

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011180.D
 Acq On : 09 Jul 2019 15:40
 Operator : SY/VA
 Sample : K3700-02
 Misc : 6.87G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-052

Quant Time: Jul 10 05:34:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132780	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
35) Dibromofluoromethane	7.88	113	101308	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.32	98	408834	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	135378	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	

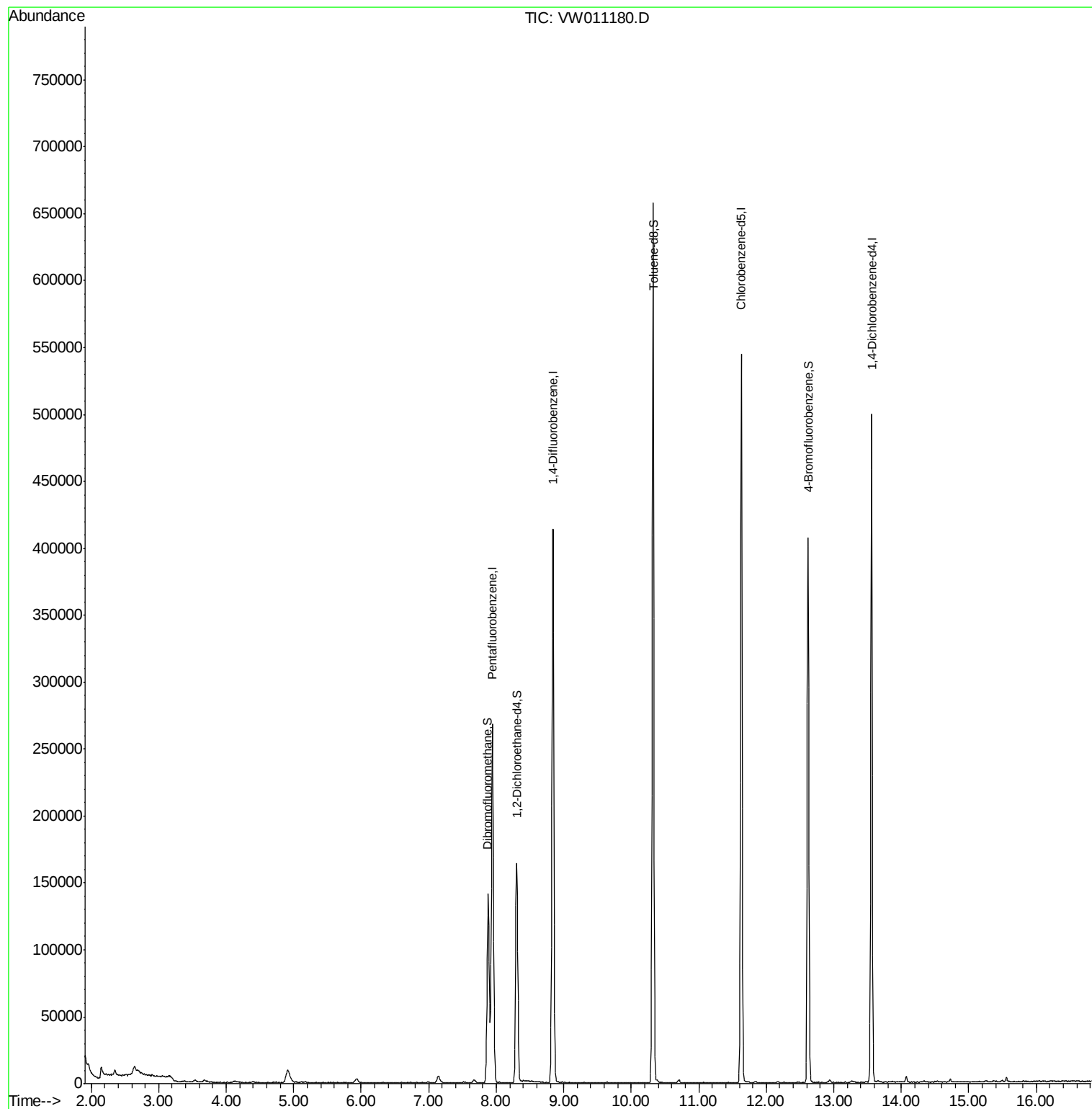
Target Compounds	Qvalue

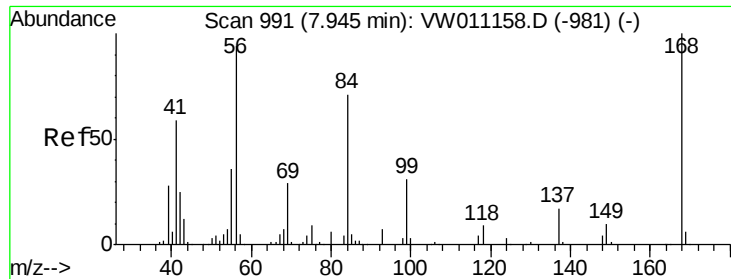
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011180.D

Acq: 09 Jul 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

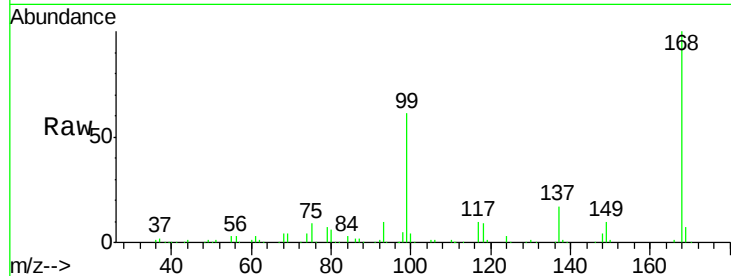
FK-PS-01-052

Tot Ion:168 Resp: 193052

Ion Ratio Lower Upper

168 100

99 60.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

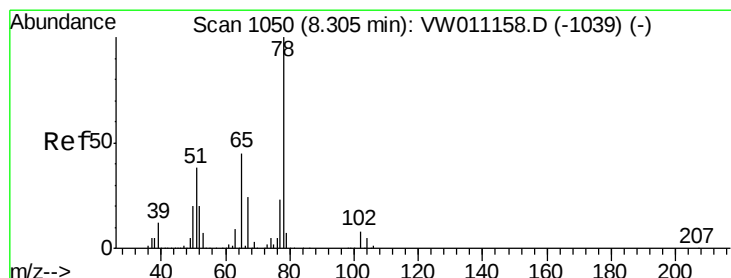
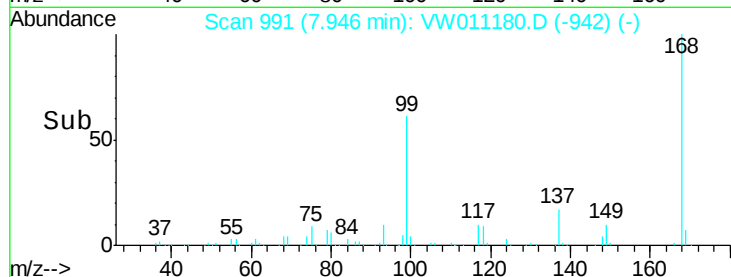
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 54.737 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011180.D

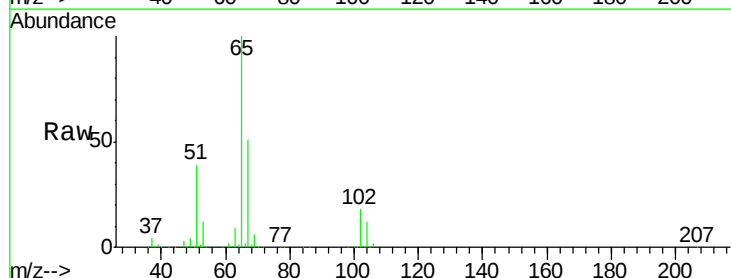
Acq: 09 Jul 2019 15:40

Tgt Ion: 65 Resp: 132780

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

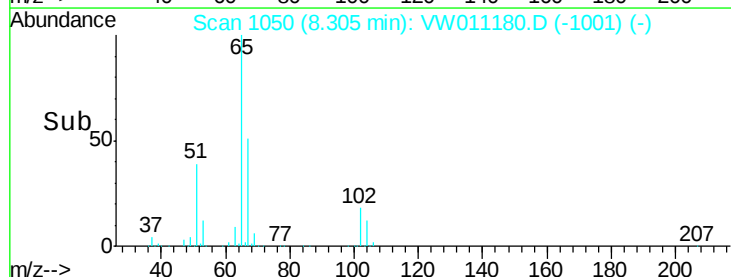
60000

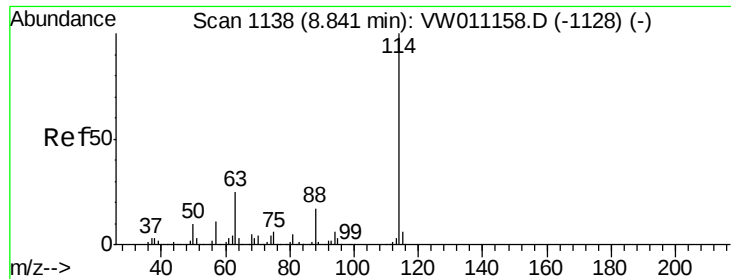
40000

20000

0

Time--> 8.20 8.30 8.40

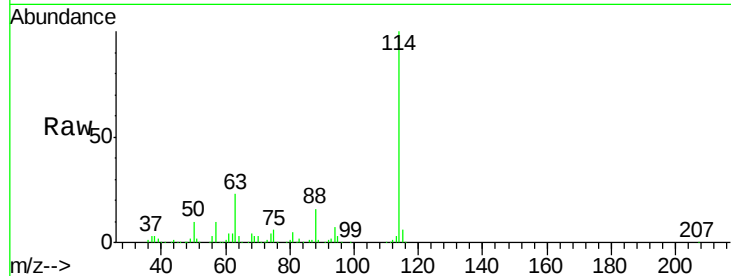




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011180.D
 Acq: 09 Jul 2019 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-052

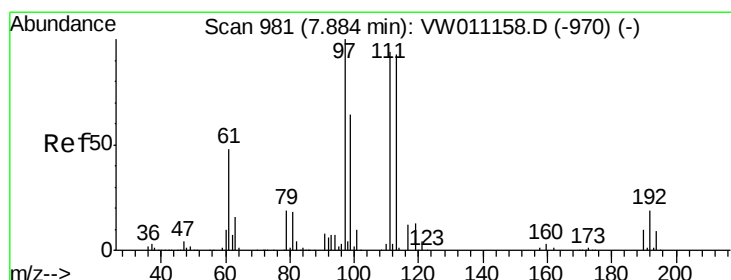
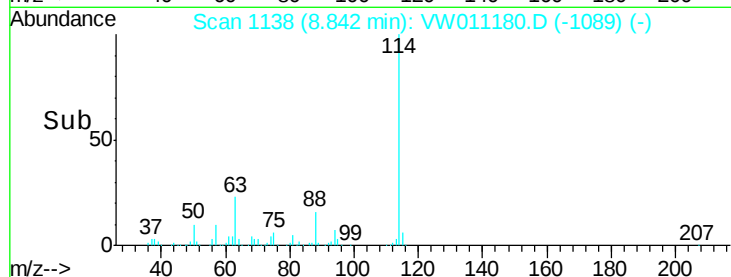
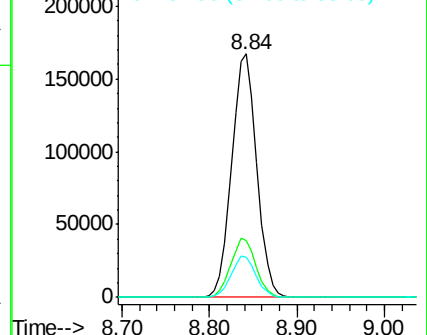
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	50.8
88	16.4	0.0	34.2



Abundance Ion 113.90 (113.60 to 114.60): V

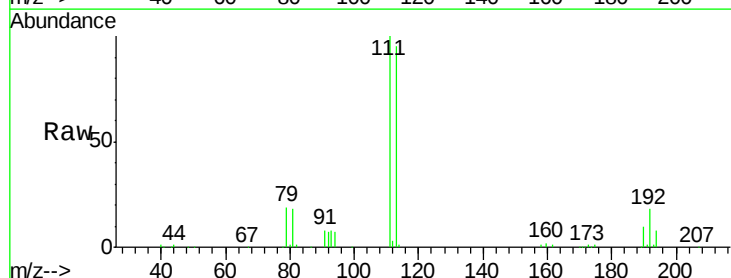
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 51.212 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011180.D
 Acq: 09 Jul 2019 15:40

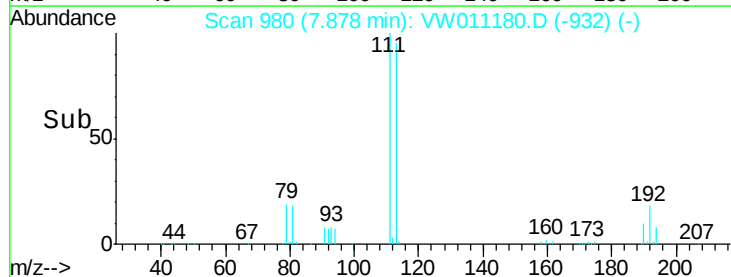
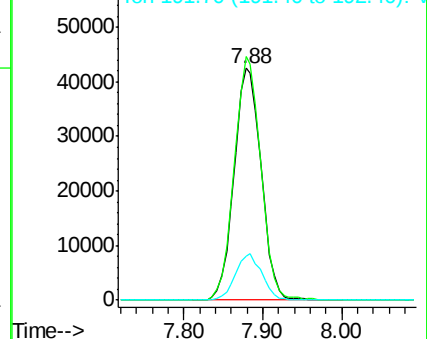
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.6	15.8	23.8

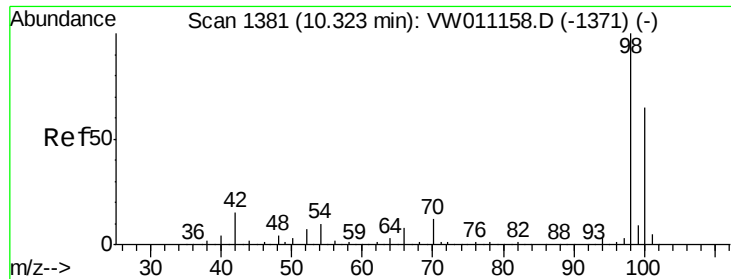


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.129 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011180.D

Acq: 09 Jul 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

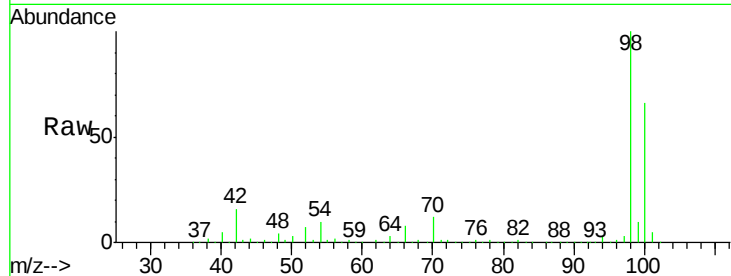
FK-PS-01-052

Tot Ion: 98 Resp: 408834

Ion Ratio Lower Upper

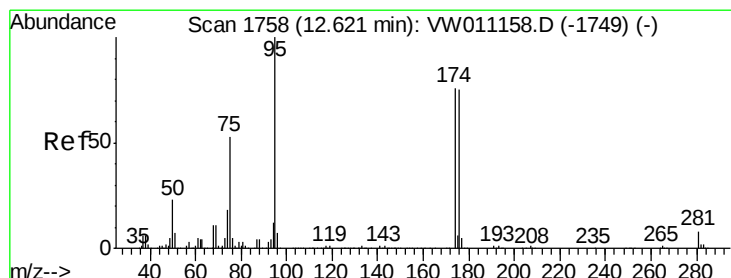
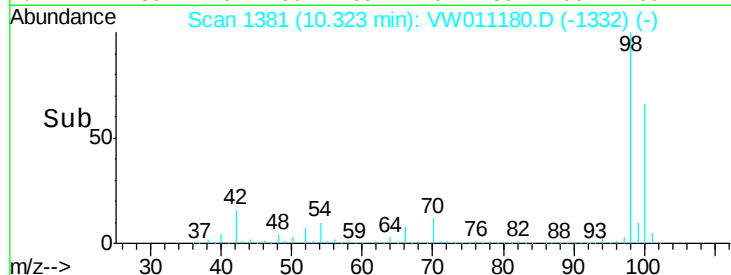
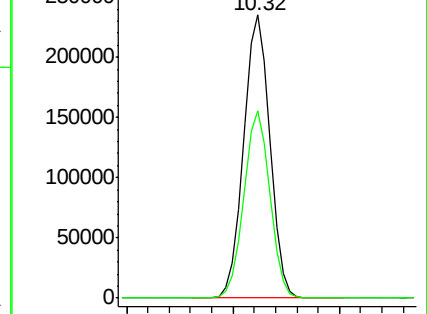
98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.190 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011180.D

Acq: 09 Jul 2019 15:40

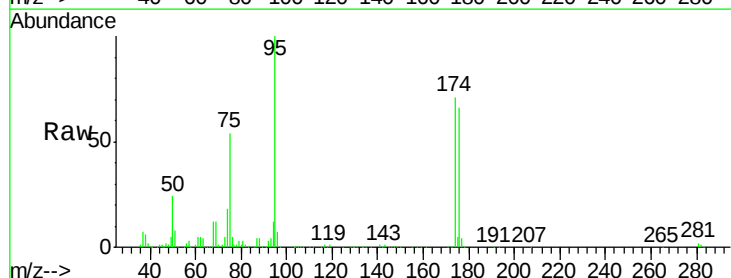
Tgt Ion: 95 Resp: 135378

Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.6

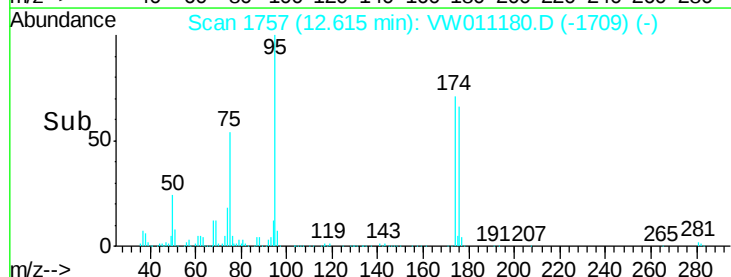
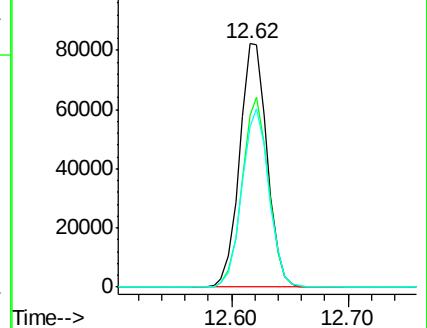
176 71.8 0.0 144.6

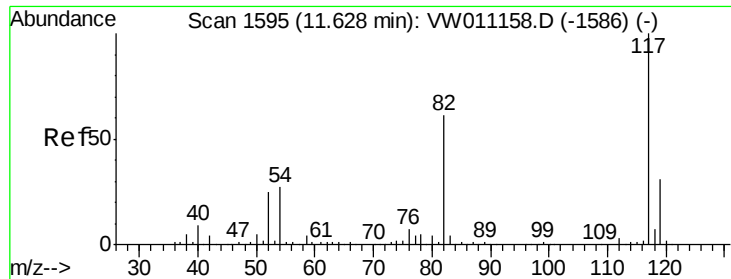


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

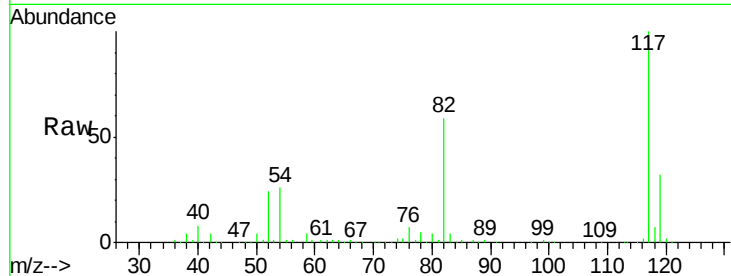




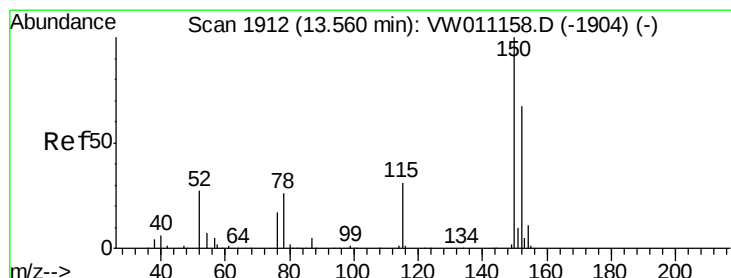
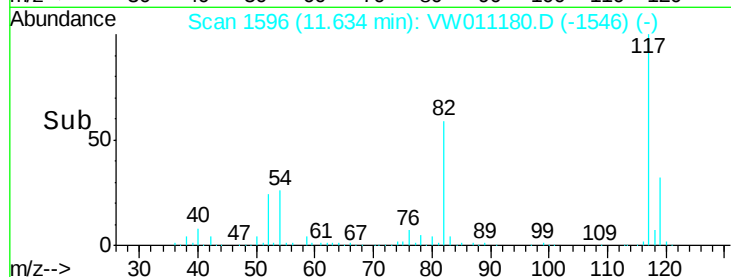
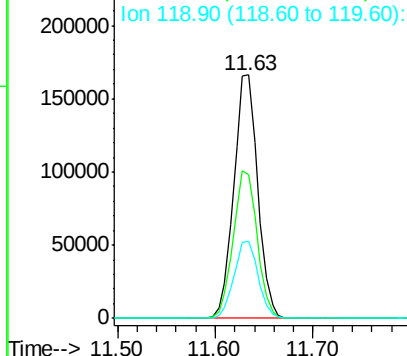
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011180.D
Acq: 09 Jul 2019 15:40

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-052

Tot Ion:117 Resp: 282374
Ion Ratio Lower Upper
117 100
82 58.8 48.9 73.3
119 31.8 25.0 37.6

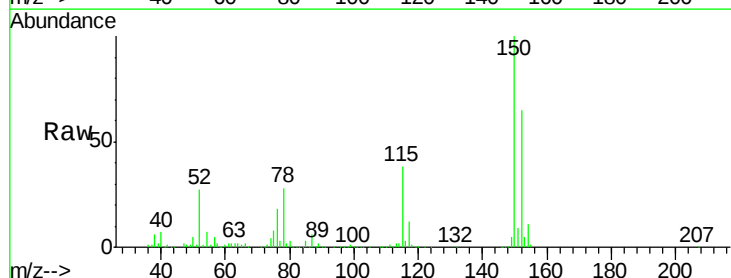


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011180.D
Acq: 09 Jul 2019 15:40

Tgt Ion:152 Resp: 121590
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 157.2 0.0 346.0



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

