

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013225.D
 Acq On : 23 Sep 2019 12:37
 Operator : SY/VA
 Sample : K4972-02
 Misc : 3.84G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-046-A

Quant Time: Sep 24 06:59:33 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

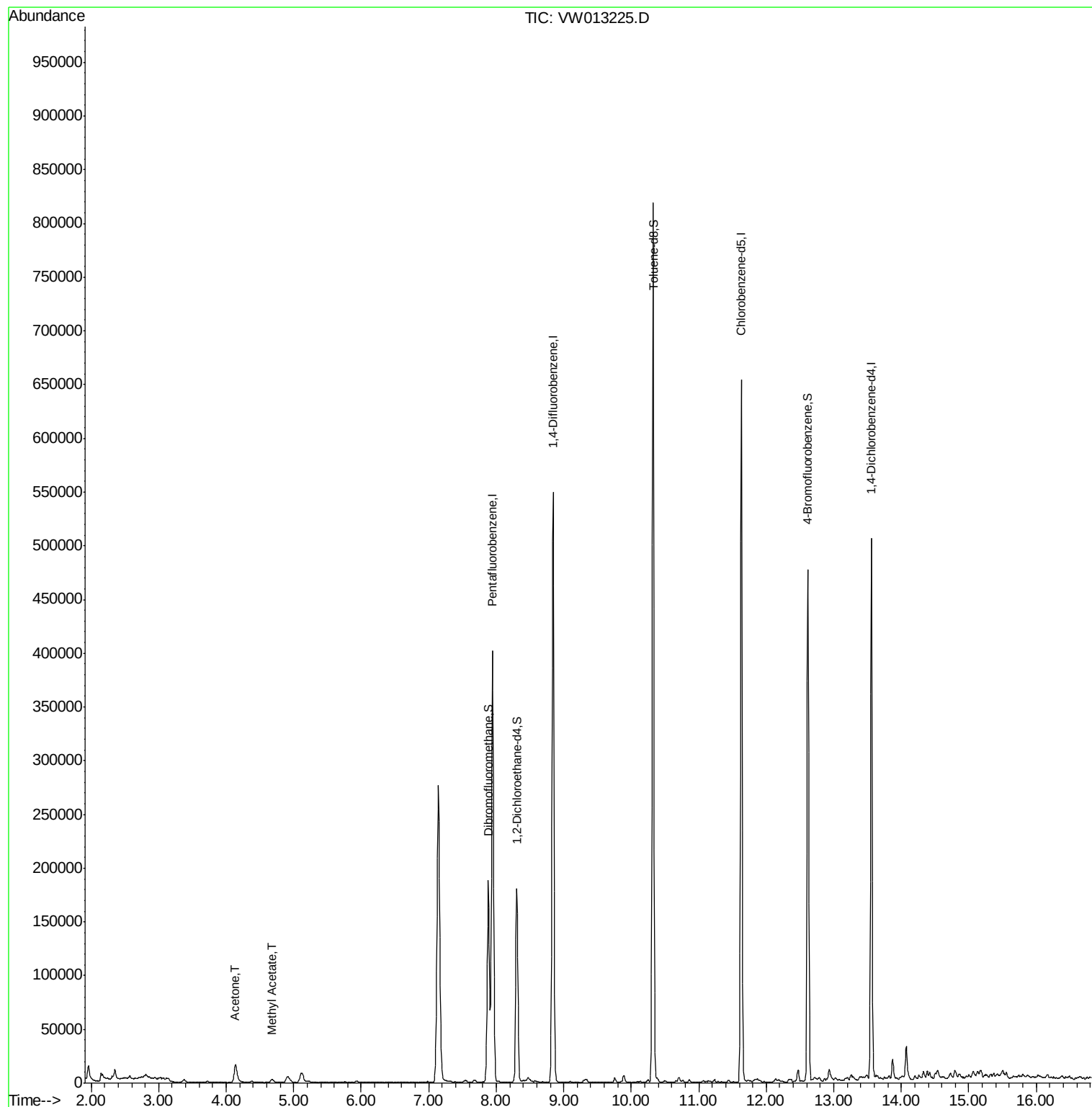
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	329633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139014	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.88	113	135703	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	10.32	98	548837	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.62	95	157817	41.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.10%	
Target Compounds						
16) Acetone	4.14	43	34566	56.975	ug/l	99
18) Methyl Acetate	4.68	43	5532	3.244	ug/l	97

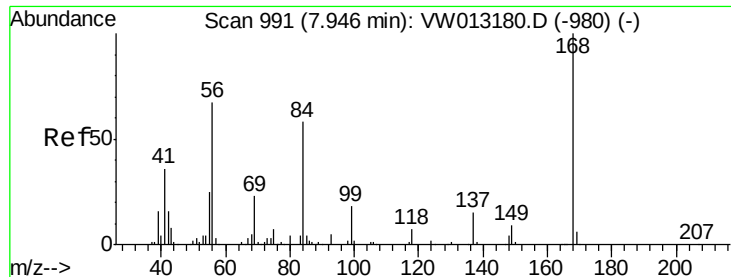
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013225.D

Acq: 23 Sep 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

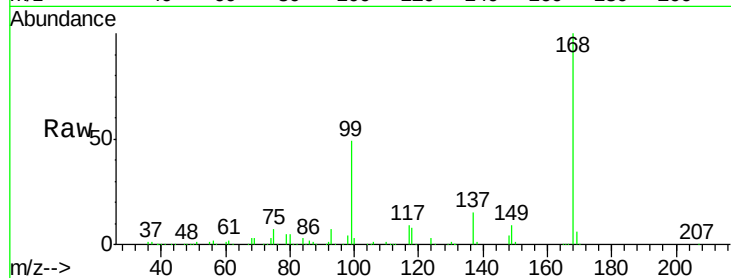
FK-GF-02-046-A

Tot Ion:168 Resp: 329633

Ion Ratio Lower Upper

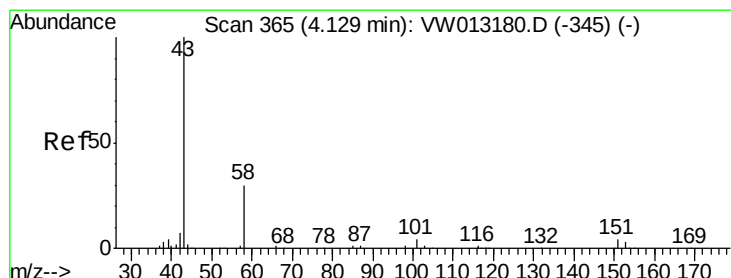
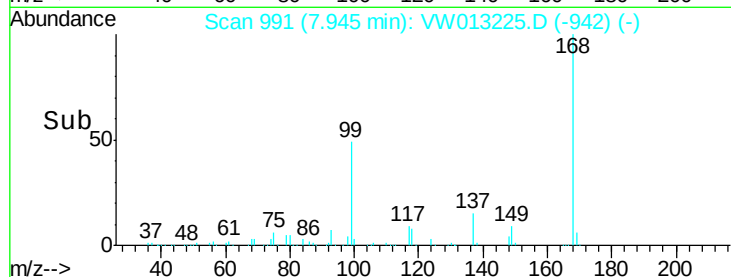
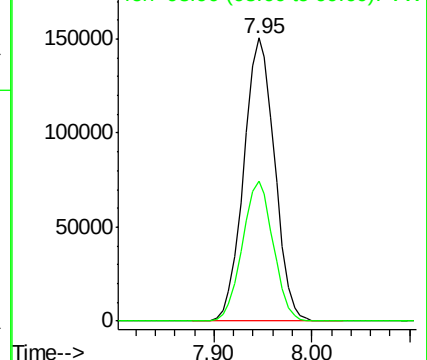
168 100

99 49.5 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 56.975 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013225.D

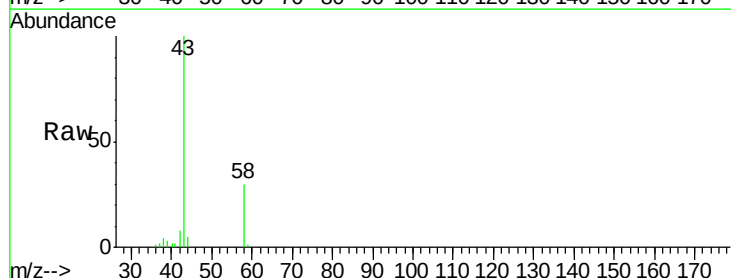
Acq: 23 Sep 2019 12:37

Tgt Ion: 43 Resp: 34566

Ion Ratio Lower Upper

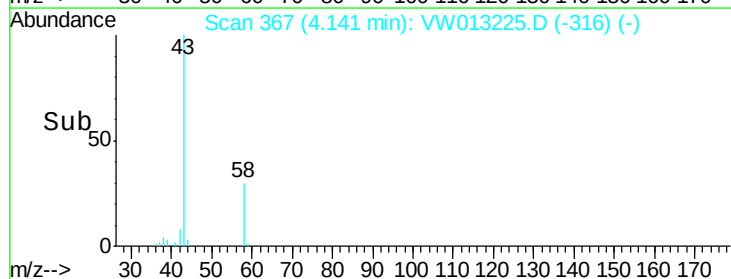
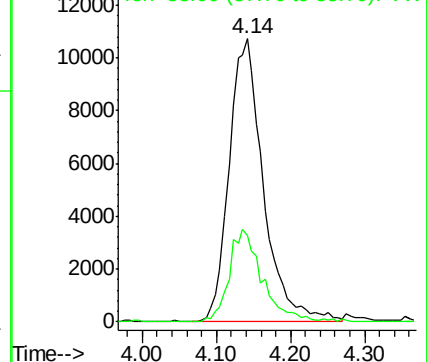
43 100

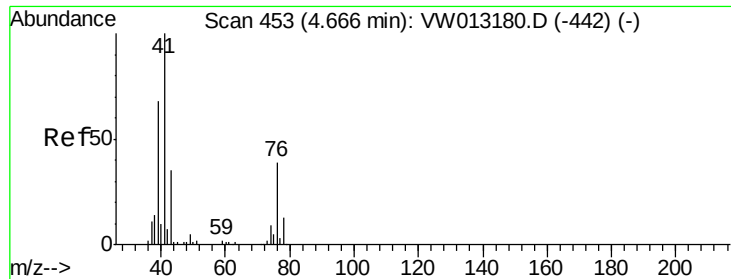
58 30.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

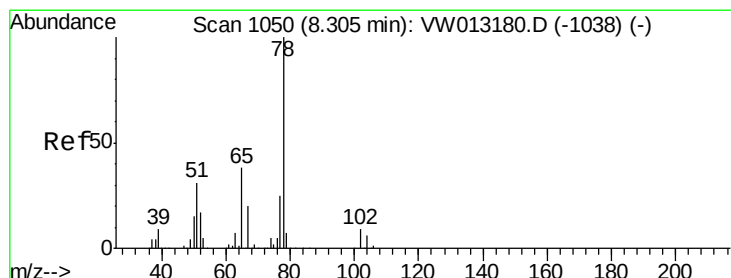
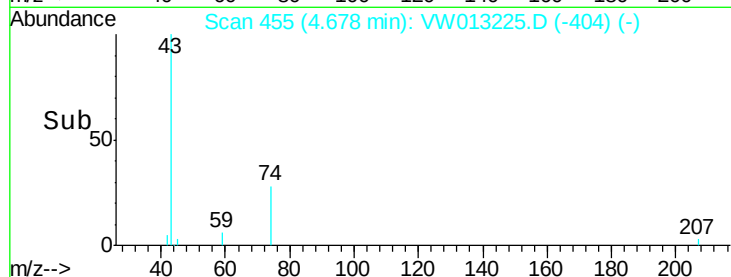
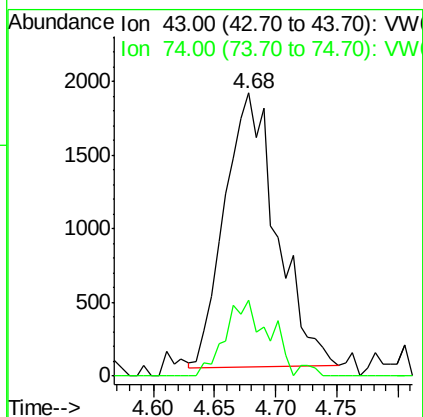
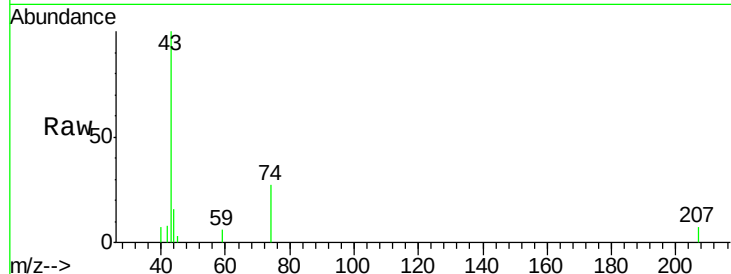




#18
Methyl Acetate
Concen: 3.244 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013225.D
Acq: 23 Sep 2019 12:37

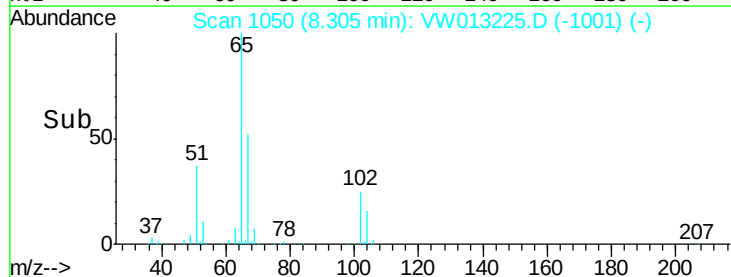
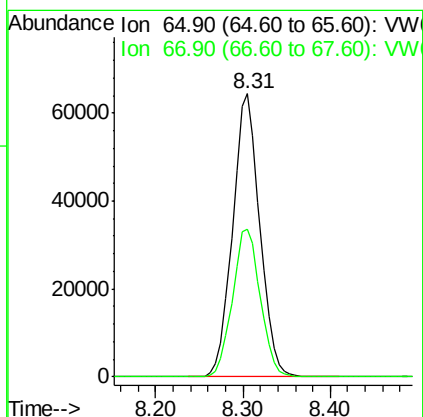
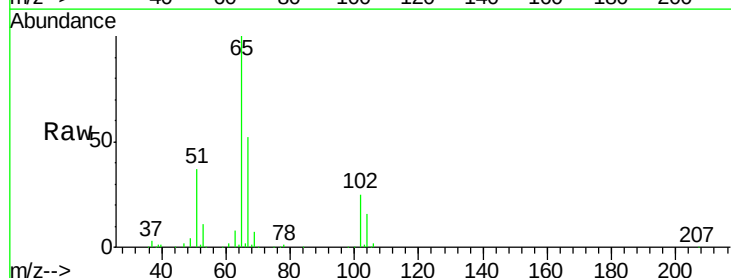
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-046-A

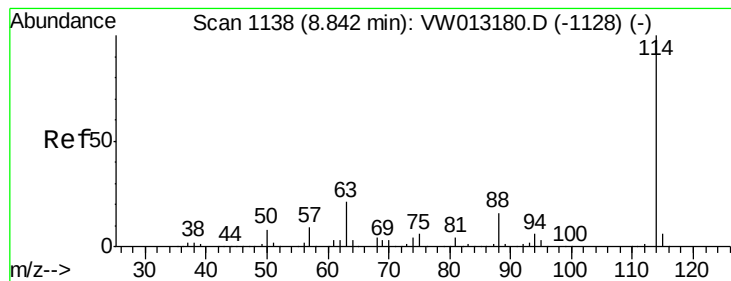
Tot Ion: 43 Resp: 5532
Ion Ratio Lower Upper
43 100
74 22.7 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 51.673 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013225.D
Acq: 23 Sep 2019 12:37

Tgt Ion: 65 Resp: 139014
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013225.D

Acq: 23 Sep 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-046-A

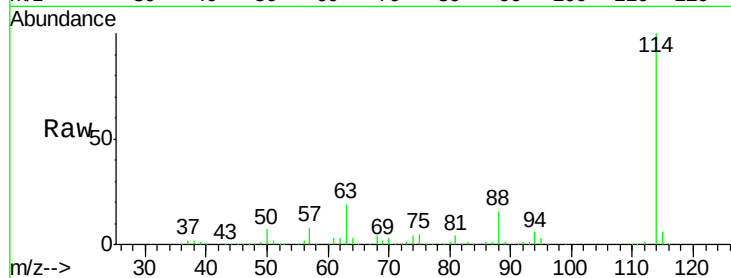
Tot Ion:114 Resp: 483087

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

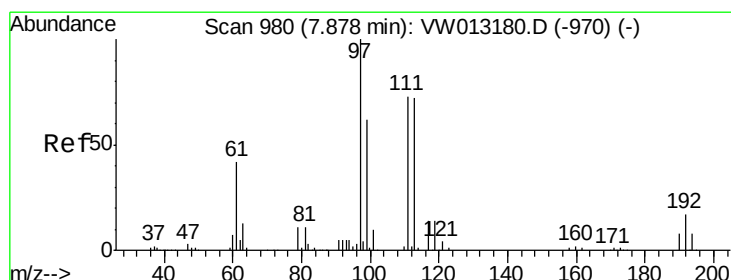
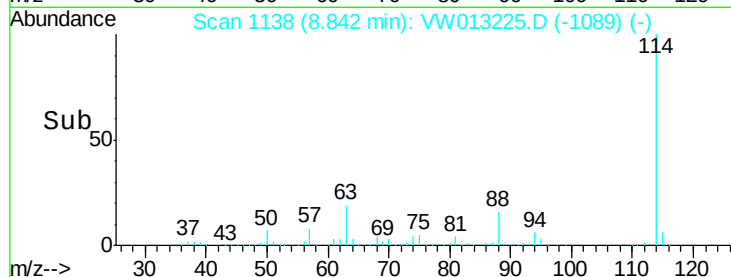
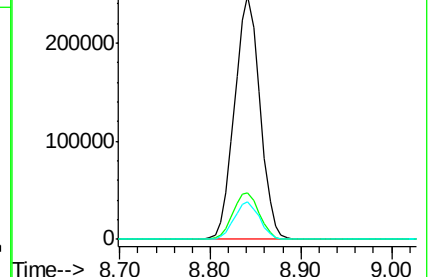
88 15.6 0.0 32.0



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: 51.074 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013225.D

Acq: 23 Sep 2019 12:37

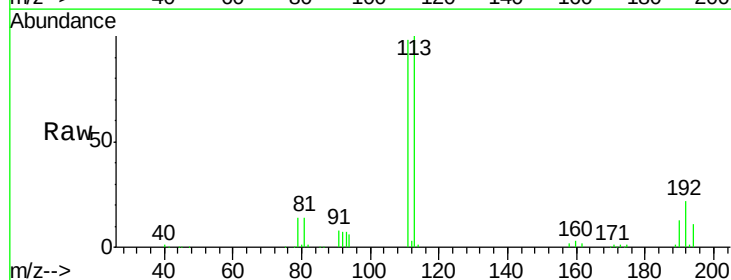
Tgt Ion:113 Resp: 135703

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

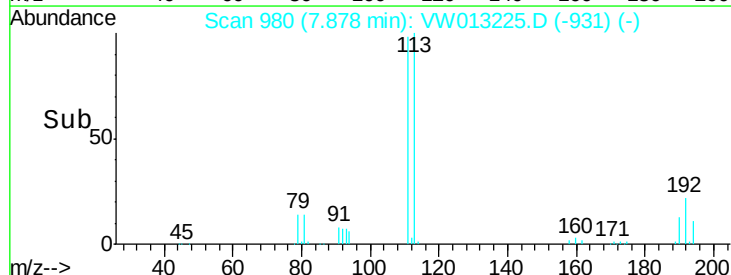
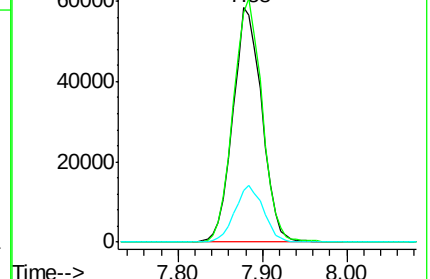
192 23.9 19.1 28.7

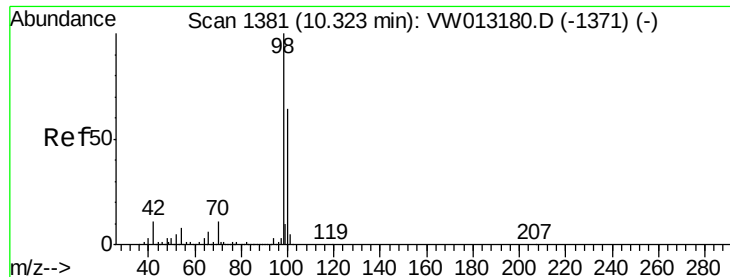


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.357 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013225.D

Acq: 23 Sep 2019 12:37

Instrument :

MSVOA_W

ClientSampleId :

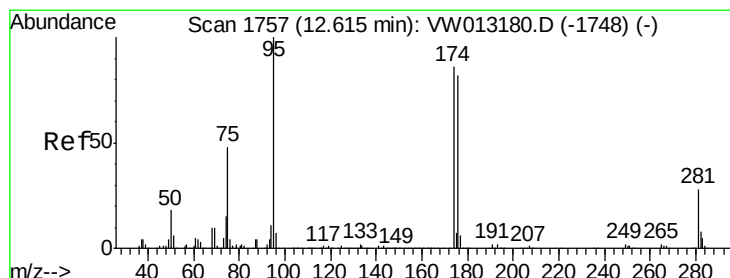
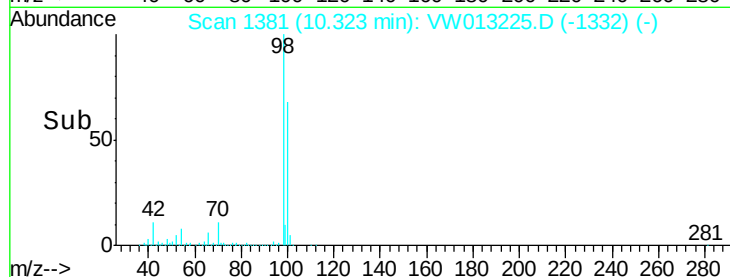
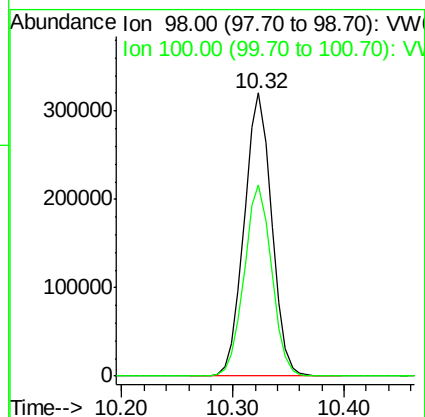
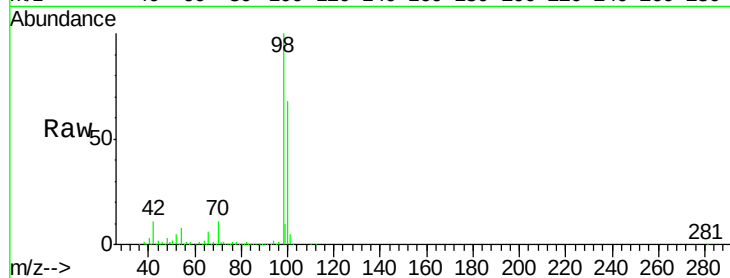
FK-GF-02-046-A

Tot Ion: 98 Resp: 548837

Ion Ratio Lower Upper

98 100

100 67.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 41.548 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013225.D

Acq: 23 Sep 2019 12:37

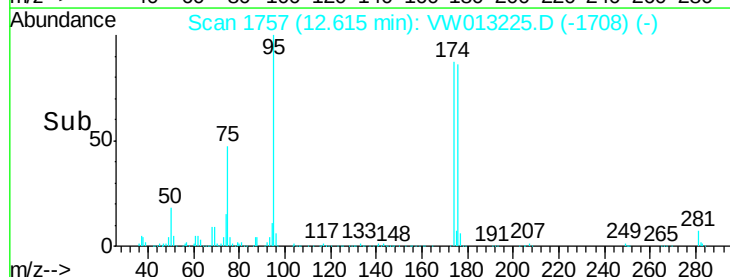
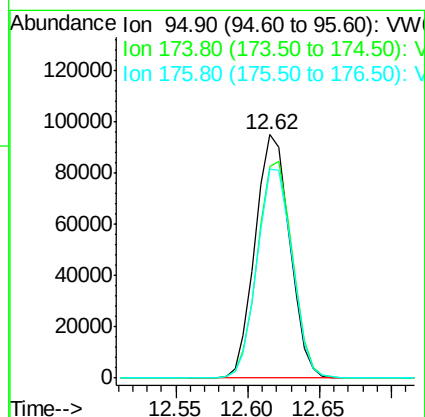
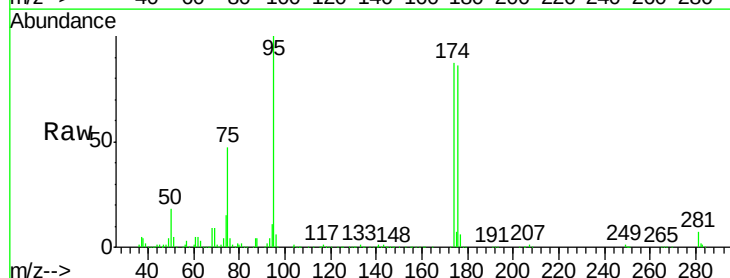
Tgt Ion: 95 Resp: 157817

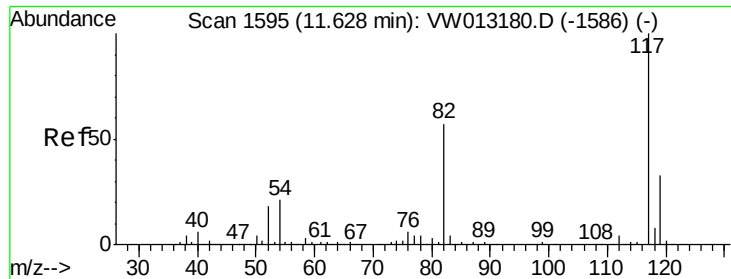
Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.4

176 87.5 0.0 172.2

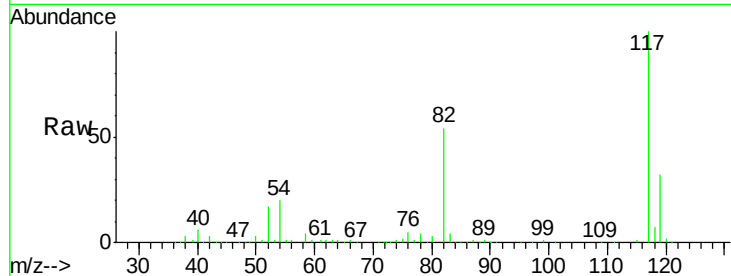




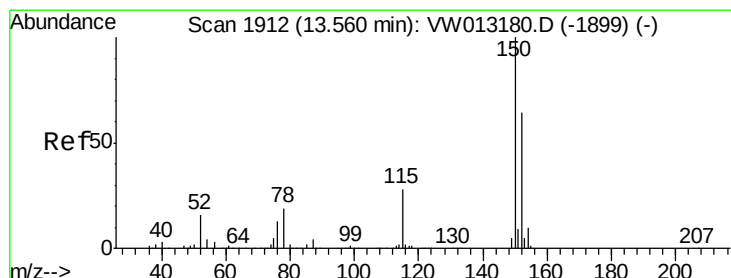
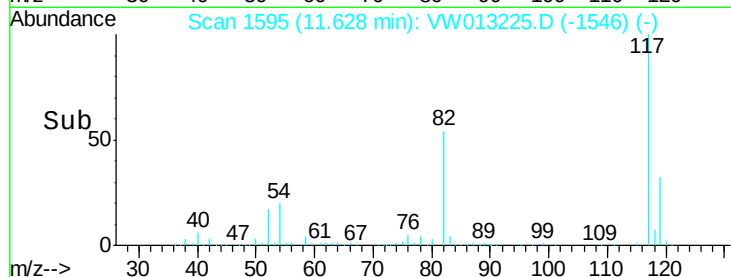
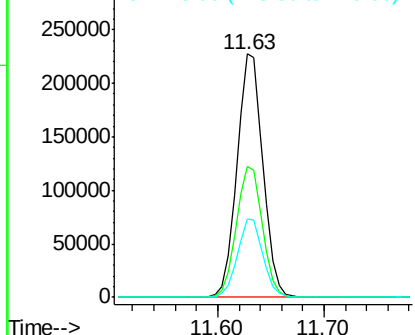
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013225.D
Acq: 23 Sep 2019 12:37

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-046-A

Tot Ion:117 Resp: 388415
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.2 26.2 39.2

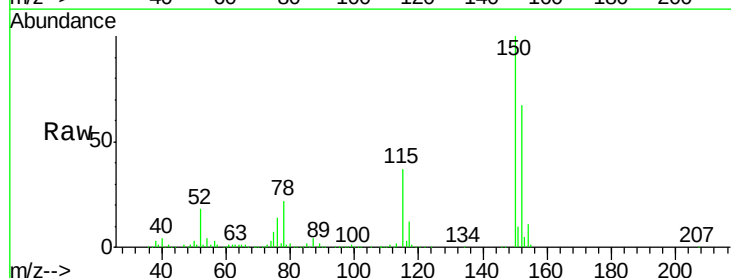


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013225.D
Acq: 23 Sep 2019 12:37

Tgt Ion:152 Resp: 144500
Ion Ratio Lower Upper
152 100
115 55.9 27.3 81.9
150 156.0 0.0 349.0



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

