

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013409.D
 Acq On : 03 Oct 2019 06:46
 Operator : SY/VA
 Sample : K5137-02
 Misc : 3.99G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-047-A

Quant Time: Oct 04 08:40:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	359737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	537138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	168092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148004	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
35) Dibromofluoromethane	7.88	113	150080	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.32	98	608437	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.62	95	178165	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	

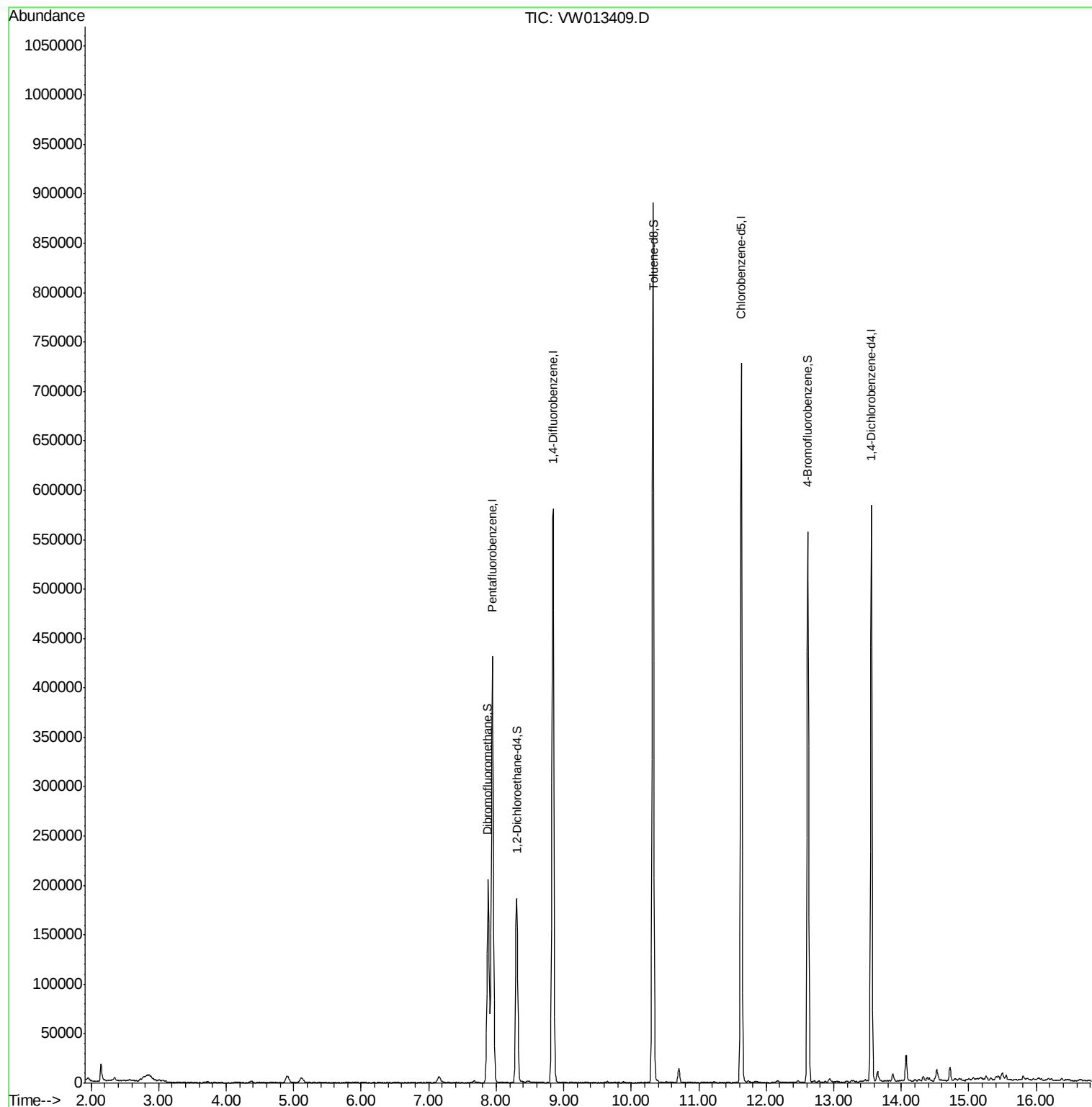
Target Compounds	Qvalue

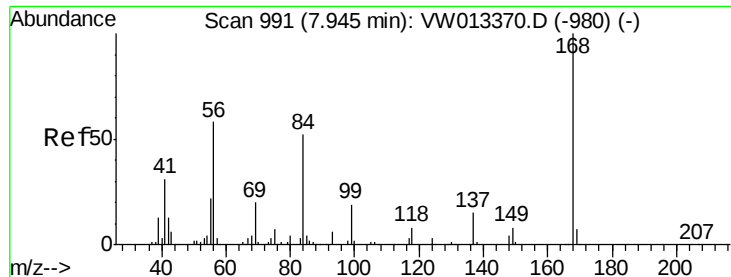
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013409.D

Acq: 03 Oct 2019 06:46

Instrument :

MSVOA_W

ClientSampleId :

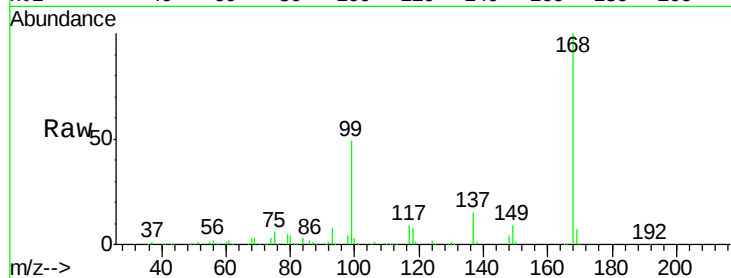
FK-GF-02-047-A

Tot Ion:168 Resp: 359737

Ion Ratio Lower Upper

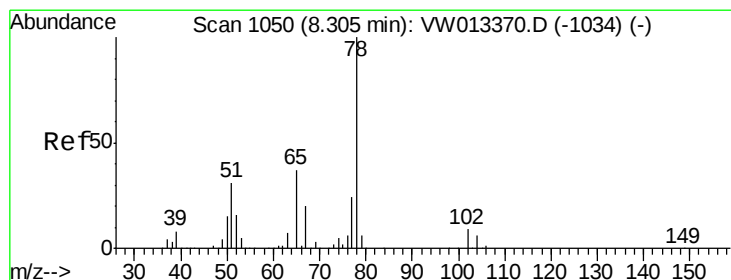
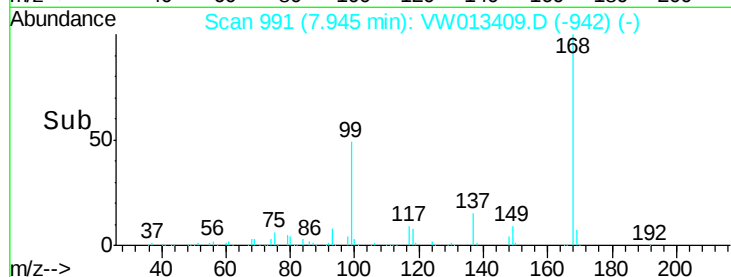
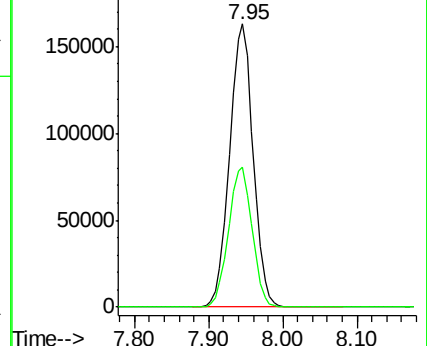
168 100

99 49.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 55.101 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013409.D

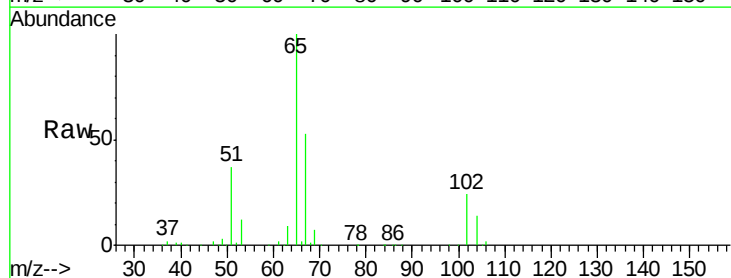
Acq: 03 Oct 2019 06:46

Tgt Ion: 65 Resp: 148004

Ion Ratio Lower Upper

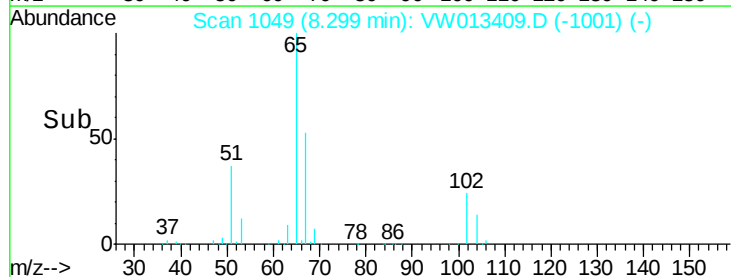
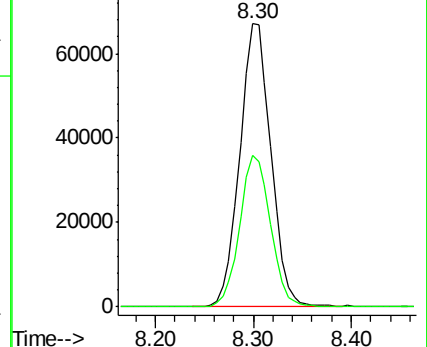
65 100

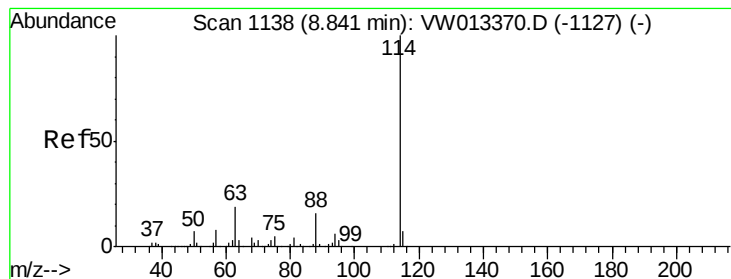
67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013409.D

Acq: 03 Oct 2019 06:46

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-047-A

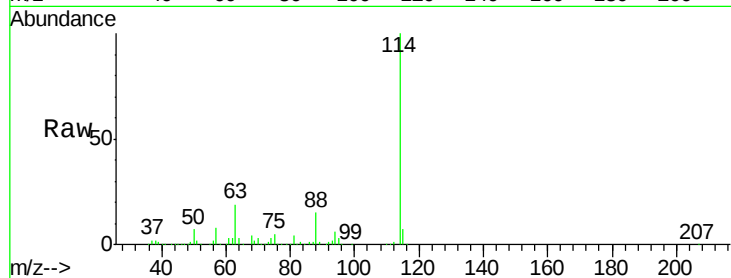
Tot Ion:114 Resp: 537138

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

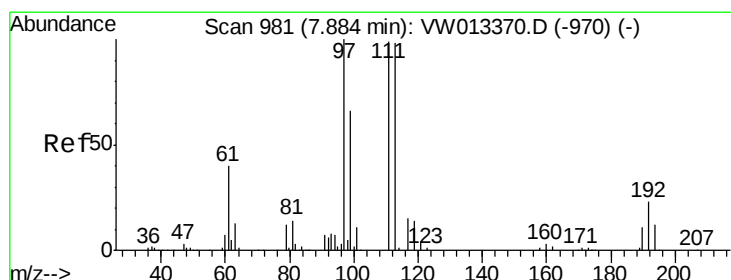
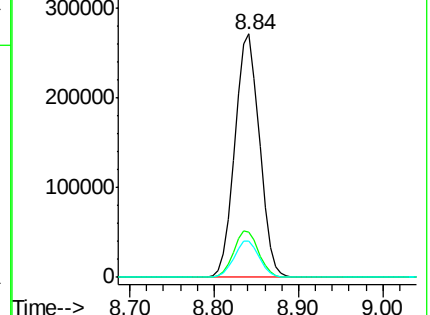
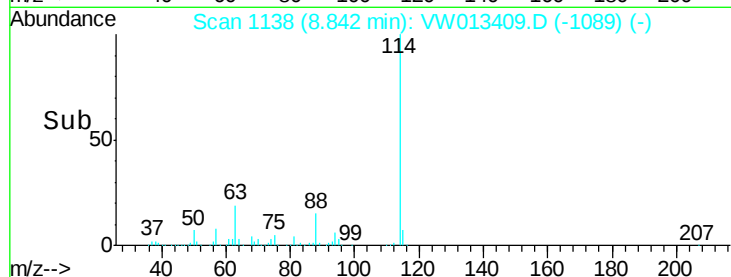
88 14.6 0.0 32.0



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: 53.248 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013409.D

Acq: 03 Oct 2019 06:46

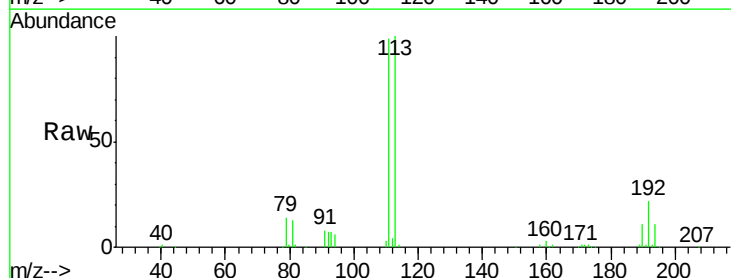
Tgt Ion:113 Resp: 150080

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

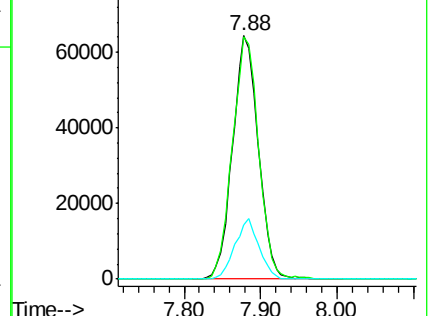
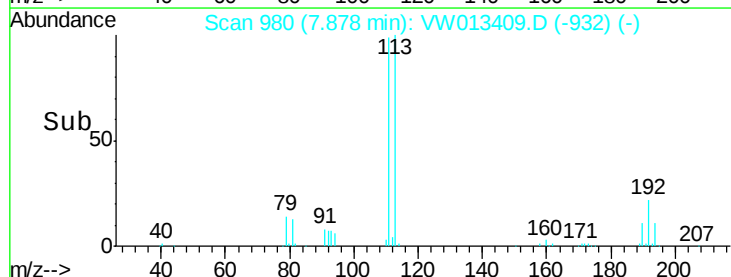
192 23.2 19.1 28.7

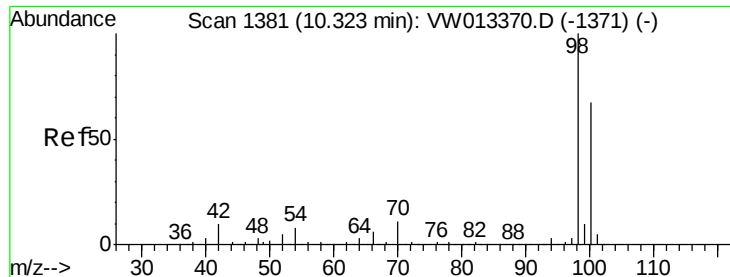


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.020 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013409.D

Acq: 03 Oct 2019 06:46

Instrument :

MSVOA_W

ClientSampleId :

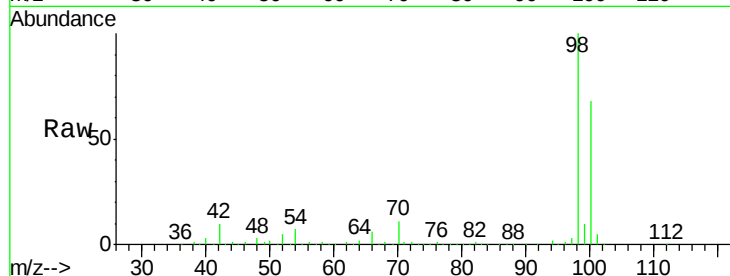
FK-GF-02-047-A

Tot Ion: 98 Resp: 608437

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

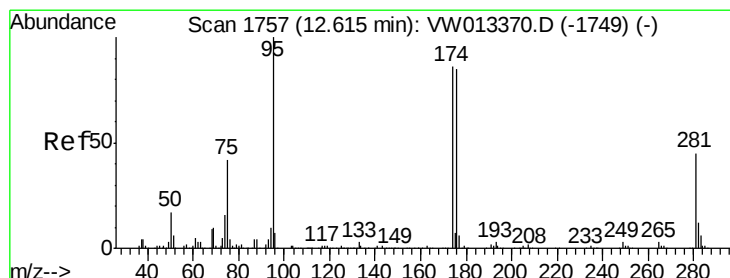
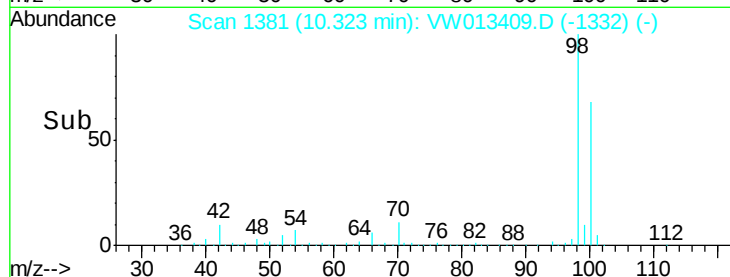
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.616 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013409.D

Acq: 03 Oct 2019 06:46

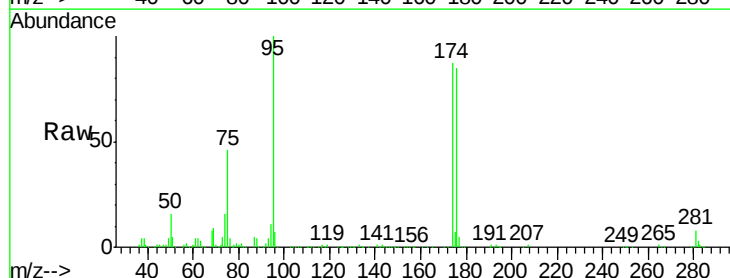
Tgt Ion: 95 Resp: 178165

Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.4

176 88.1 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

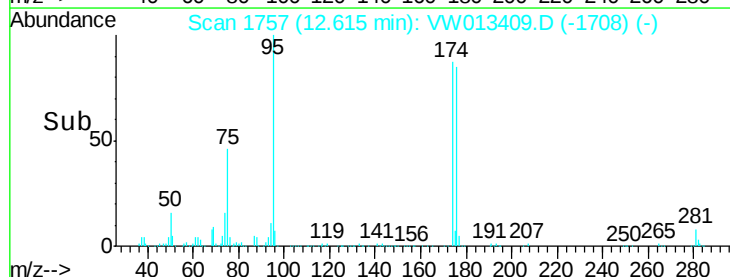
150000

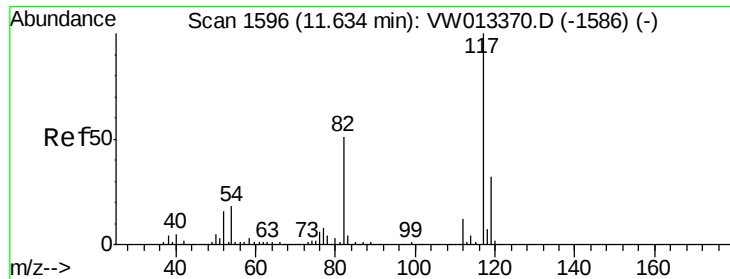
100000

50000

0

Time-->

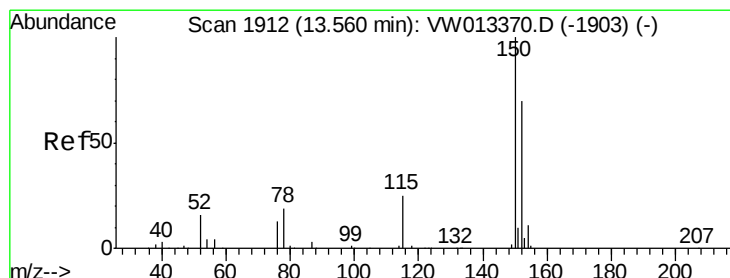
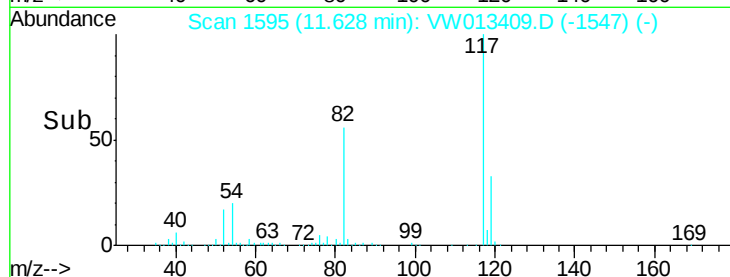
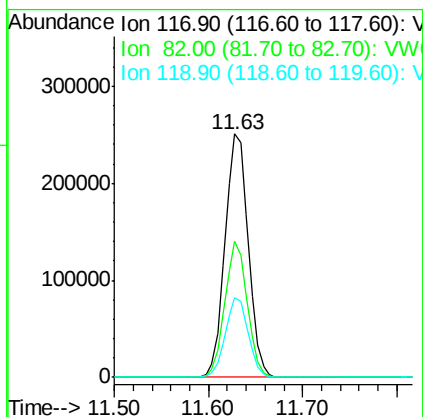
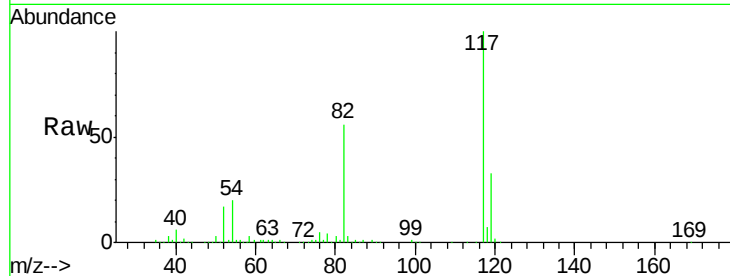




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013409.D
Acq: 03 Oct 2019 06:46

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-047-A

Tot Ion:117 Resp: 428769
Ion Ratio Lower Upper
117 100
82 55.9 45.9 68.9
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013409.D
Acq: 03 Oct 2019 06:46

Tgt Ion:152 Resp: 168092
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 156.6 0.0 349.0

