

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013017.D
 Acq On : 15 Sep 2019 03:09
 Operator : SY/VA
 Sample : K4745-02
 Misc : 8.13G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-058

Quant Time: Sep 16 09:31:23 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	335871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	506067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	416994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	167762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	203279	65.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.06%	
35) Dibromofluoromethane	7.88	113	153737	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
50) Toluene-d8	10.32	98	593201	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	12.62	95	174960	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

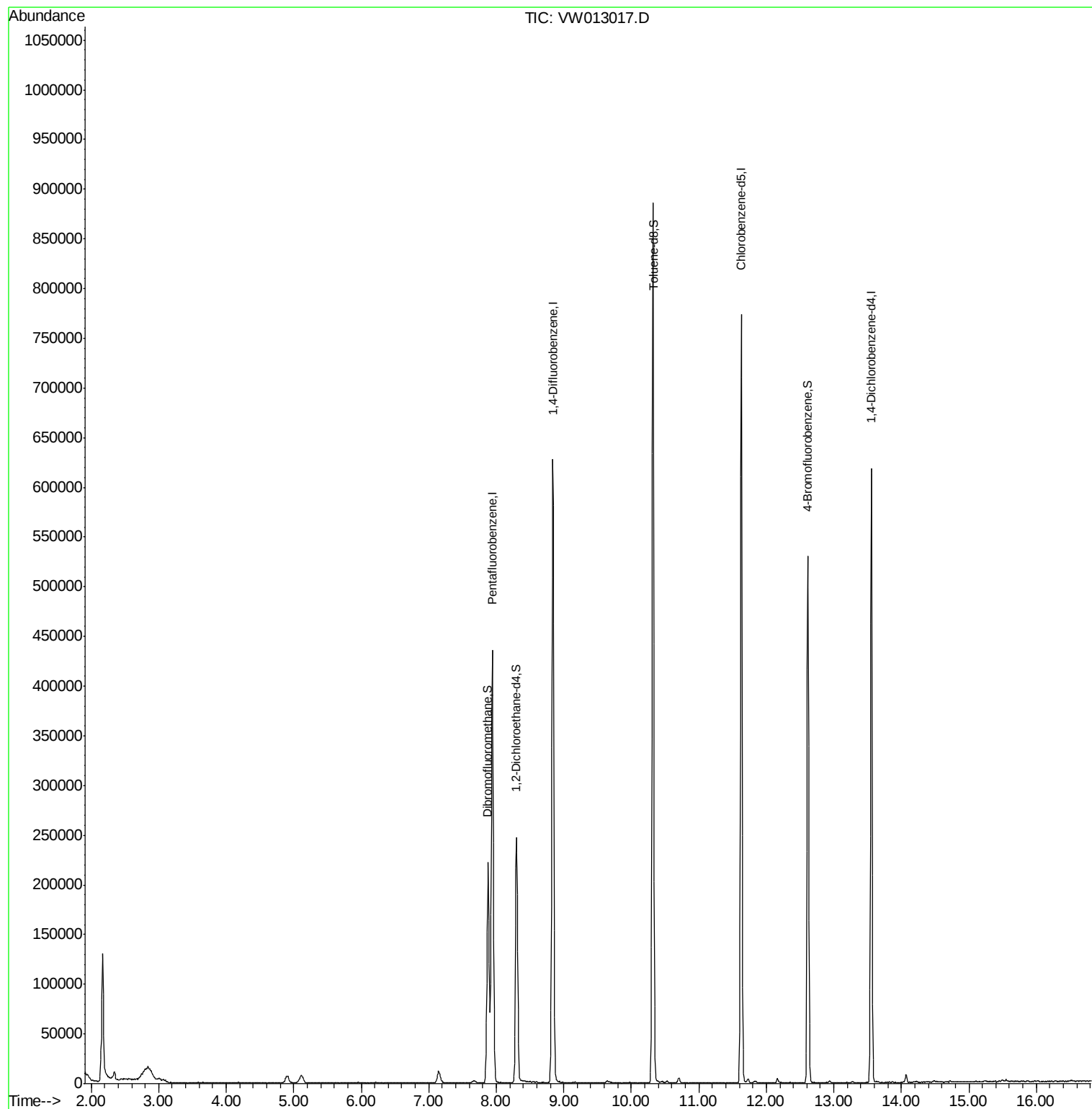
Target Compounds	Qvalue

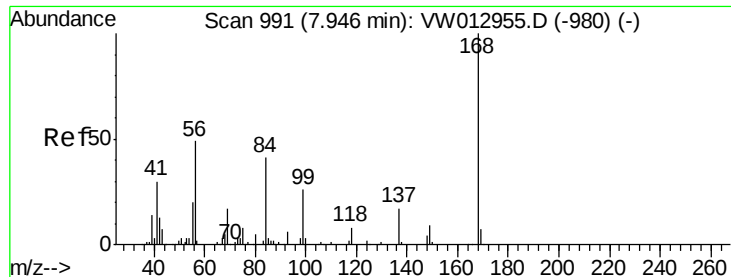
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013017.D

Acq: 15 Sep 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

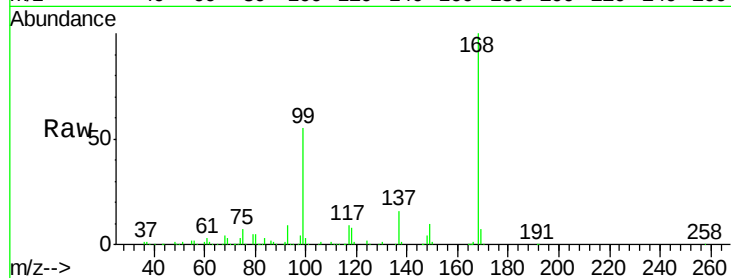
FK-PS-01-058

Tot Ion:168 Resp: 335871

Ion Ratio Lower Upper

168 100

99 55.2 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

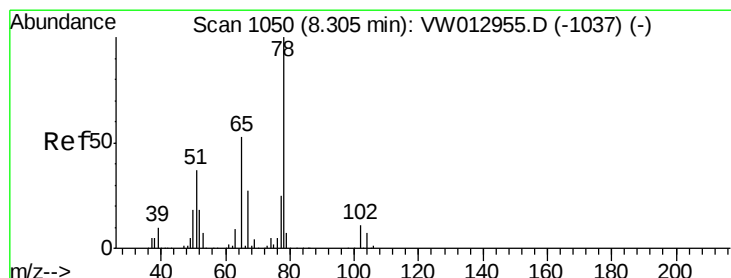
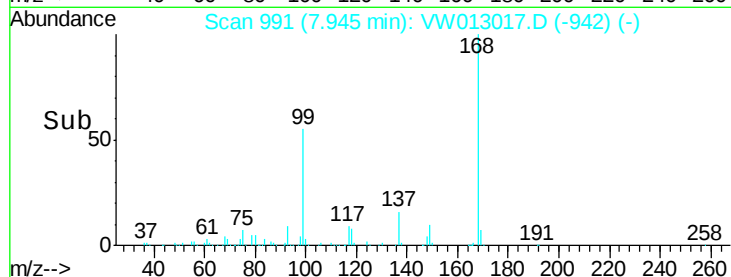
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.531 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013017.D

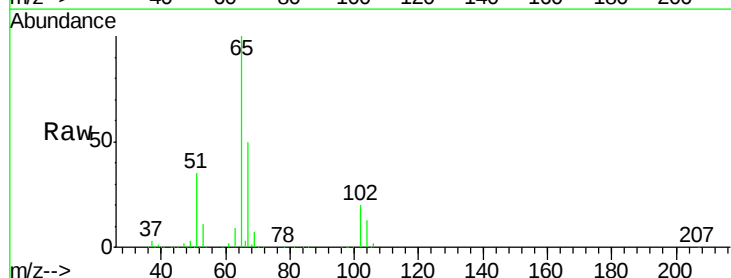
Acq: 15 Sep 2019 03:09

Tgt Ion: 65 Resp: 203279

Ion Ratio Lower Upper

65 100

67 51.0 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

100000

80000

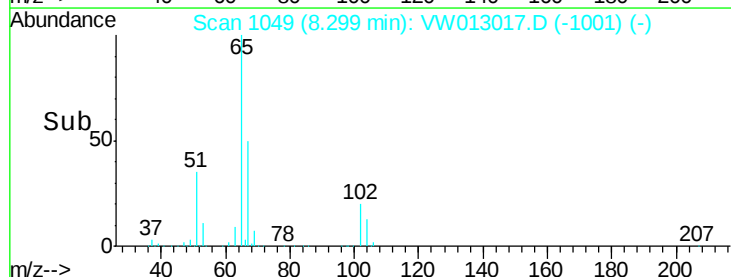
60000

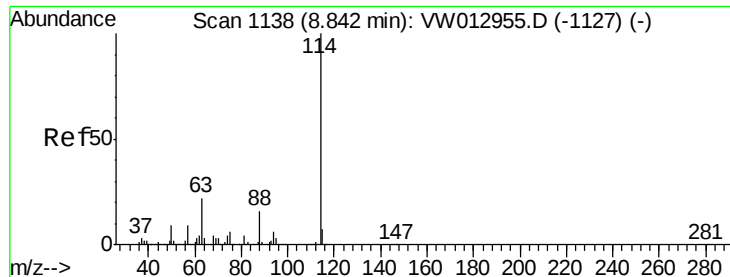
40000

20000

0

Time-->

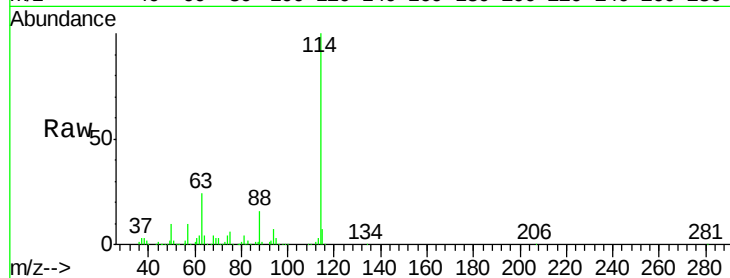




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VW013017.D
Acq: 15 Sep 2019 03:09

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-058

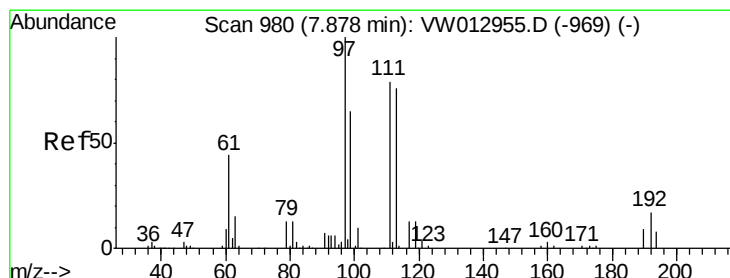
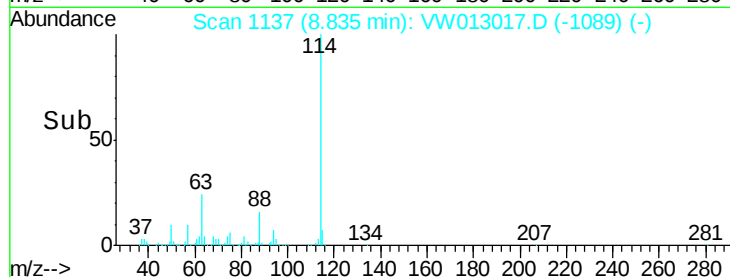
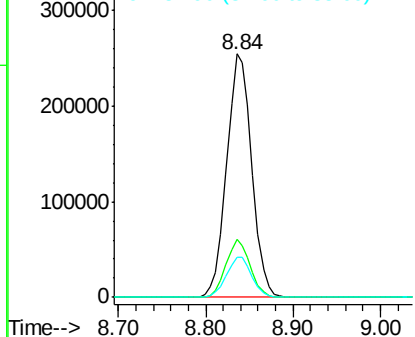
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	43.4
88	16.4	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

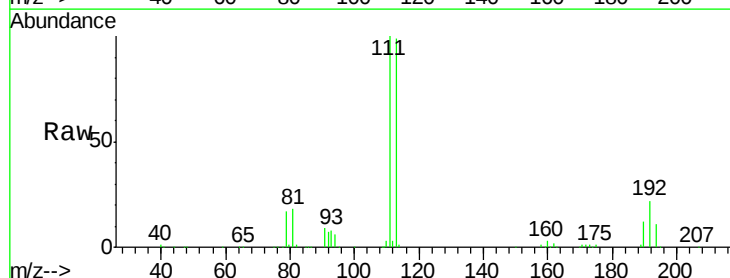
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 55.986 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013017.D
Acq: 15 Sep 2019 03:09

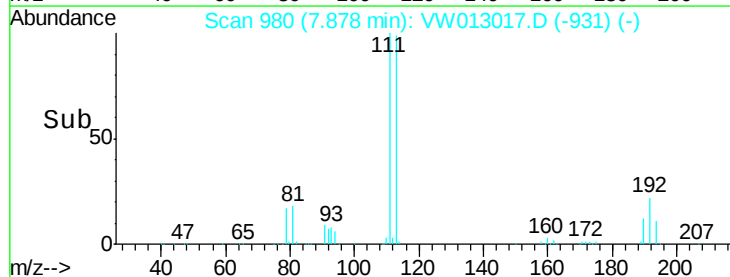
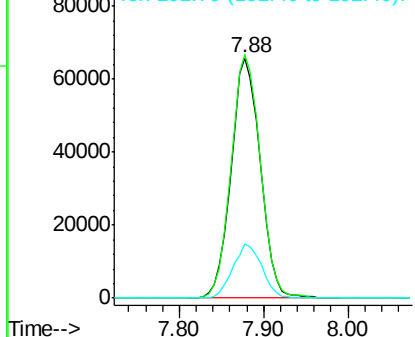
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.8	124.2
192	22.6	17.8	26.8

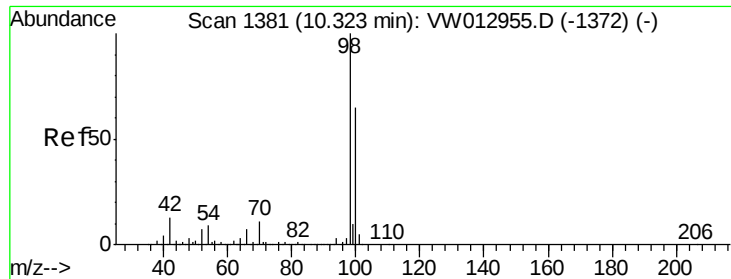


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

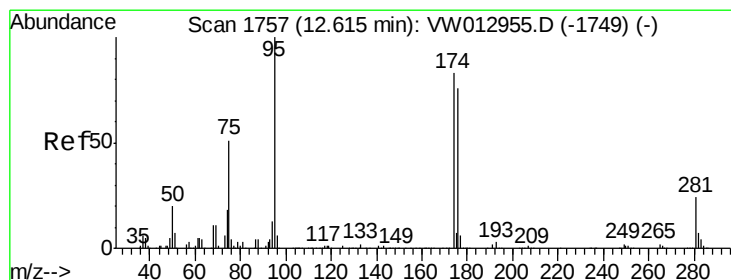
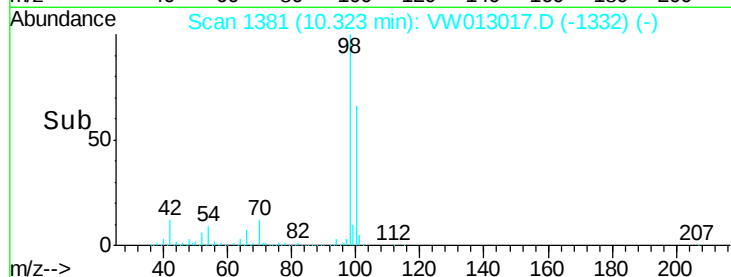
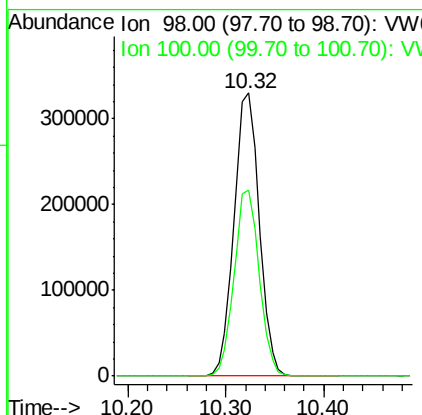
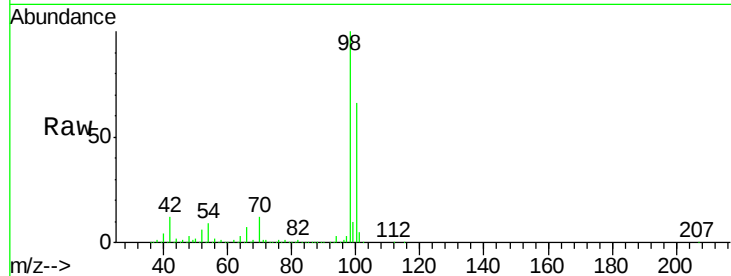




#50
Toluene-d8
Concen: 55.206 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013017.D
Acq: 15 Sep 2019 03:09

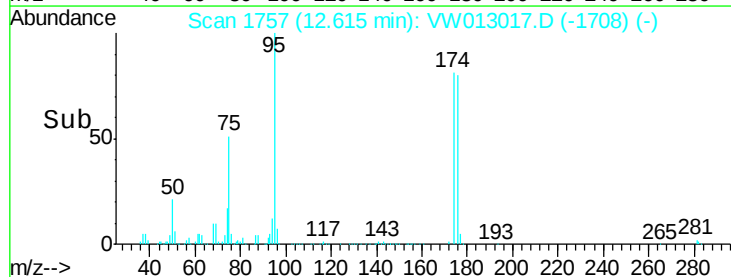
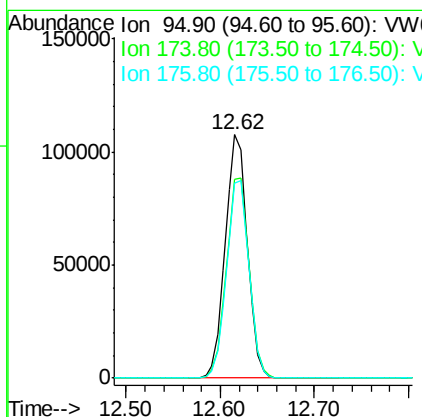
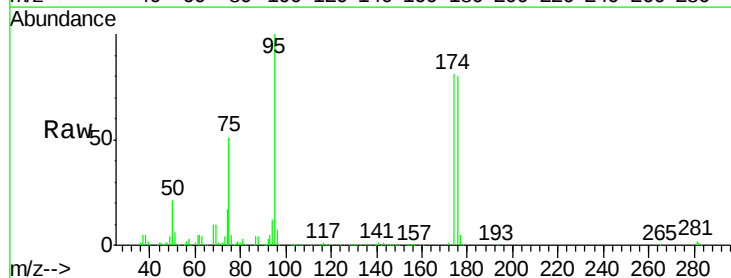
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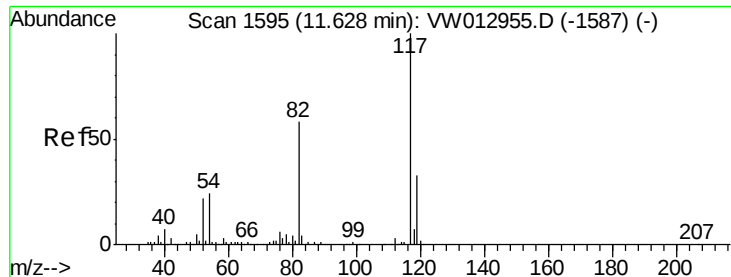
Tot Ion: 98 Resp: 593201
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.282 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013017.D
Acq: 15 Sep 2019 03:09

Tgt Ion: 95 Resp: 174960
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.4
176 82.4 0.0 164.6

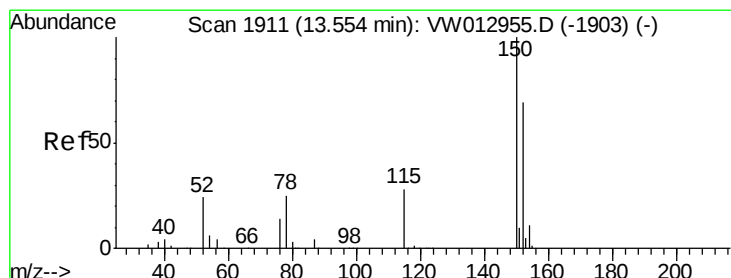
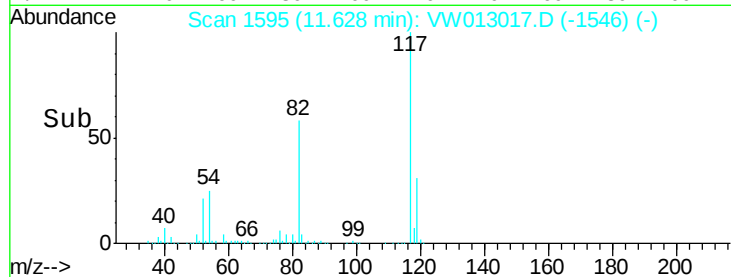
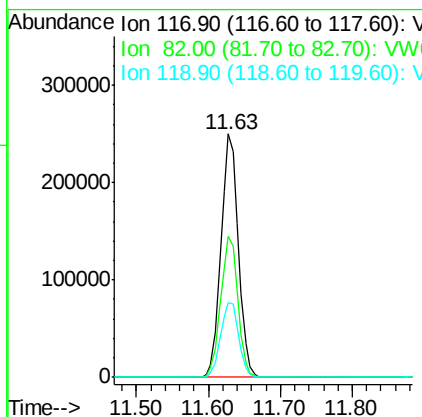
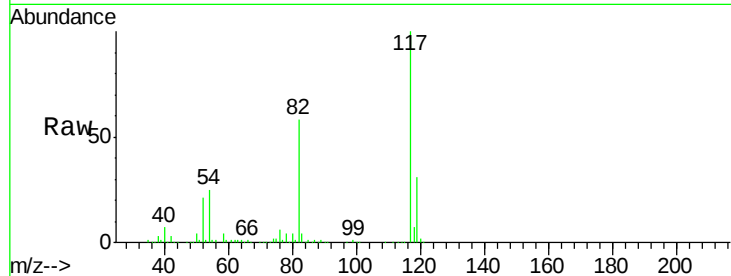




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013017.D
Acq: 15 Sep 2019 03:09

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-058

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.3	69.5
119	30.7	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013017.D
Acq: 15 Sep 2019 03:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.4
150	155.5	0.0	340.2

