

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011693.D
 Acq On : 04 Aug 2019 05:08
 Operator : SY/VA
 Sample : K4158-02
 Misc : 6.68G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-055

Quant Time: Aug 05 01:37:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161297	59.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.62%	
35) Dibromofluoromethane	7.88	113	126818	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	
50) Toluene-d8	10.32	98	477559	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	118570	36.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.78%	

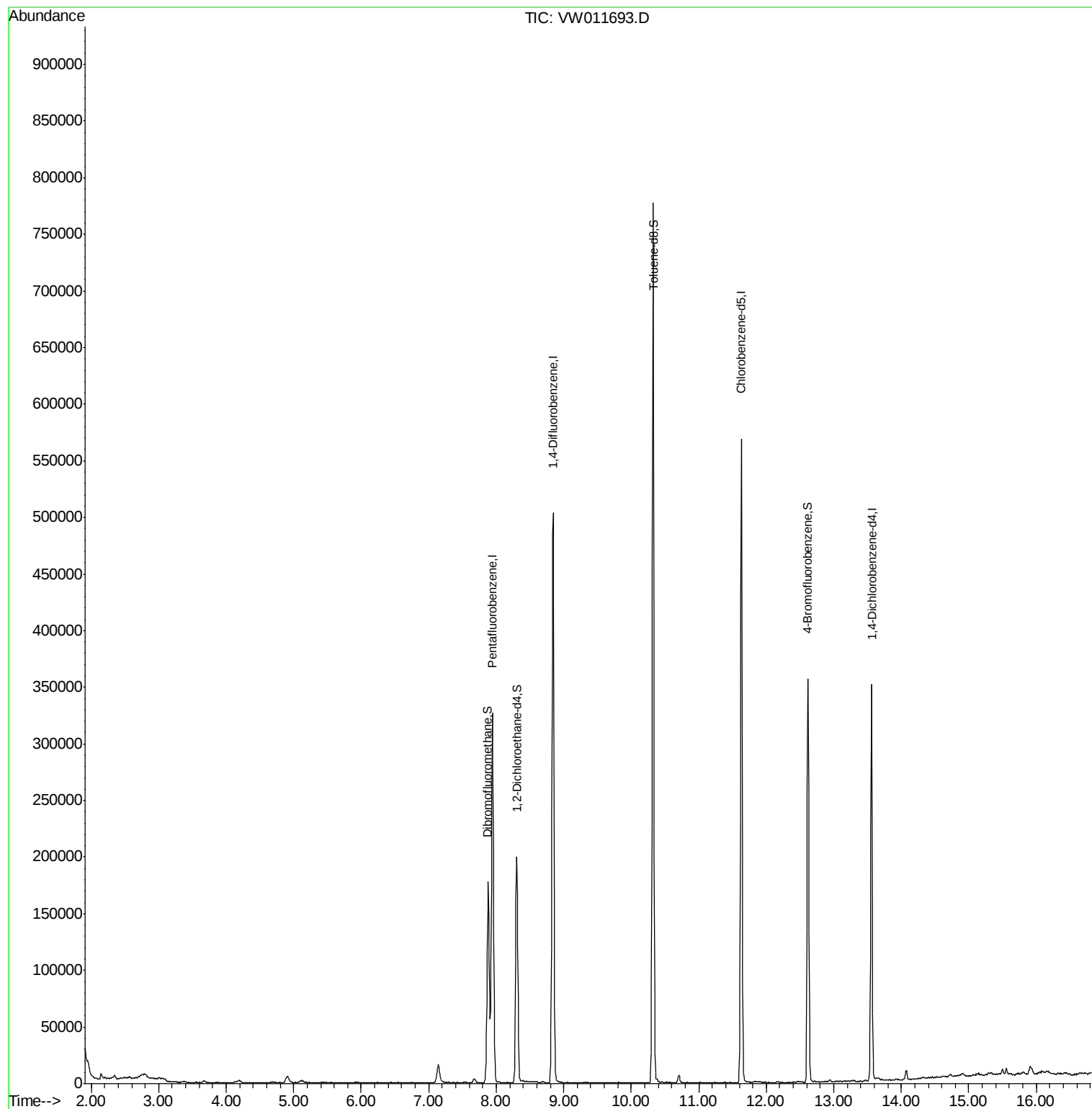
Target Compounds	Qvalue

(#) = 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: VW011693.D

Acq: 04 Aug 2019 05:08

Instrument :

MSVOA_W

ClientSampleId :

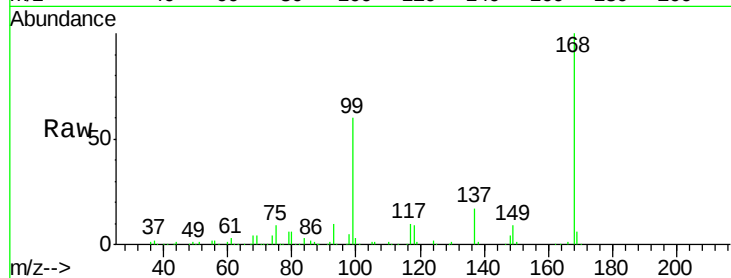
FK-PS-01-055

Tot Ion:168 Resp: 234859

Ion Ratio Lower Upper

168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

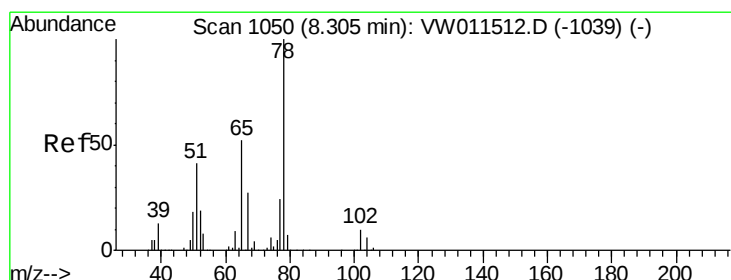
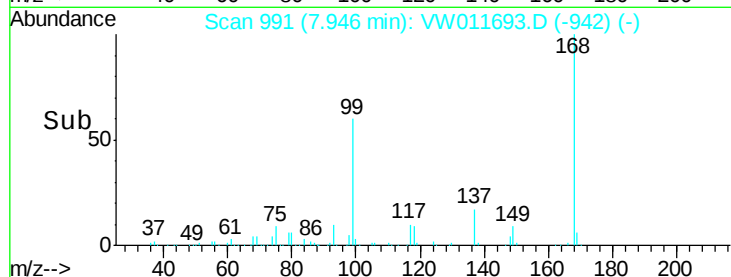
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 59.810 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011693.D

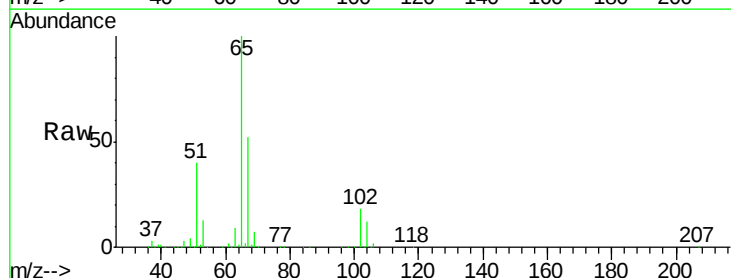
Acq: 04 Aug 2019 05:08

Tgt Ion: 65 Resp: 161297

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

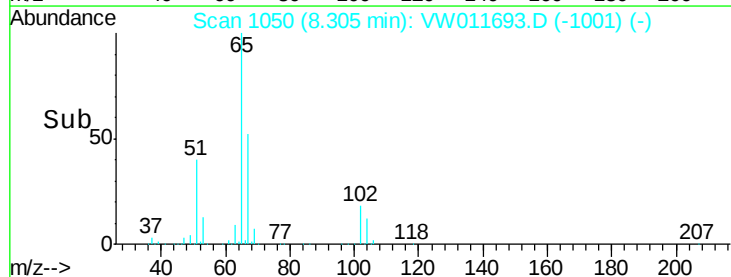
60000

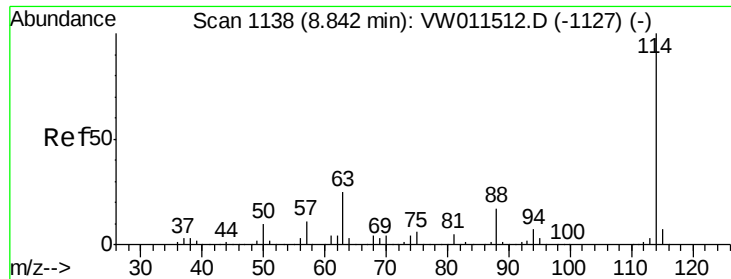
40000

20000

0

Time--> 8.20 8.30 8.40 8.50

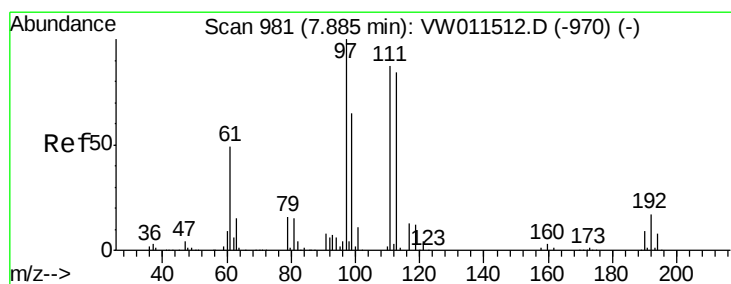
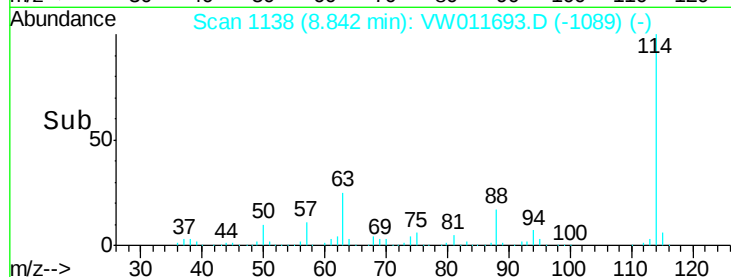
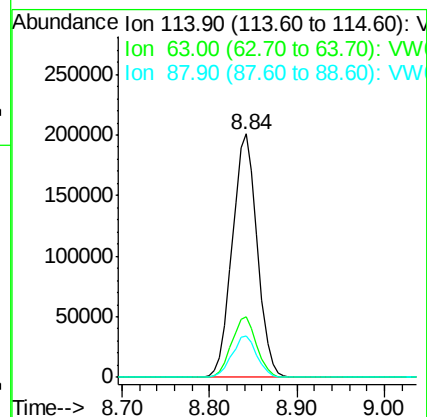
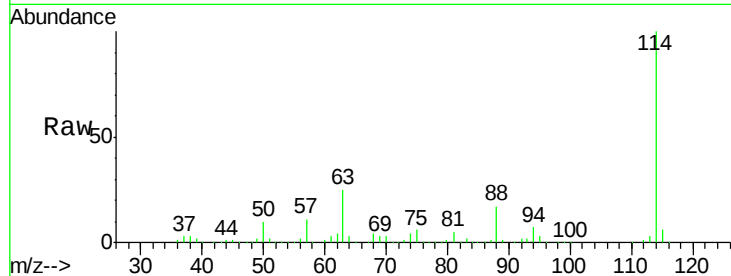




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011693.D
 Acq: 04 Aug 2019 05:08

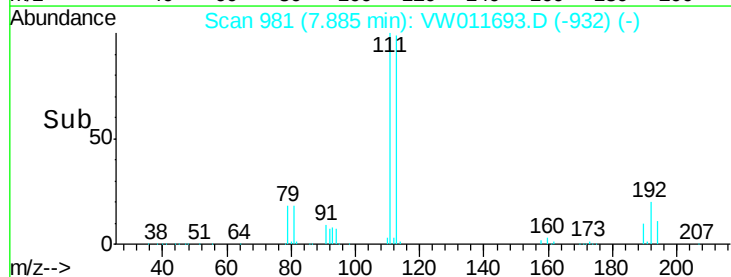
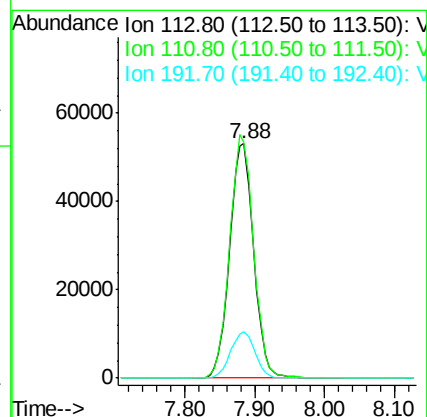
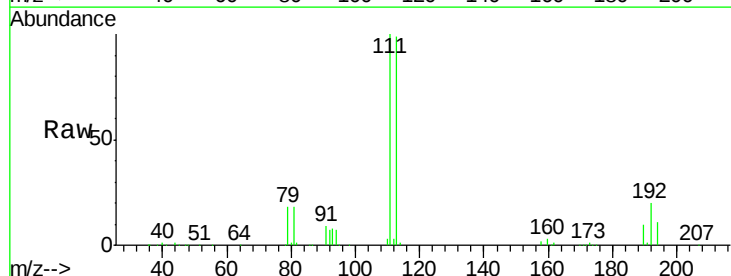
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-055

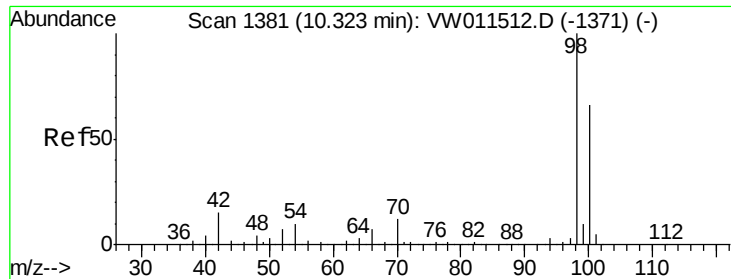
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	49.2
88	17.0	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 56.810 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011693.D
 Acq: 04 Aug 2019 05:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.0	16.1	24.1





#50

Toluene-d8

Concen: 52.251 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011693.D

Acq: 04 Aug 2019 05:08

Instrument :

MSVOA_W

ClientSampleId :

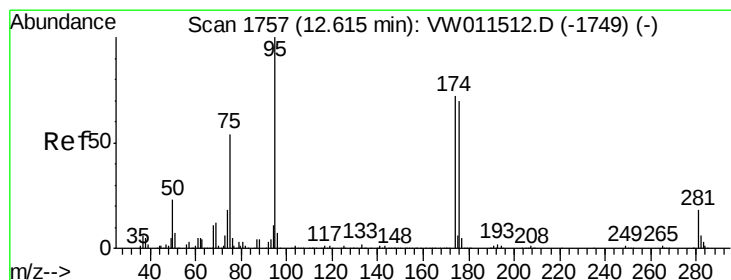
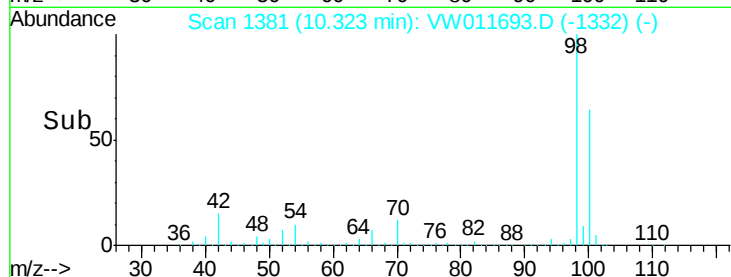
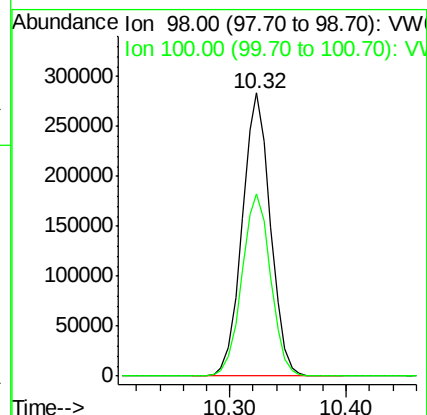
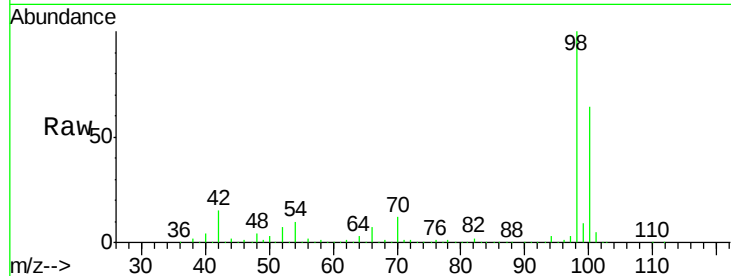
FK-PS-01-055

Tot Ion: 98 Resp: 477559

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 36.388 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011693.D

Acq: 04 Aug 2019 05:08

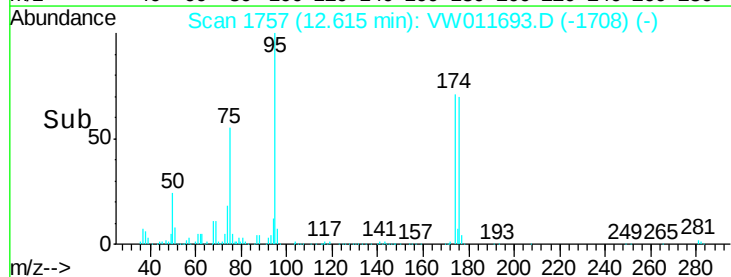
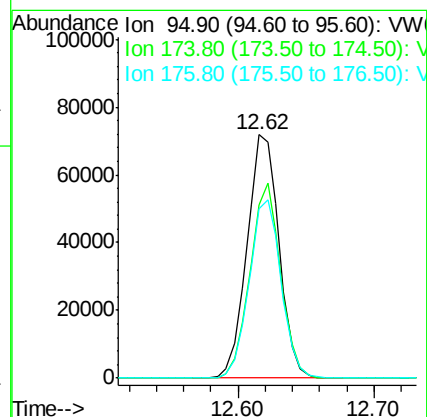
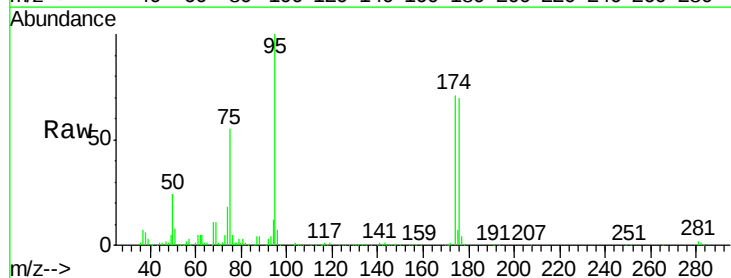
Tgt Ion: 95 Resp: 118570

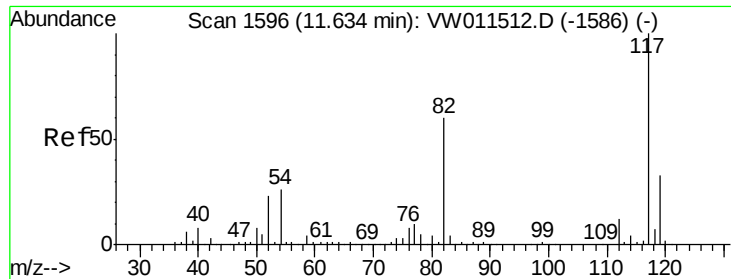
Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.2

176 72.9 0.0 144.4

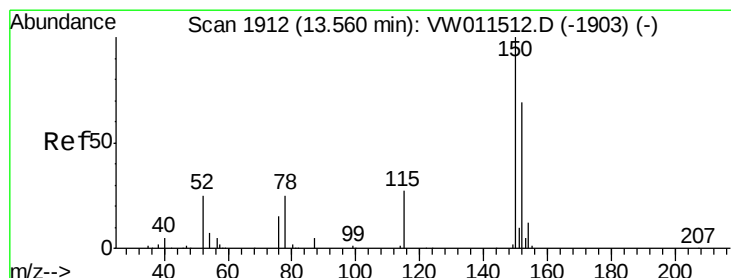
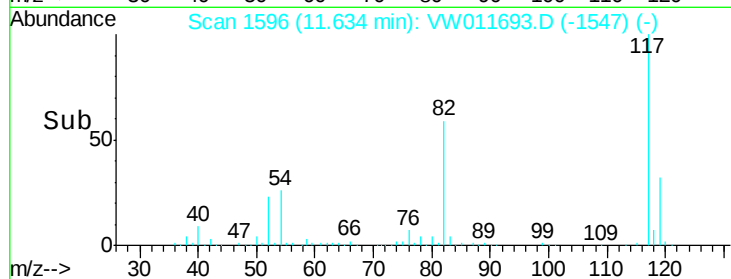
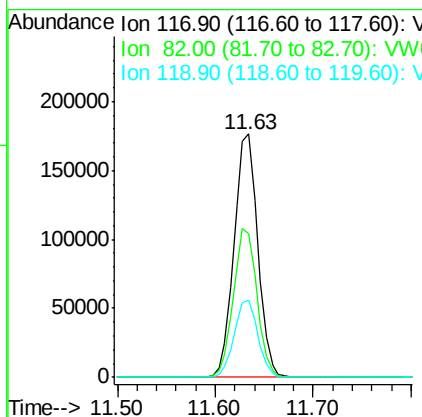
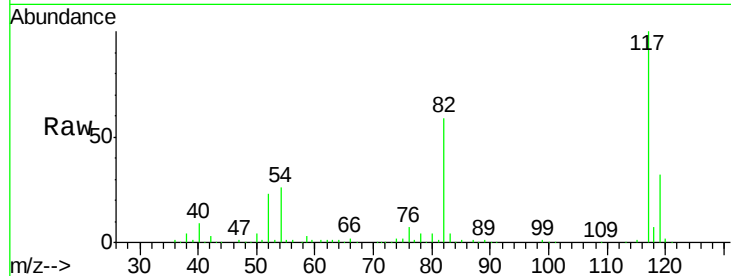




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-055

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.9	71.9
119	32.0	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011693.D
Acq: 04 Aug 2019 05:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.5	91.5
150	156.6	0.0	352.6

