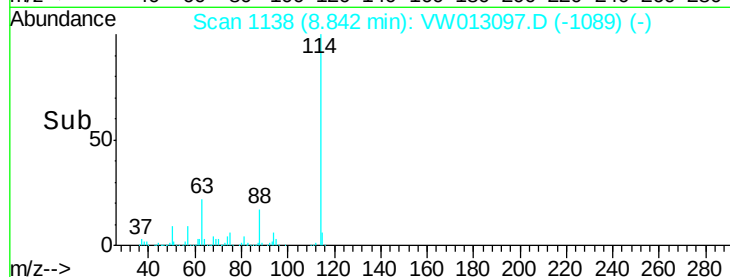
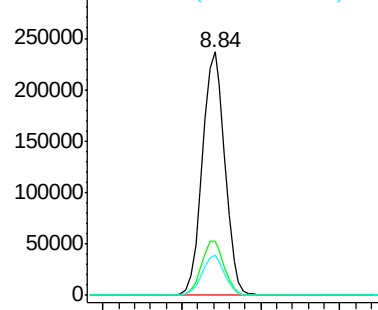
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013097.D
Acq: 17 Sep 2019 18:13

Instrument :
MSVOA_W
ClientSampleId :
SB-27-7.5-8.0

Tot Ion:114 Resp: 469132
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 16.5 0.0 31.6

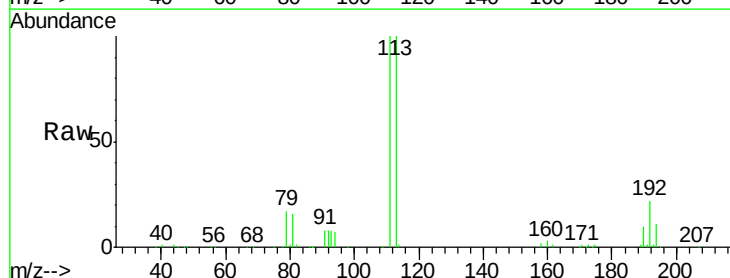


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

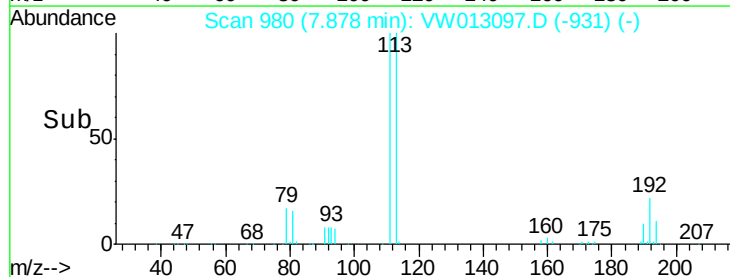
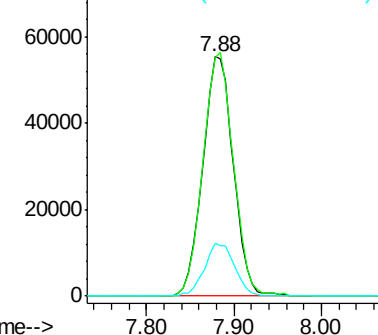


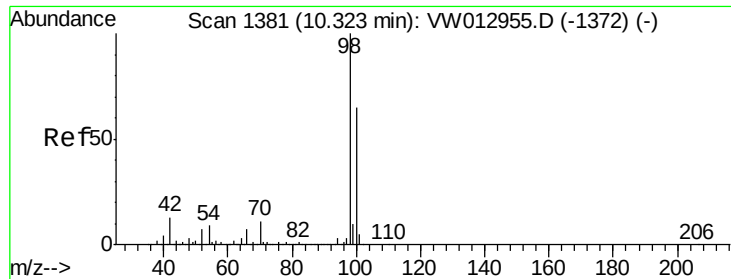
#35
Dibromofluoromethane
Concen: 52.937 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013097.D
Acq: 17 Sep 2019 18:13

Tgt Ion:113 Resp: 134755
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 21.8 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

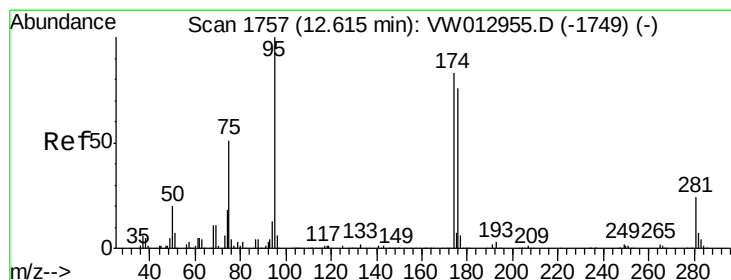
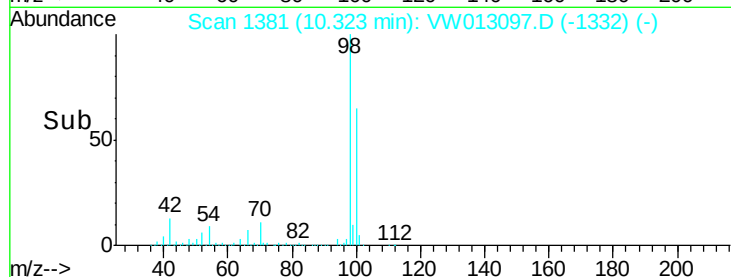
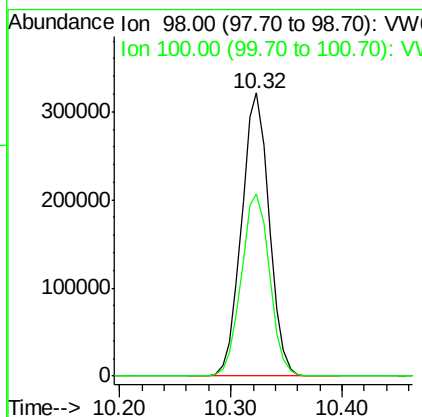
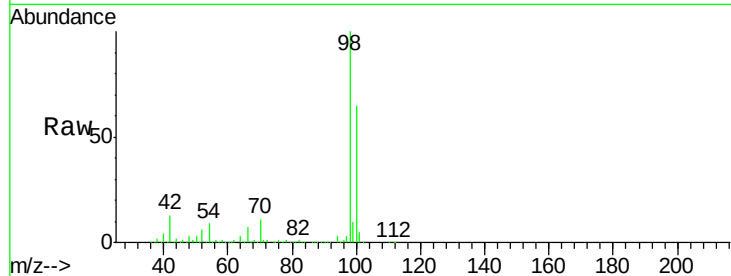




#50
Toluene-d8
Concen: 55.525 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013097.D
Acq: 17 Sep 2019 18:13

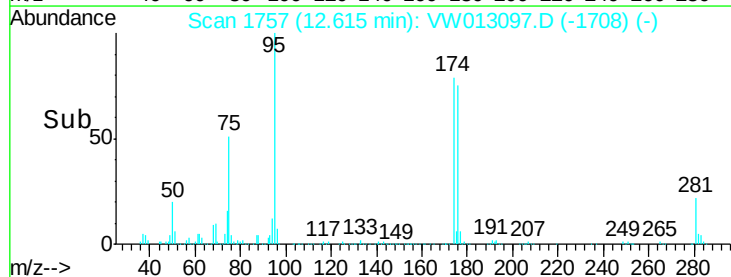
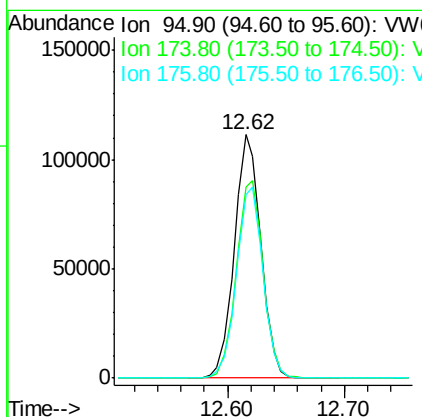
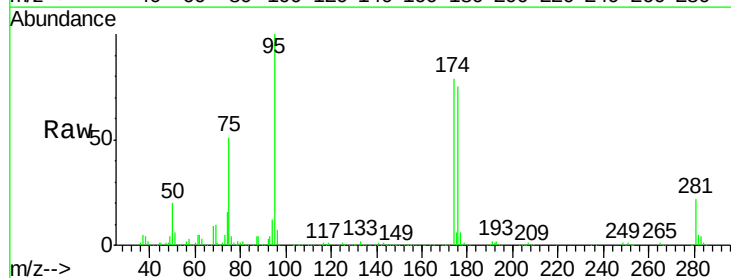
Instrument :
MSVOA_W
ClientSampleId :
SB-27-7.5-8.0

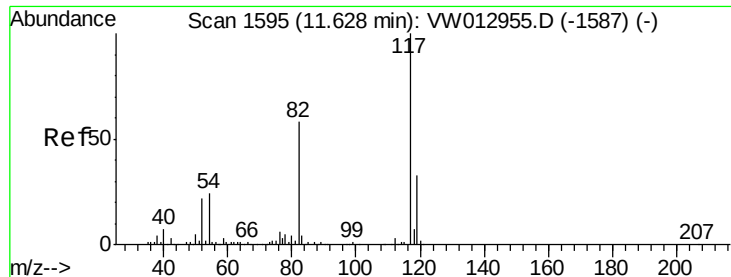
Tot Ion: 98 Resp: 553093
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.111 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013097.D
Acq: 17 Sep 2019 18:13

Tgt Ion: 95 Resp: 175906
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.4
176 79.2 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: VW013097.D

Acq: 17 Sep 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

SB-27-7.5-8.0

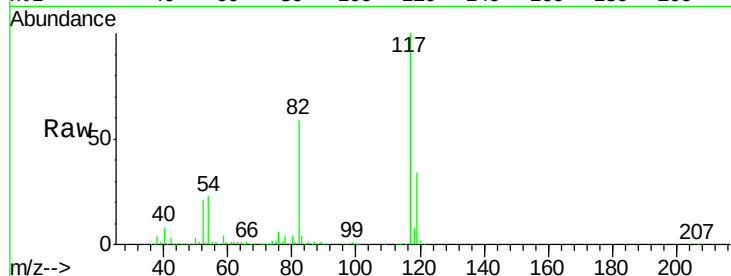
Tot Ion:117 Resp: 389142

Ion Ratio Lower Upper

117 100

82 59.1 46.3 69.5

119 33.5 26.2 39.4



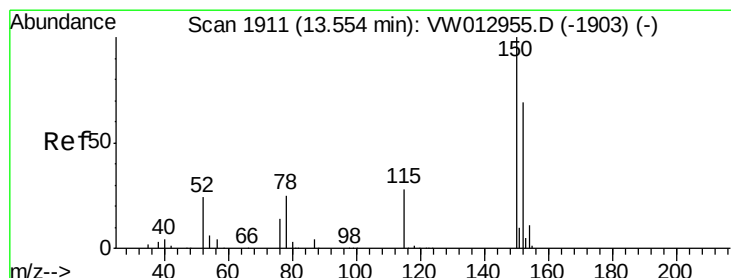
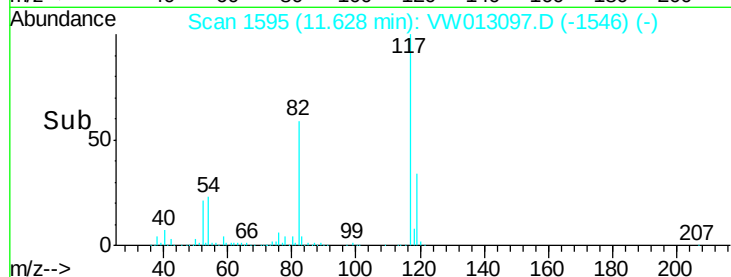
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.63

Time--> 11.50 11.60 11.70



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013097.D

Acq: 17 Sep 2019 18:13

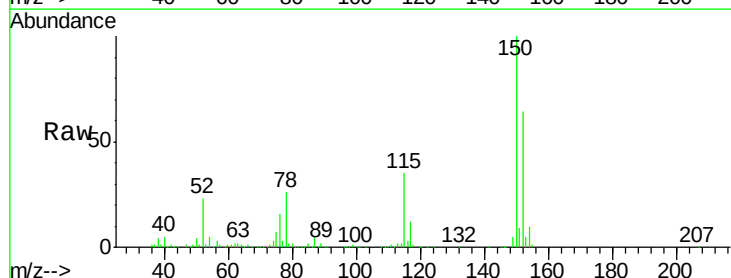
Tgt Ion:152 Resp: 166979

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.4

150 156.1 0.0 340.2



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

13.56

Time--> 13.50 13.60

