

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013115.D
 Acq On : 18 Sep 2019 16:02
 Operator : SY/VA
 Sample : K4846-03RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-21-13.5-14.0

Quant Time: Sep 19 08:52:55 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	308801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171596	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135395	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.88	113	129205	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.32	98	539149	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.62	95	168491	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

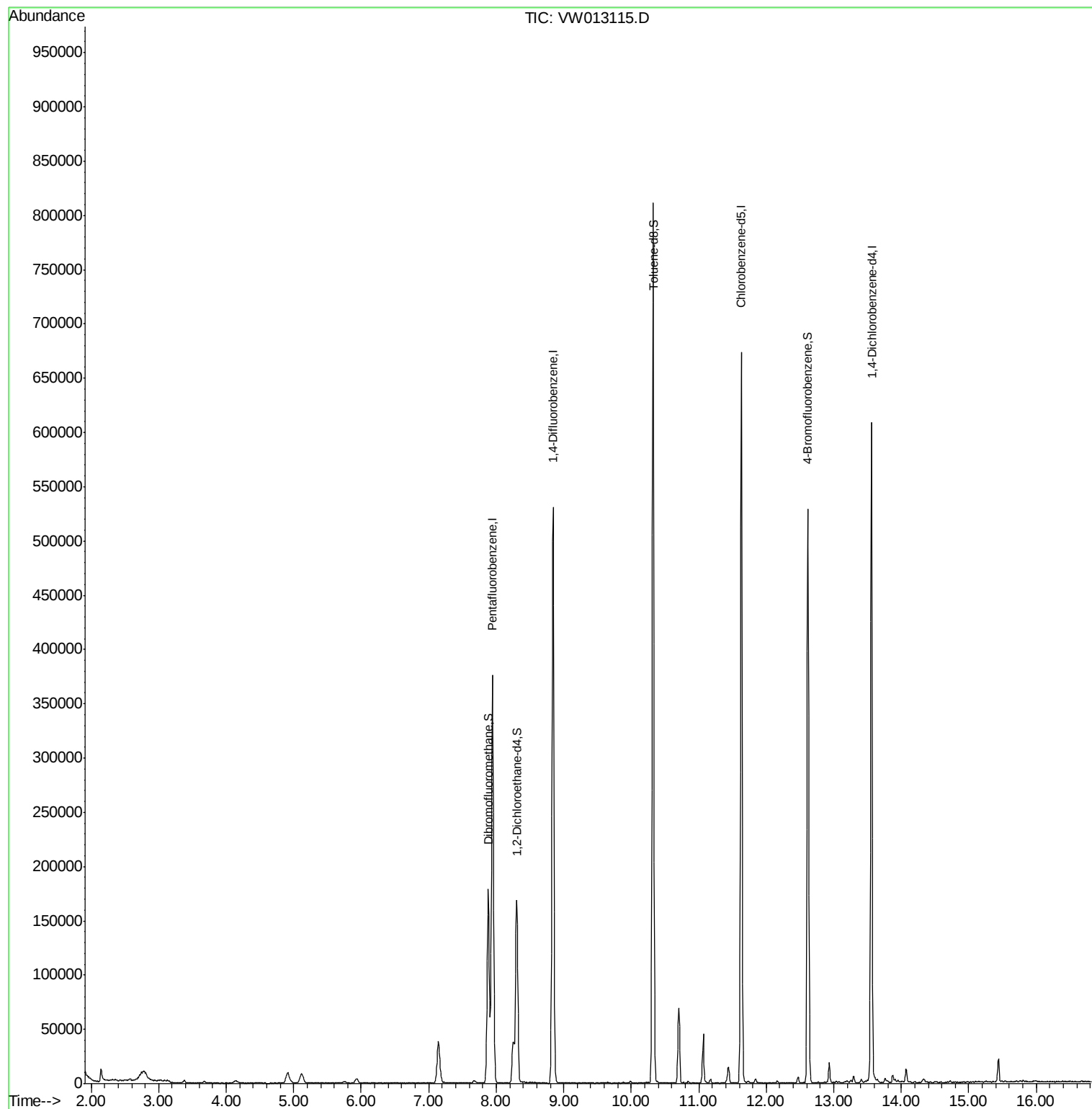
Target Compounds	Qvalue

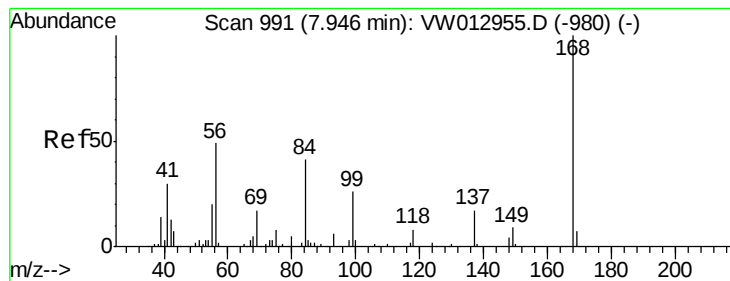
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW013115.D

Acq: 18 Sep 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

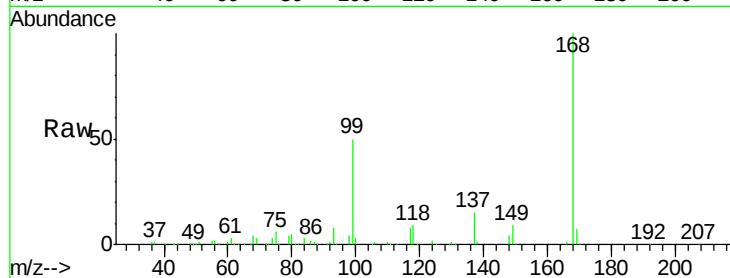
SB-21-13.5-14.0

Tot Ion:168 Resp: 308801

Ion Ratio Lower Upper

168 100

99 50.4 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

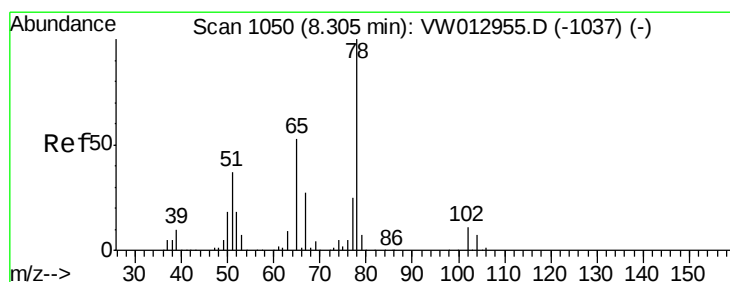
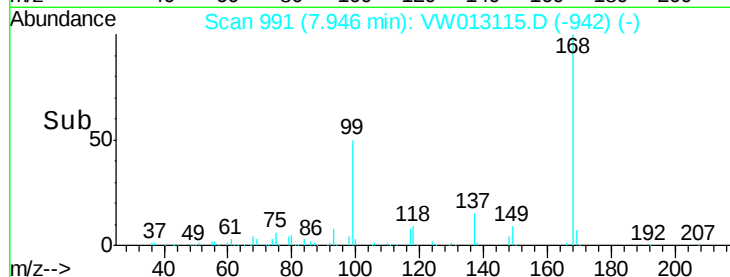
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 47.474 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013115.D

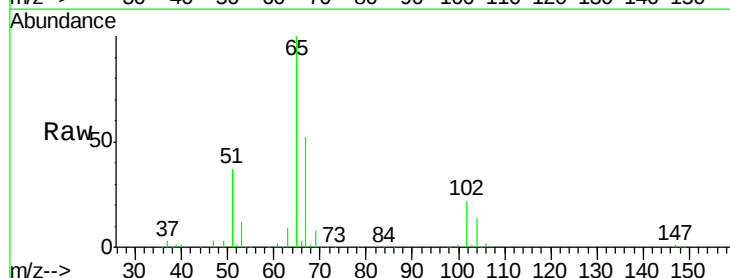
Acq: 18 Sep 2019 16:02

Tgt Ion: 65 Resp: 135395

Ion Ratio Lower Upper

65 100

67 53.3 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

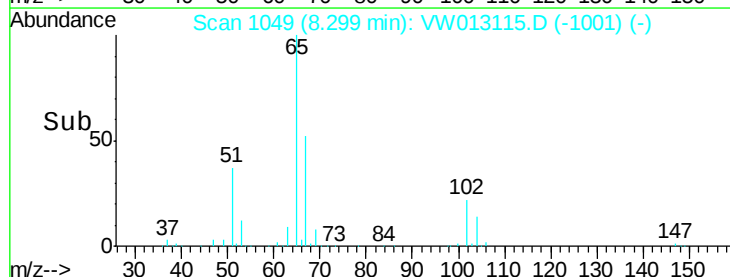
60000

40000

20000

0

Time--> 8.20 8.25 8.30 8.35 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: VW013115.D

Acq: 18 Sep 2019 16:02

Instrument :

MSVOA_W

ClientSampleId :

SB-21-13.5-14.0

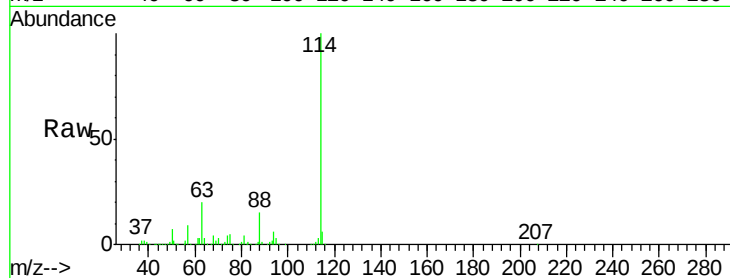
Tot Ion:114 Resp: 459582

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.4

88 15.5 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

8.84

250000

200000

150000

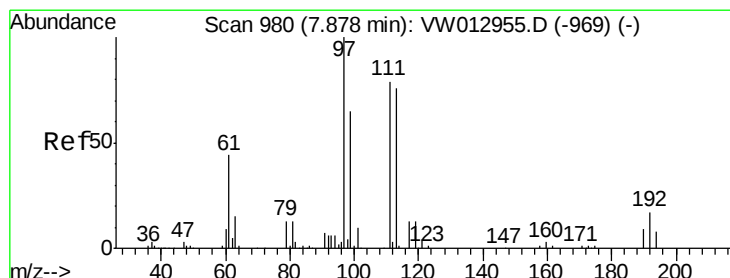
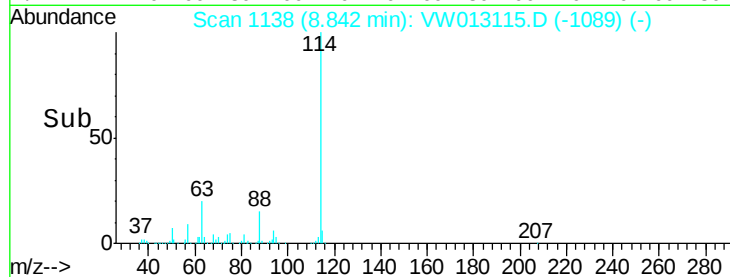
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 51.812 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013115.D

Acq: 18 Sep 2019 16:02

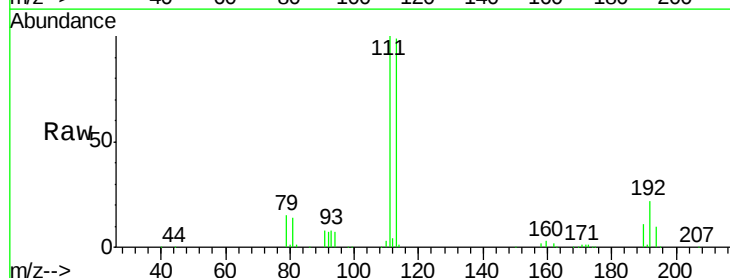
Tgt Ion:113 Resp: 129205

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 24.1 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

7.88

60000

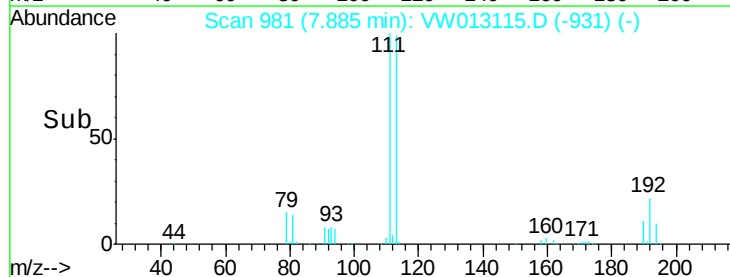
40000

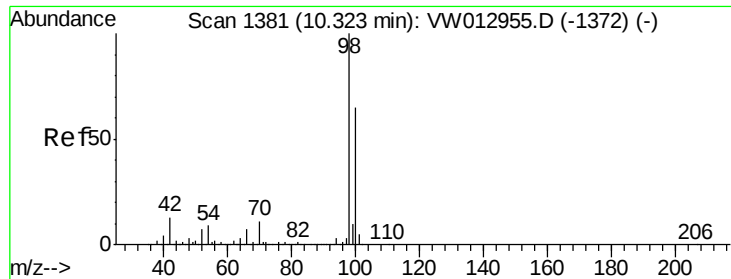
20000

0

7.80 7.90 8.00

Time-->

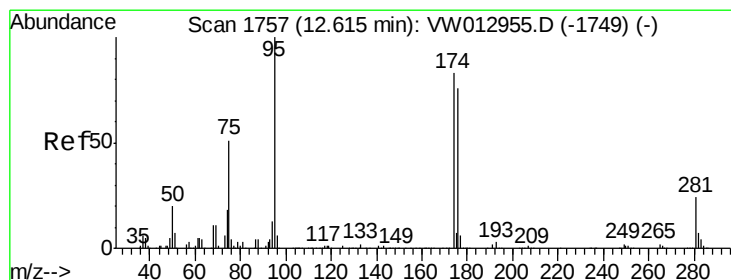
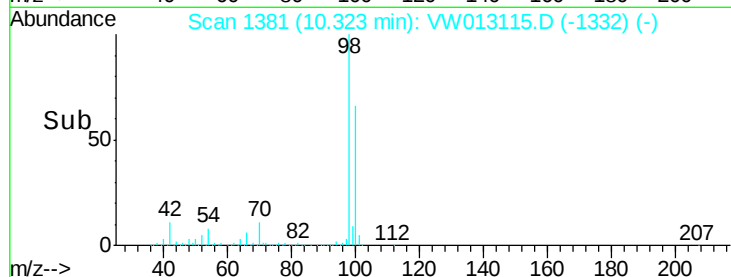
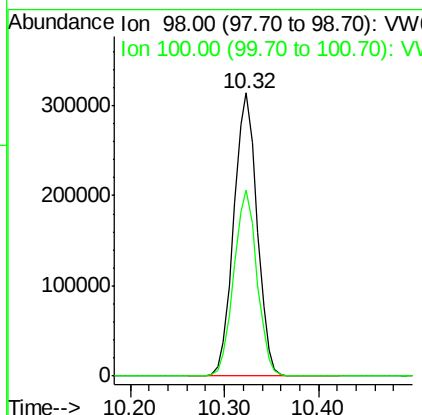
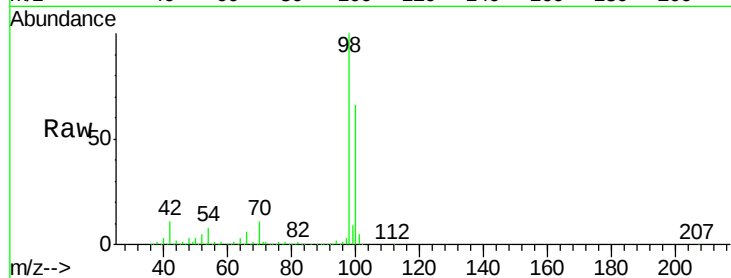




#50
Toluene-d8
Concen: 55.250 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013115.D
Acq: 18 Sep 2019 16:02

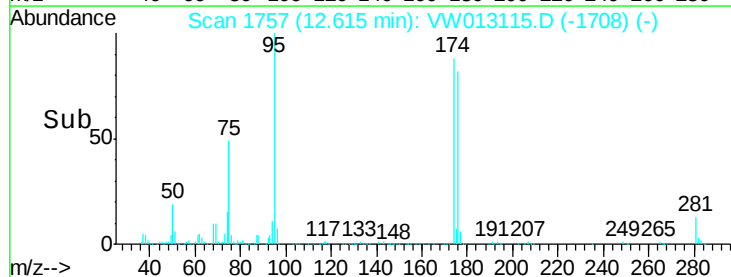
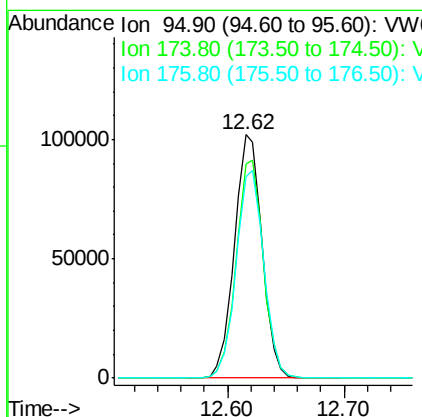
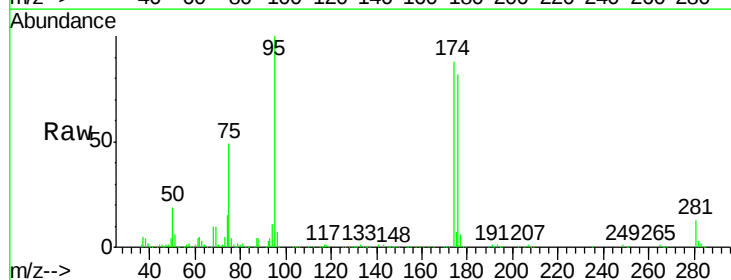
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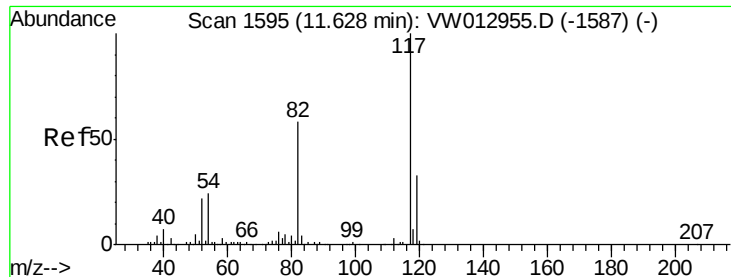
Tot Ion: 98 Resp: 539149
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.019 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013115.D
Acq: 18 Sep 2019 16:02

Tgt Ion: 95 Resp: 168491
Ion Ratio Lower Upper
95 100
174 87.9 0.0 170.4
176 85.5 0.0 164.6

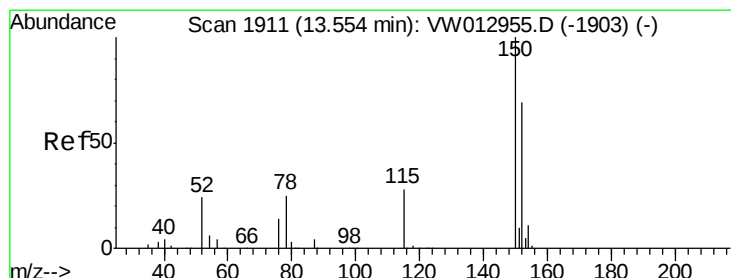
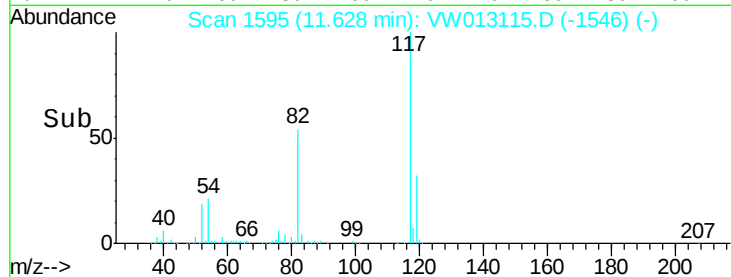
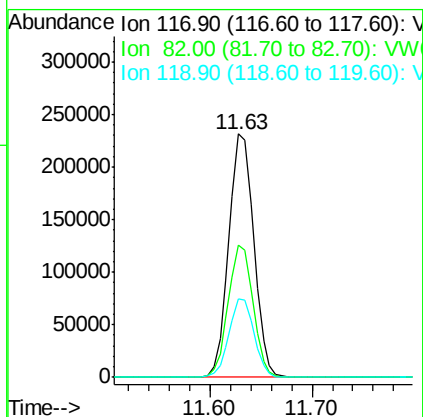
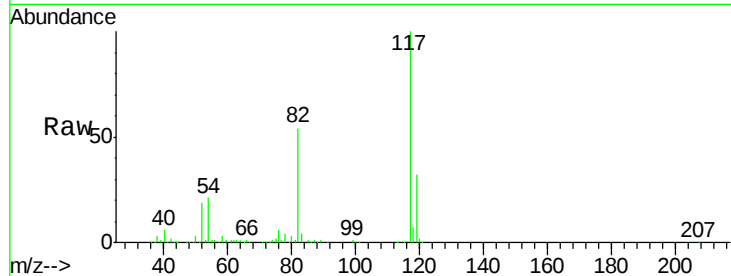




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013115.D
Acq: 18 Sep 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
SB-21-13.5-14.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	46.3	69.5
119	32.0	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: VW013115.D
Acq: 18 Sep 2019 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.8	86.4
150	156.9	0.0	340.2

