

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003984.D
 Acq On : 17 Jul 2018 14:52
 Operator : VA/AP
 Sample : J3976-02RE
 Misc : 9.37G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-033RE

Quant Time: Jul 17 15:17:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	9910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	9438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9067	81.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.70%	
35) Dibromofluoromethane	7.89	113	6788	67.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.44%	
50) Toluene-d8	10.33	98	9198	23.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.30%	
62) 4-Bromofluorobenzene	12.62	95	4416	31.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.96%	

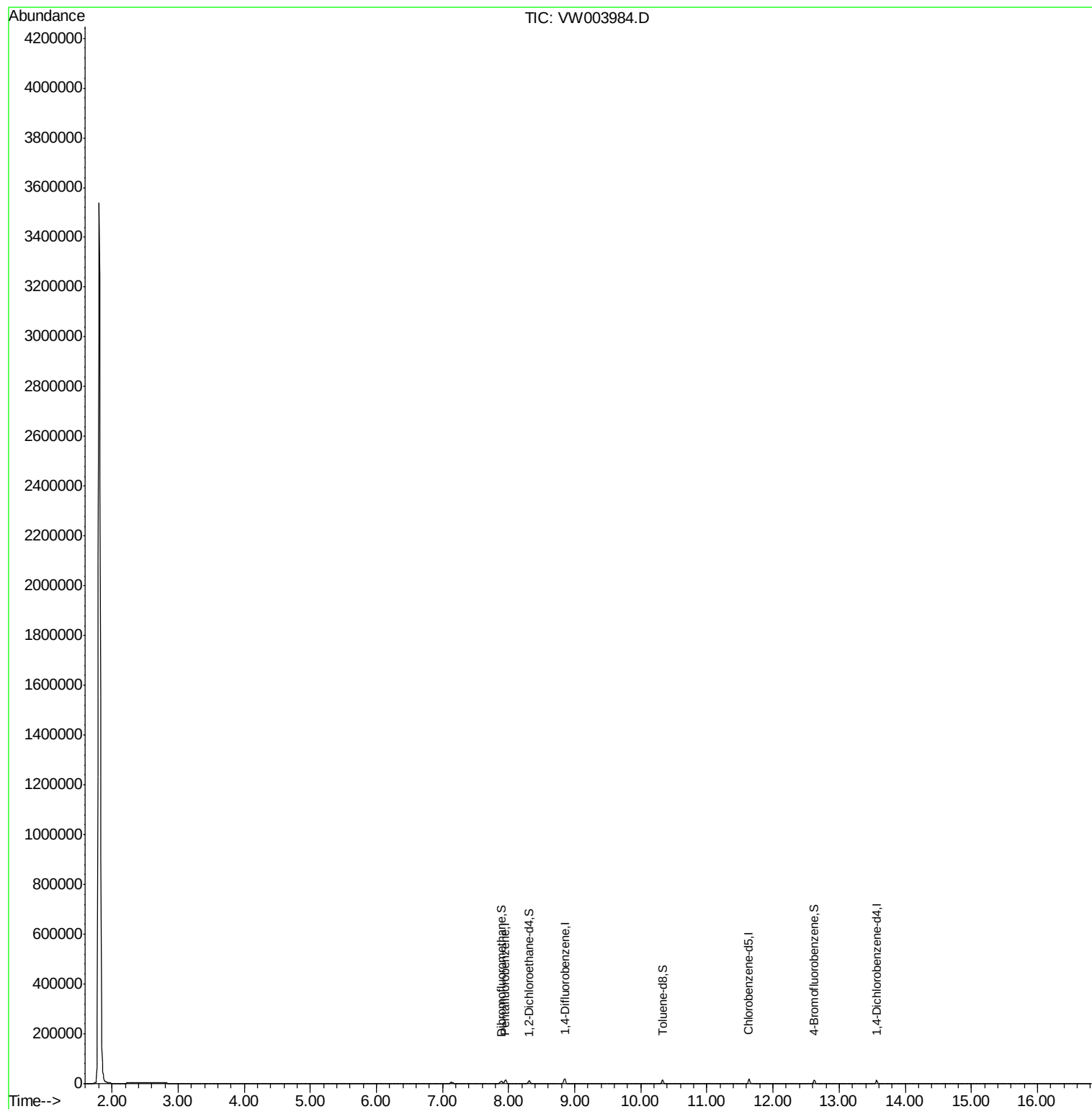
Target Compounds Qvalue

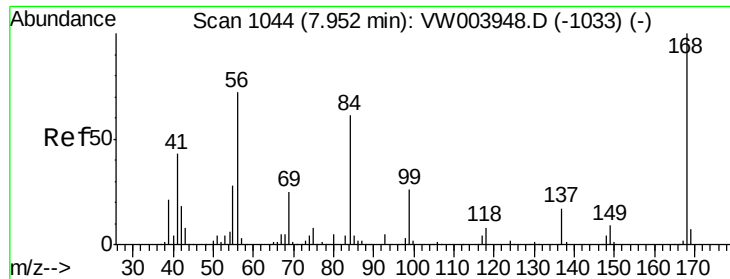
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003984.D

Acq: 17 Jul 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

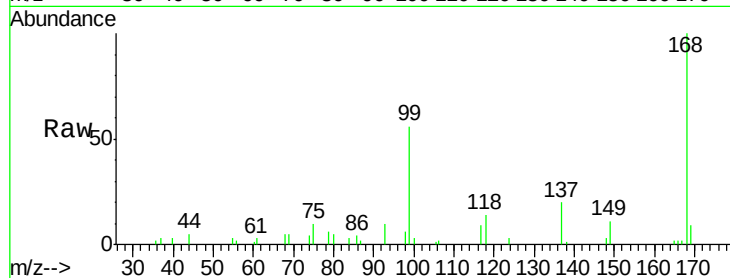
FK-PS-01-033RE

Tot Ion:168 Resp: 9910

Ion Ratio Lower Upper

168 100

99 55.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

4000

3000

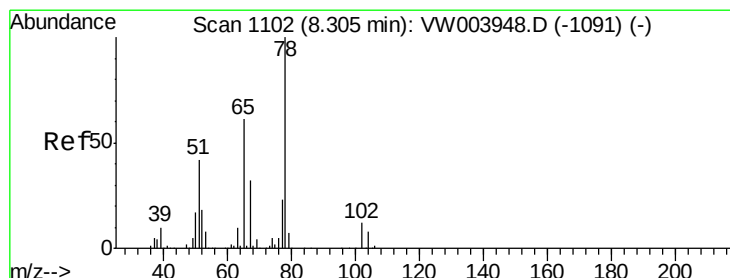
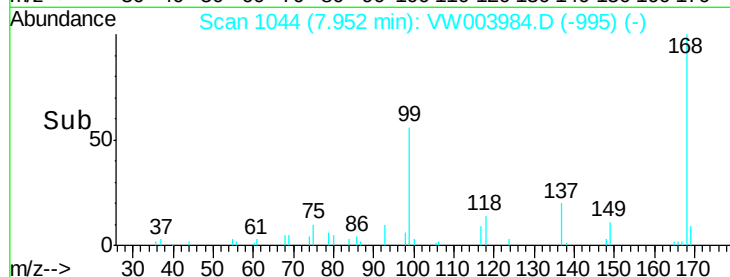
2000

1000

0

7.90 7.95 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 81.85 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003984.D

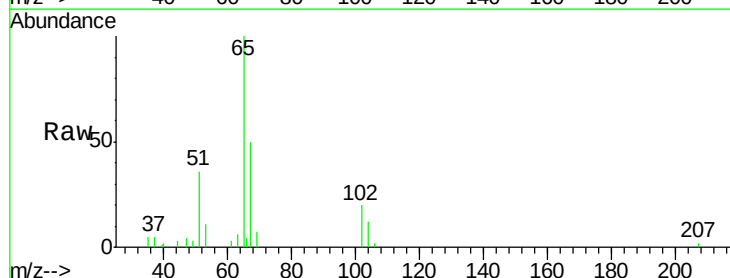
Acq: 17 Jul 2018 14:52

Tgt Ion: 65 Resp: 9067

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

5000

4000

3000

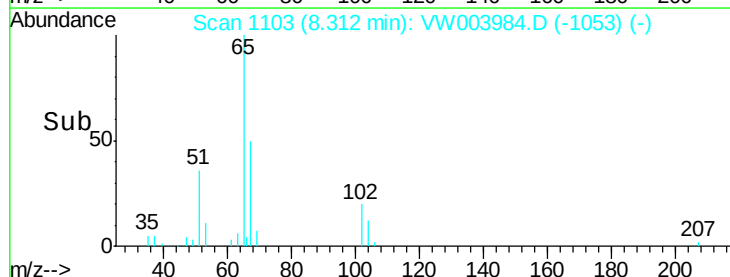
2000

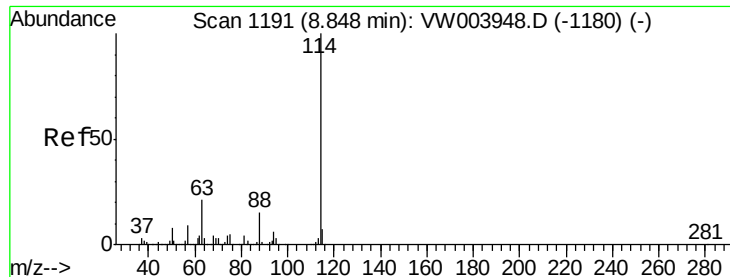
1000

0

8.20 8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1192

Delta R.T. 0.01 min

Lab File: VW003984.D

Acq: 17 Jul 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-033RE

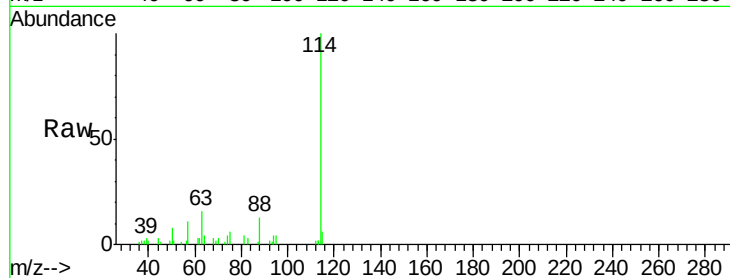
Tot Ion:114 Resp: 15623

Ion Ratio Lower Upper

114 100

63 15.8 0.0 42.8

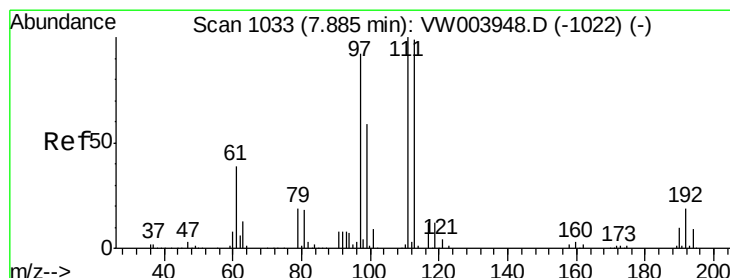
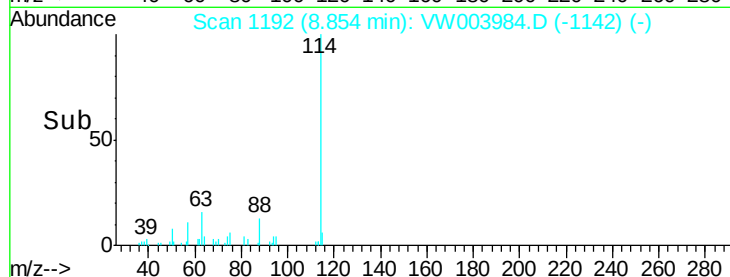
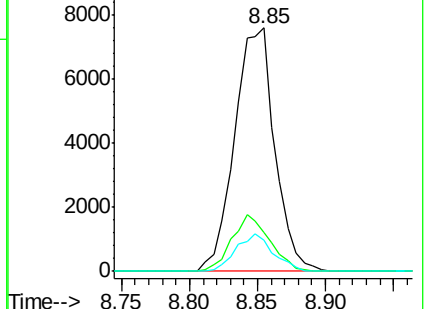
88 12.9 0.0 30.4



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: 67.72 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003984.D

Acq: 17 Jul 2018 14:52

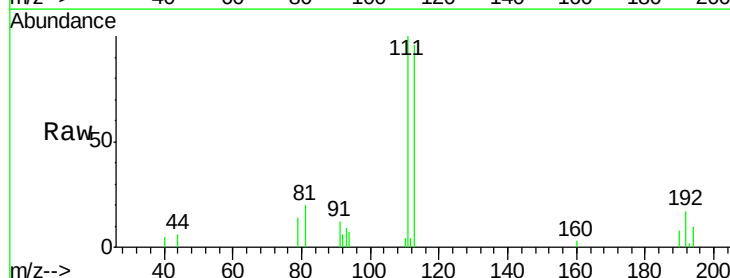
Tgt Ion:113 Resp: 6788

Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

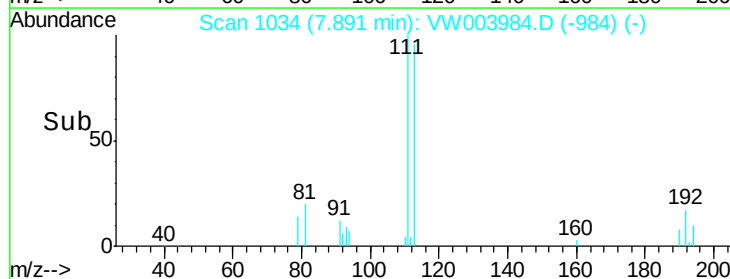
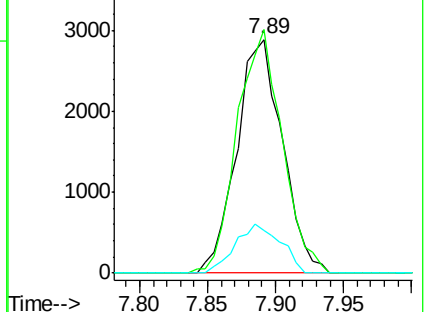
192 20.6 15.8 23.6

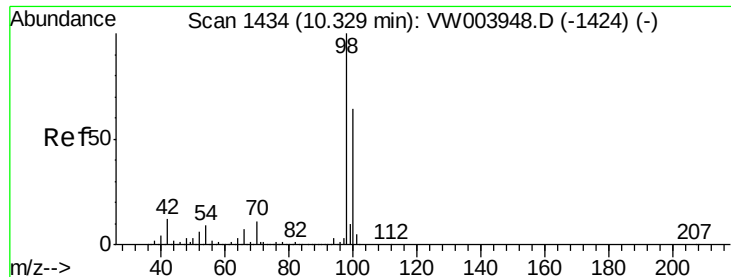


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 23.65 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003984.D

Acq: 17 Jul 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

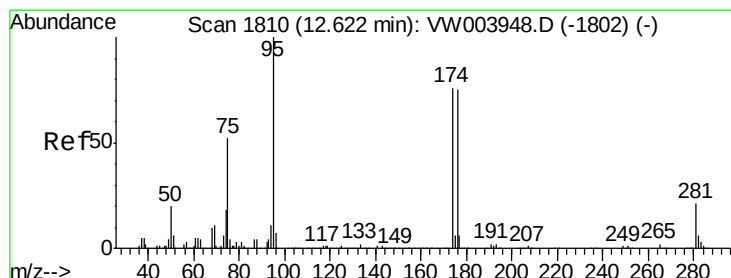
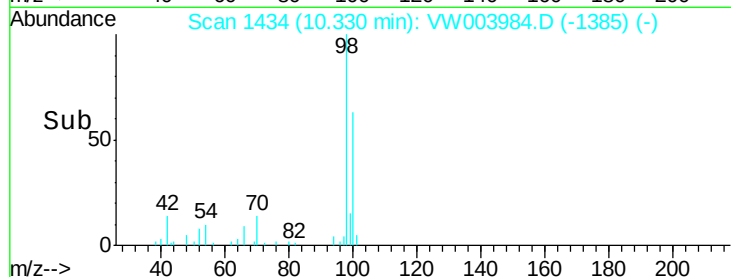
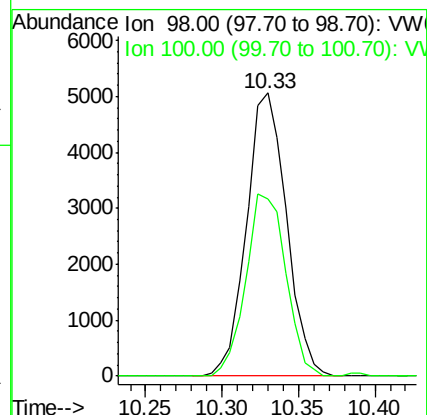
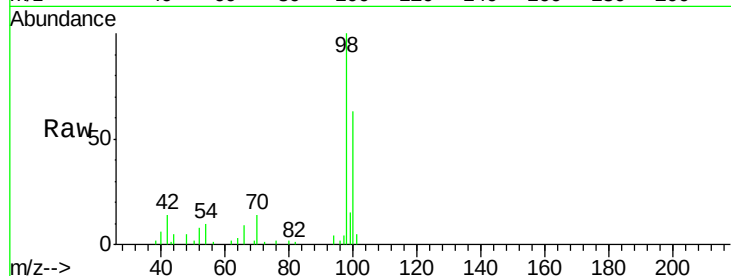
FK-PS-01-033RE

Tot Ion: 98 Resp: 9198

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 31.48 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003984.D

Acq: 17 Jul 2018 14:52

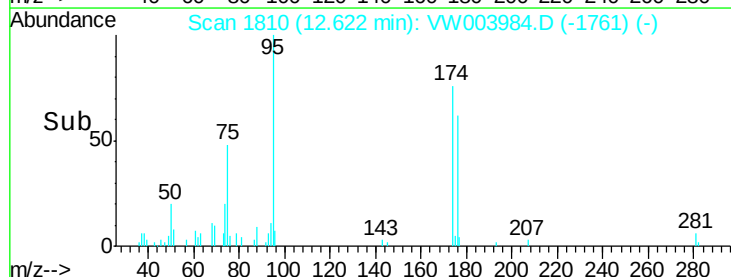
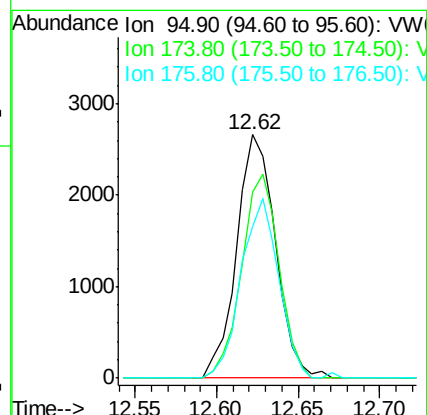
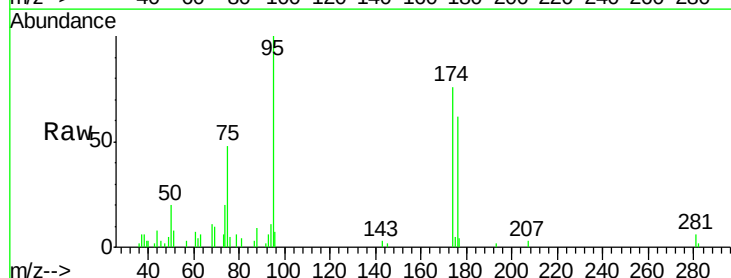
Tgt Ion: 95 Resp: 4416

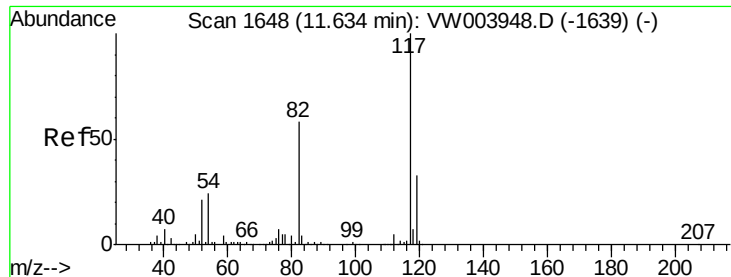
Ion Ratio Lower Upper

95 100

174 80.5 0.0 160.2

176 71.3 0.0 155.8

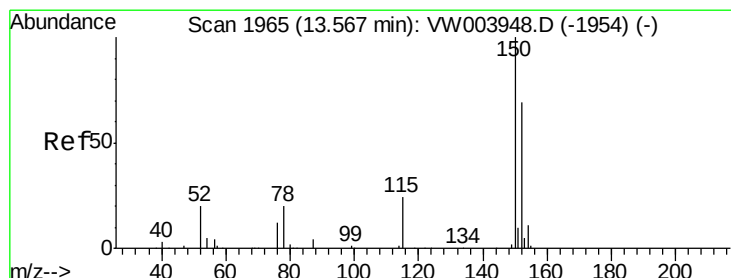
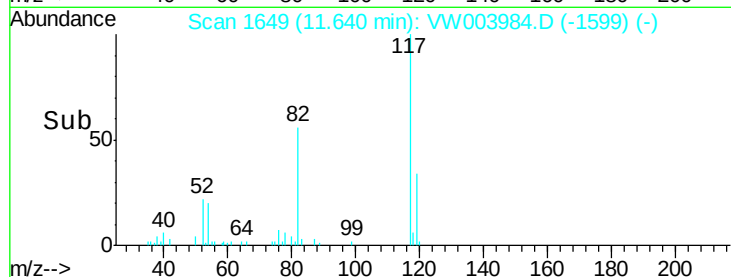
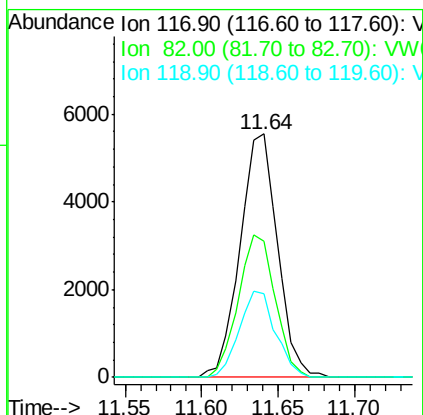
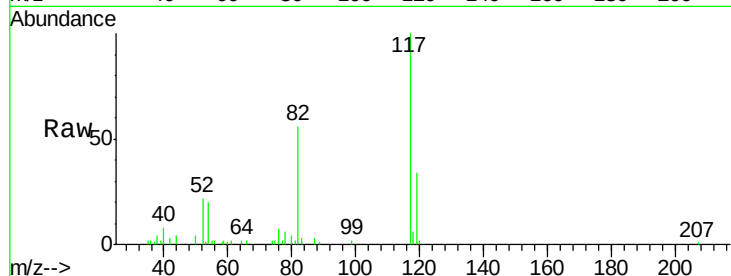




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW003984.D
Acq: 17 Jul 2018 14:52

Instrument :
MSVOA_W
ClientSampled :
FK-PS-01-033RE

Tot Ion:117 Resp: 9438
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 34.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VW003984.D
Acq: 17 Jul 2018 14:52

Tgt Ion:152 Resp: 3478
Ion Ratio Lower Upper
152 100
115 61.0 29.2 87.6
150 161.9 0.0 345.2

