

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011745.D
 Acq On : 07 Aug 2019 12:40
 Operator : SY/VA
 Sample : K4034-02
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-054

Quant Time: Aug 08 08:47:28 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	191150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	237187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125619	57.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.46%	
35) Dibromofluoromethane	7.88	113	99019	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
50) Toluene-d8	10.32	98	375750	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.62	95	99749	38.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.74%	

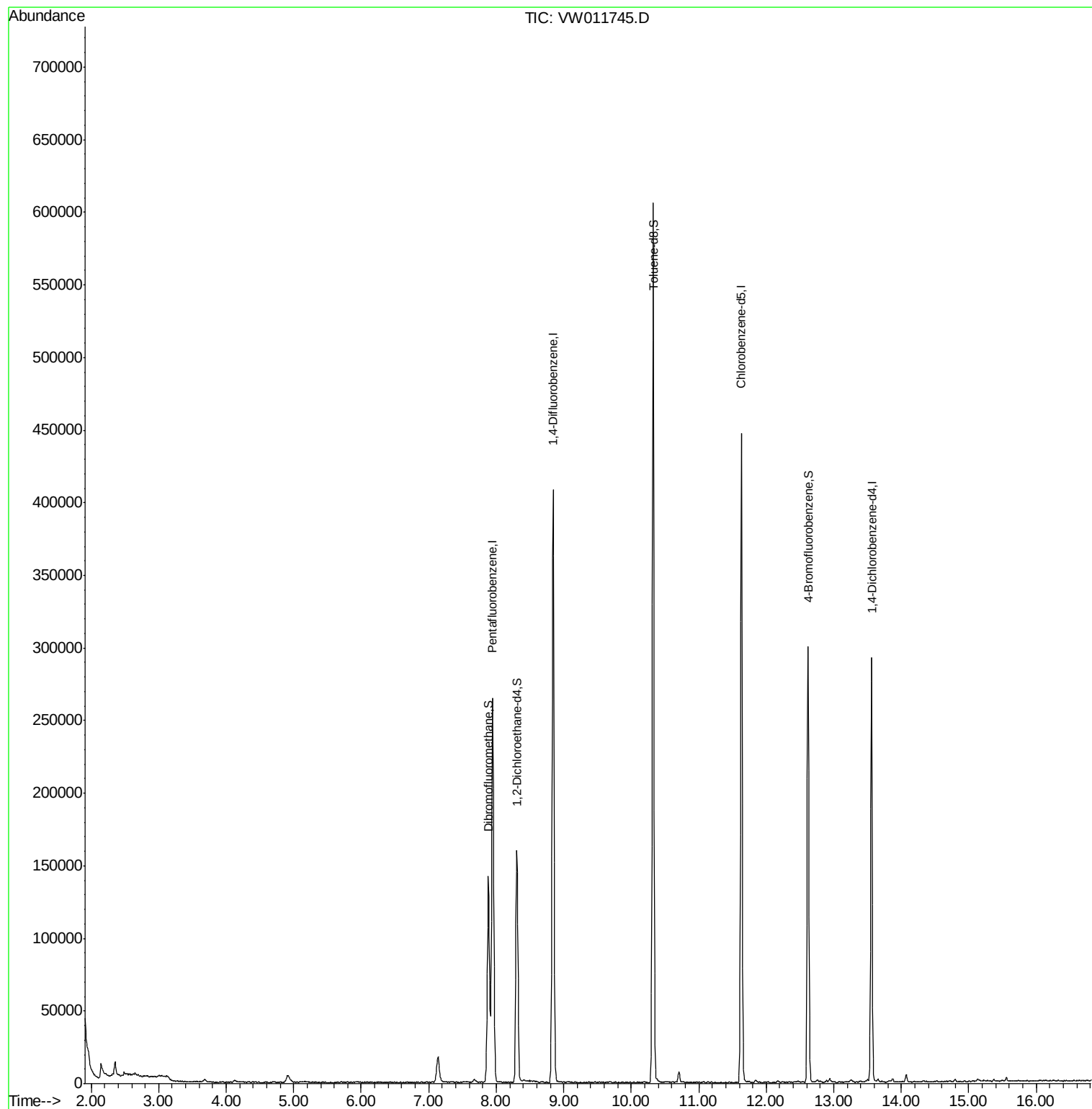
Target Compounds	Qvalue
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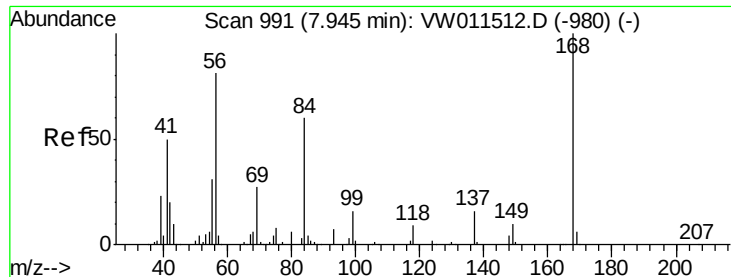
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011745.D

Acq: 07 Aug 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

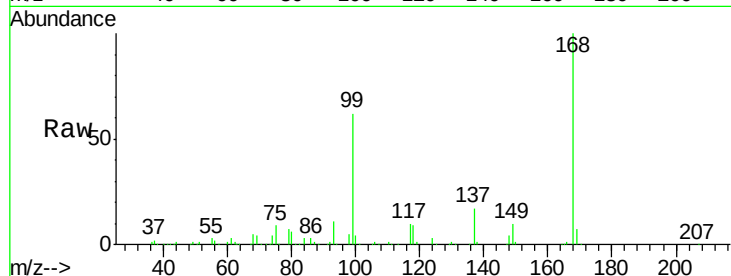
FK-PS-01-054

Tot Ion:168 Resp: 191150

Ion Ratio Lower Upper

168 100

99 61.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

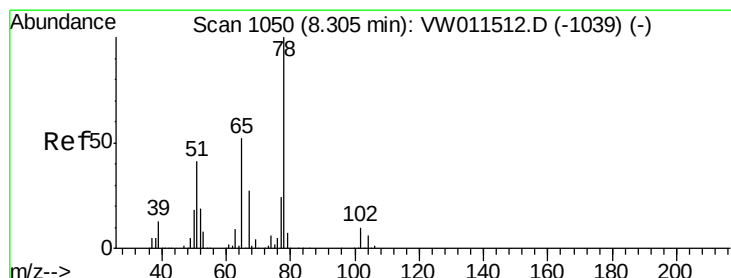
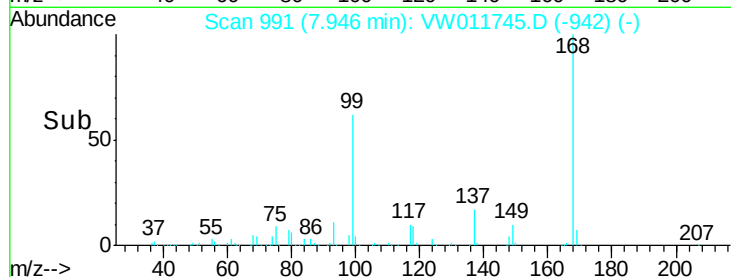
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.231 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011745.D

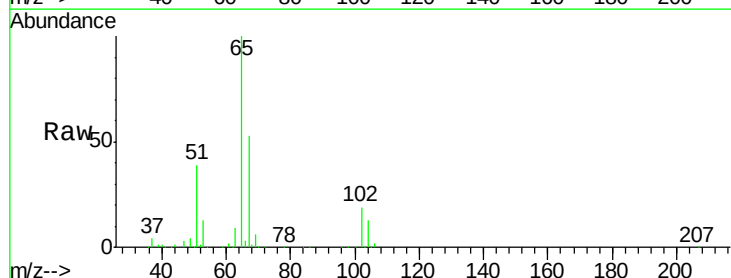
Acq: 07 Aug 2019 12:40

Tgt Ion: 65 Resp: 125619

Ion Ratio Lower Upper

65 100

67 52.8 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

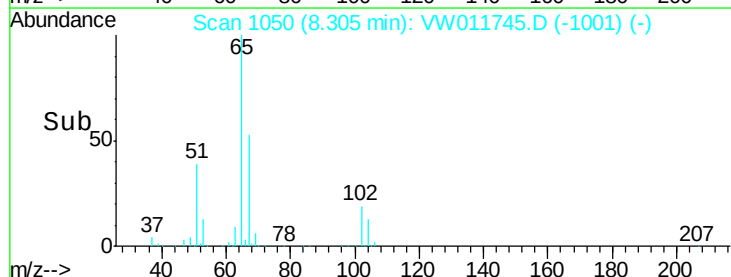
60000

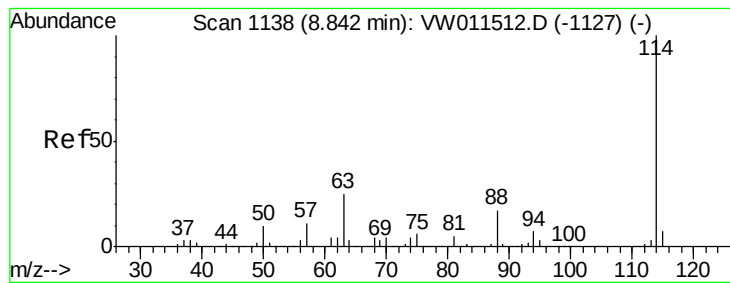
40000

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: VW011745.D

Acq: 07 Aug 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-054

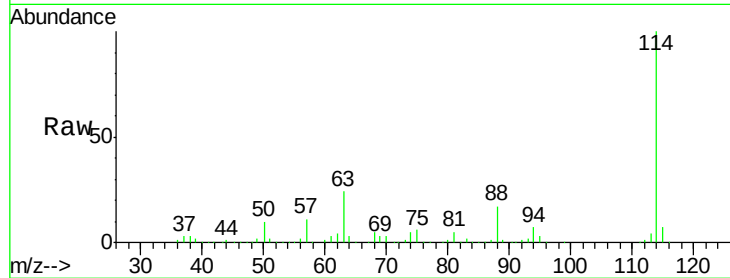
Tot Ion:114 Resp: 317456

Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

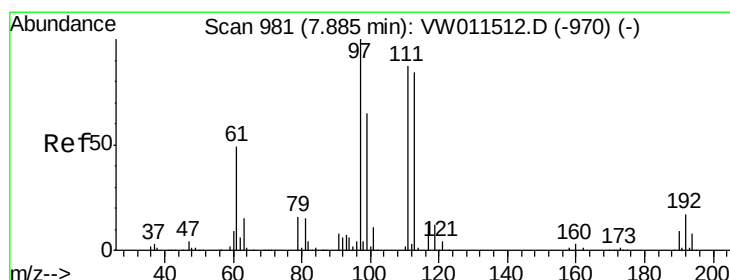
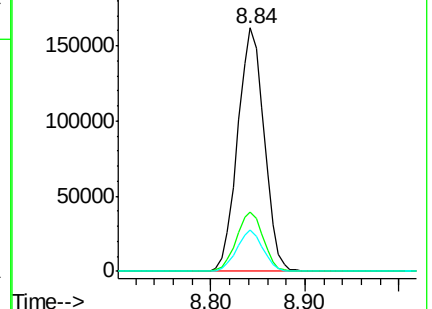
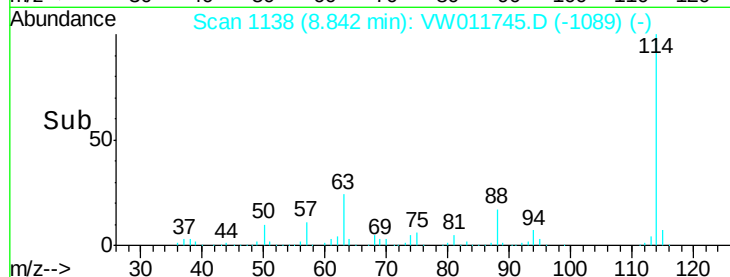
88 16.9 0.0 33.8



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: 55.598 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011745.D

Acq: 07 Aug 2019 12:40

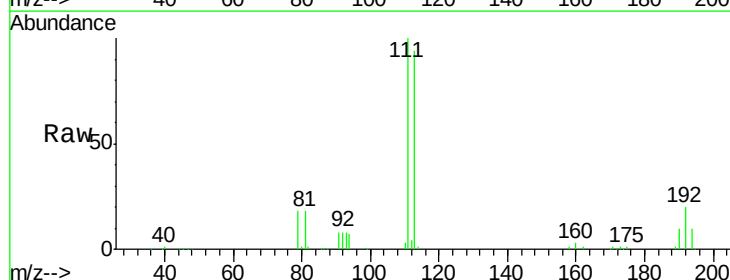
Tgt Ion:113 Resp: 99019

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

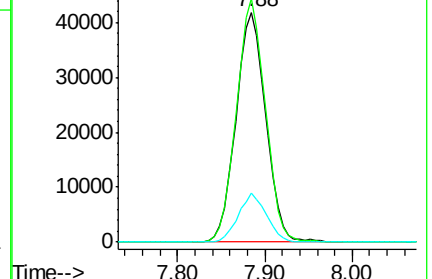
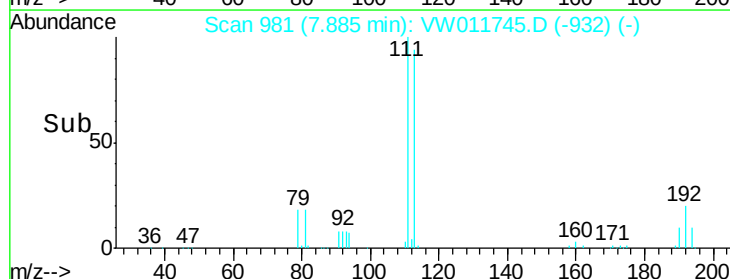
192 20.0 16.1 24.1

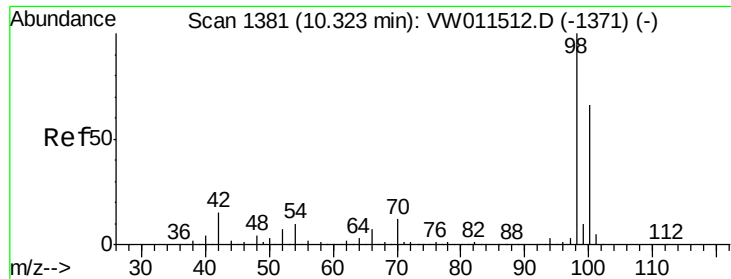


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

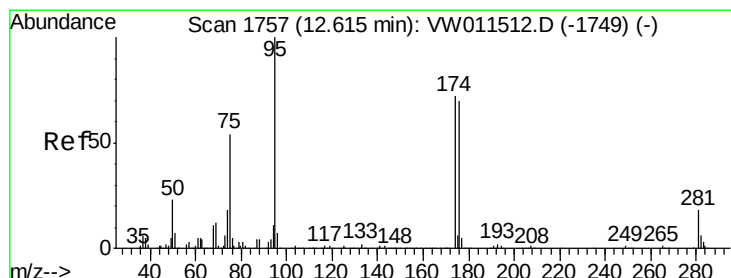
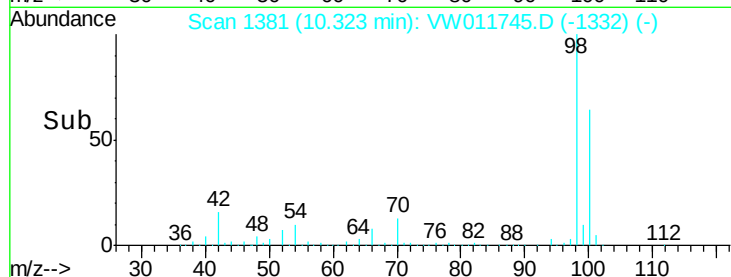
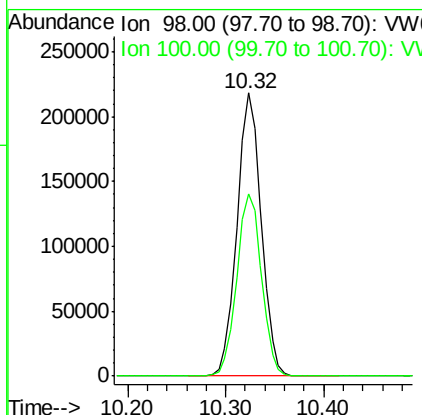
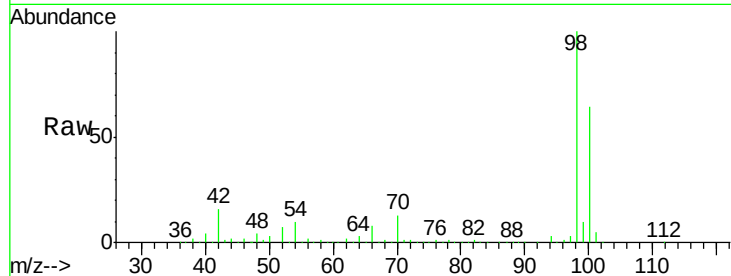




#50
Toluene-d8
Concen: 51.530 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011745.D
Acq: 07 Aug 2019 12:40

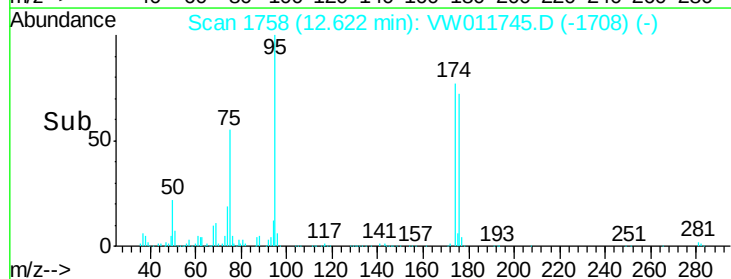
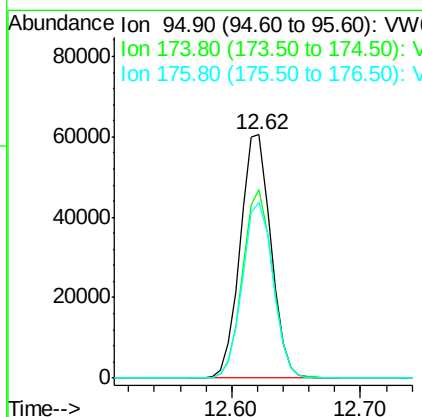
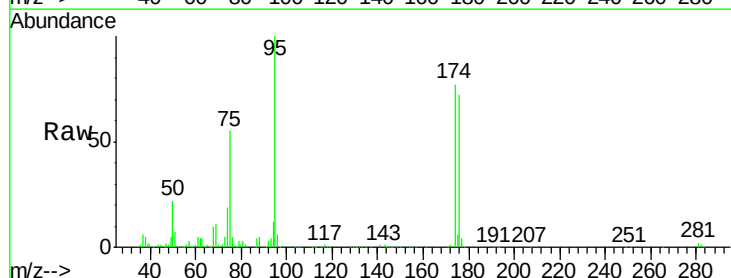
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-054

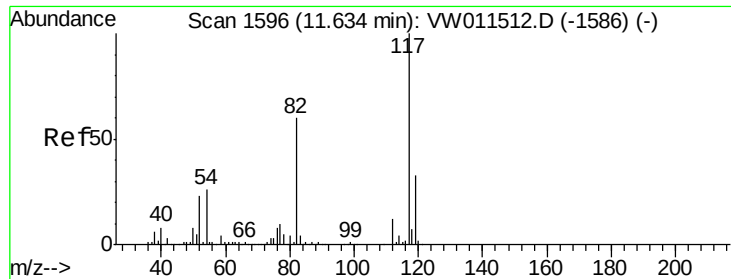
Tot Ion: 98 Resp: 375750
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 38.369 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011745.D
Acq: 07 Aug 2019 12:40

Tgt Ion: 95 Resp: 99749
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.2
176 72.1 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: VW011745.D

Acq: 07 Aug 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-054

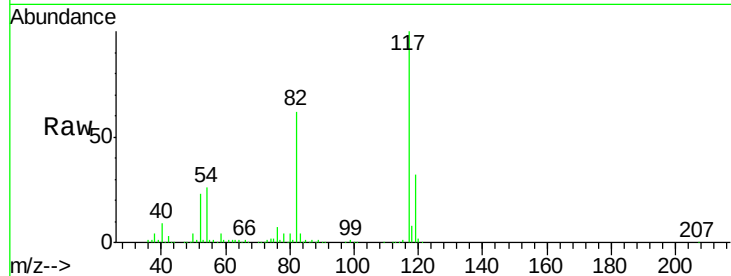
Tot Ion:117 Resp: 237187

Ion Ratio Lower Upper

117 100

82 61.5 47.9 71.9

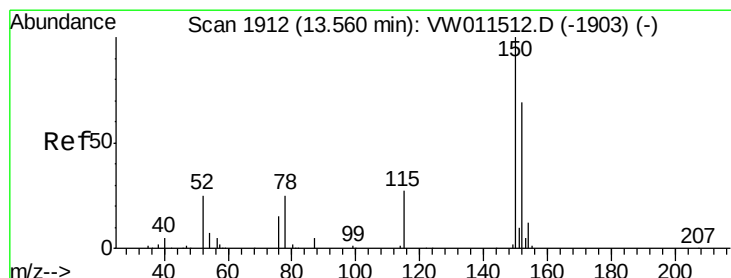
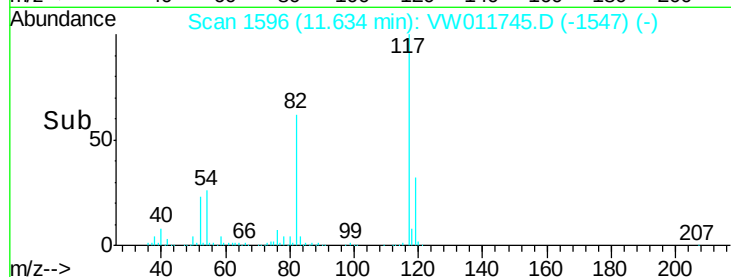
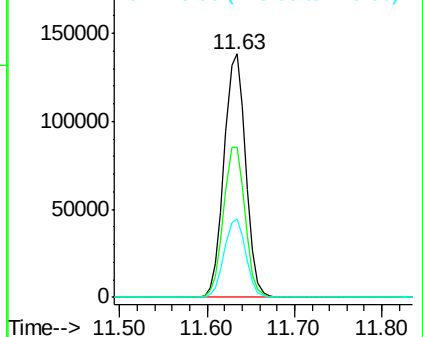
119 32.1 26.2 39.2



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: VW011745.D

Acq: 07 Aug 2019 12:40

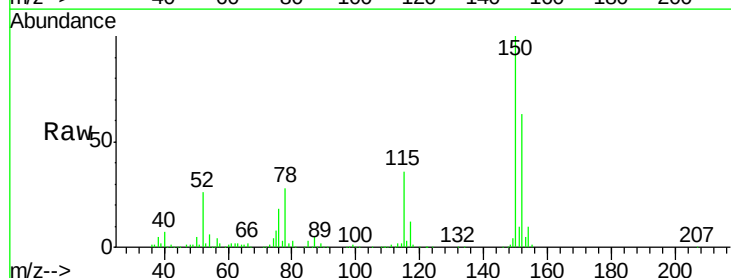
Tgt Ion:152 Resp: 71198

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

150 159.2 0.0 352.6



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

