

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013214.D
 Acq On : 21 Sep 2019 05:39
 Operator : SY/VA
 Sample : K4972-02
 Misc : 4.65G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Sep 21 06:31:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

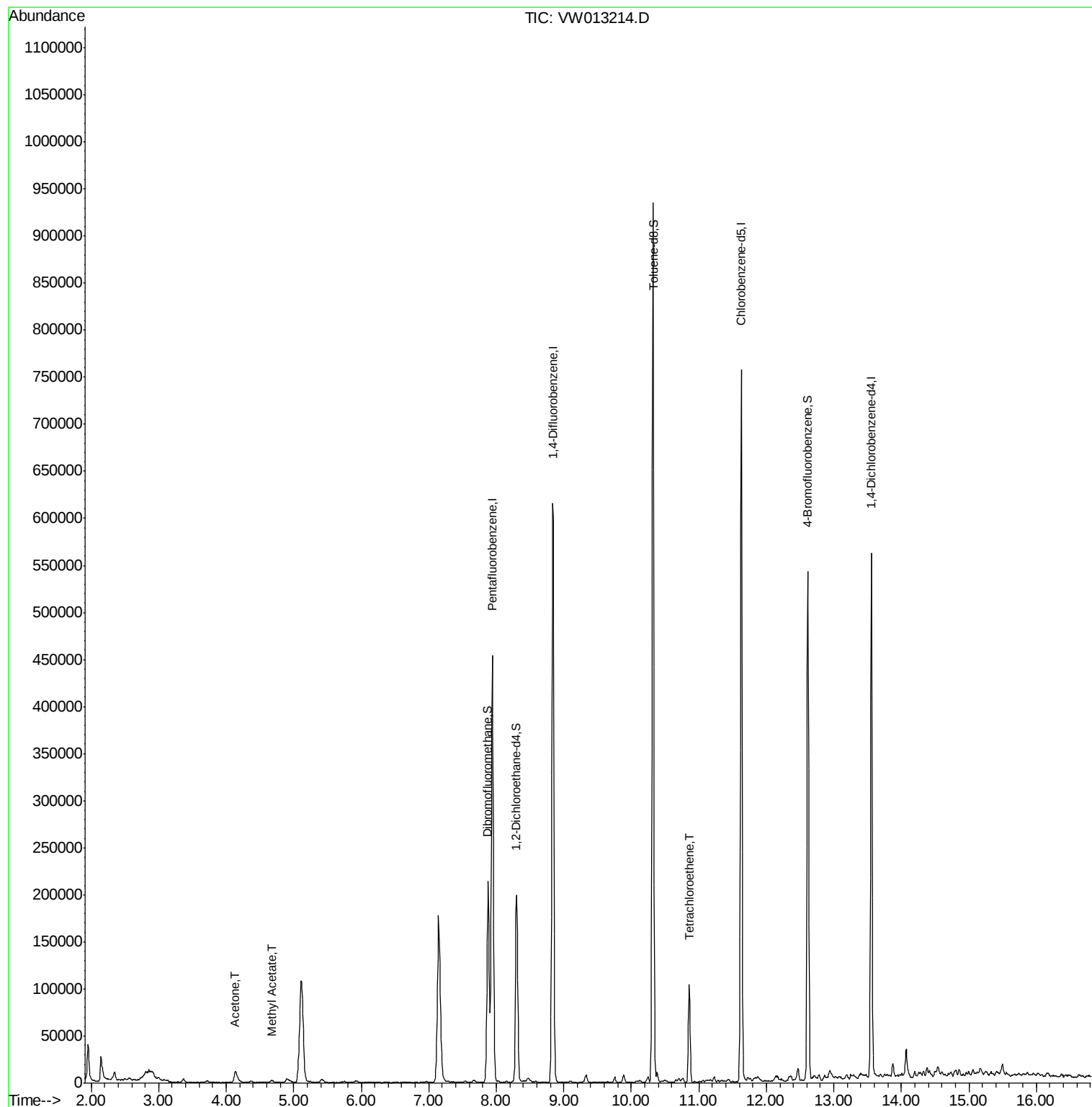
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	377174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	554513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	159236	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	7.88	113	154969	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.32	98	630561	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	176338	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.88%	
Target Compounds						
16) Acetone	4.14	43	25223	36.334	ug/l	98
18) Methyl Acetate	4.68	43	4683	2.400	ug/l	98
64) Tetrachloroethene	10.86	164	25573	7.660	ug/l	94

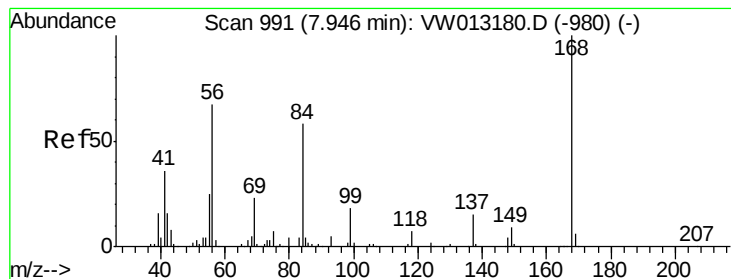
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
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QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013214.D

Acq: 21 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

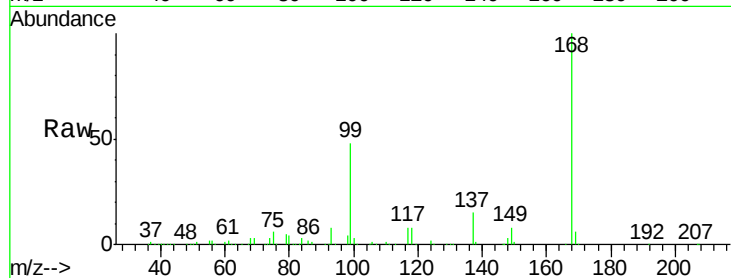
FK-GF-02-046-A

Tot Ion:168 Resp: 377174

Ion Ratio Lower Upper

168 100

99 48.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

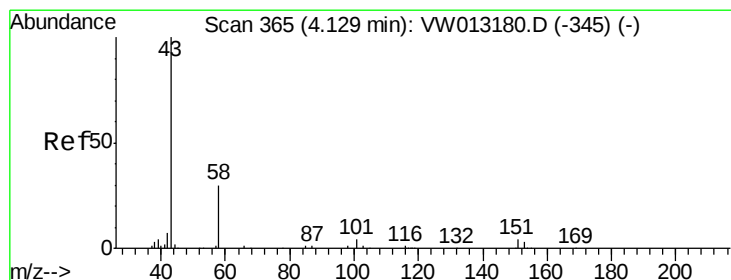
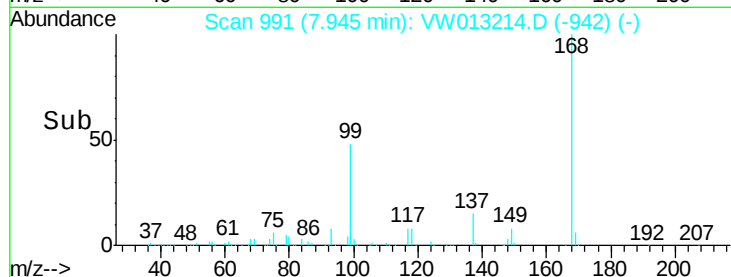
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 36.334 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013214.D

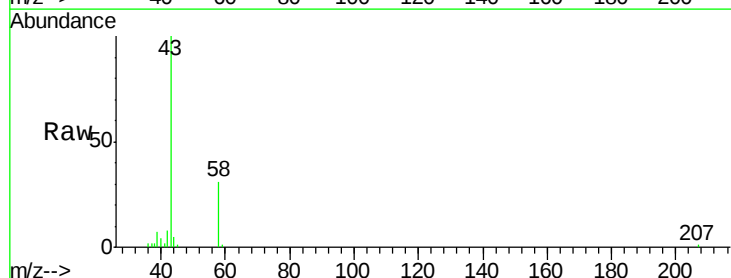
Acq: 21 Sep 2019 05:39

Tgt Ion: 43 Resp: 25223

Ion Ratio Lower Upper

43 100

58 31.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

6000

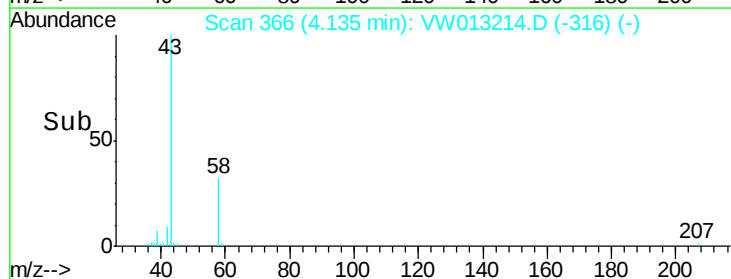
4000

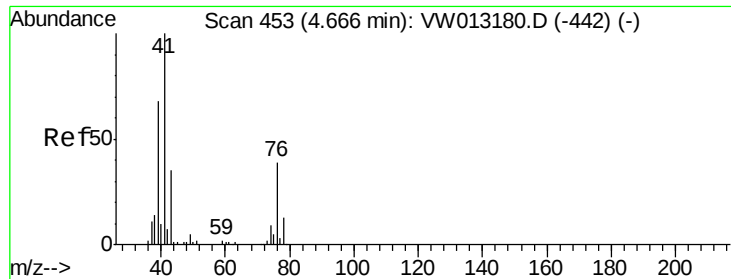
2000

0

4.00 4.10 4.20 4.30

Time-->

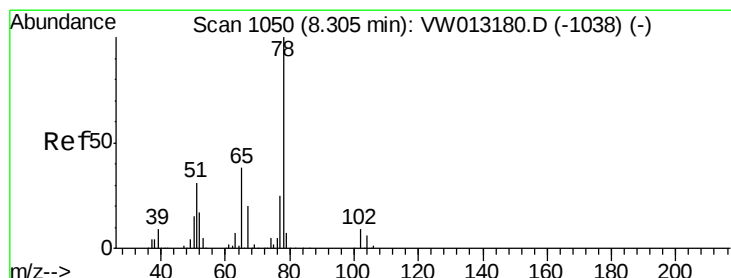
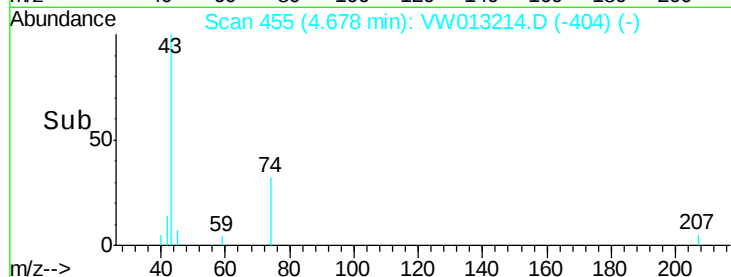
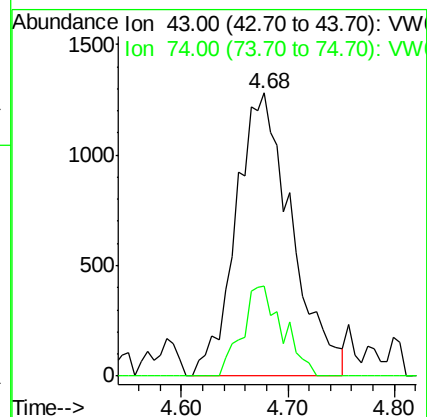
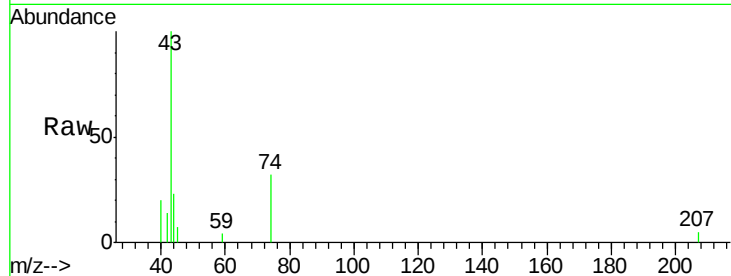




#18
Methvl Acetate
Concen: 2.400 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013214.D
Acq: 21 Sep 2019 05:39

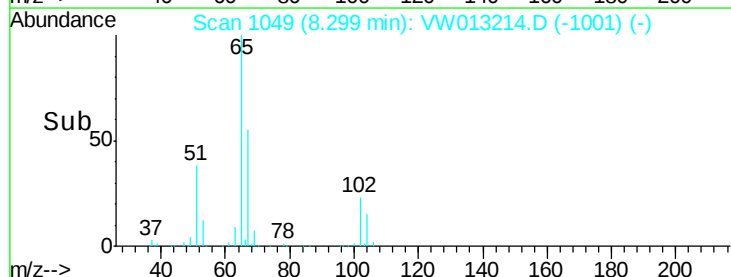
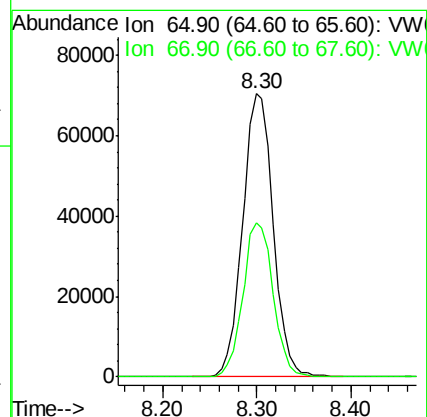
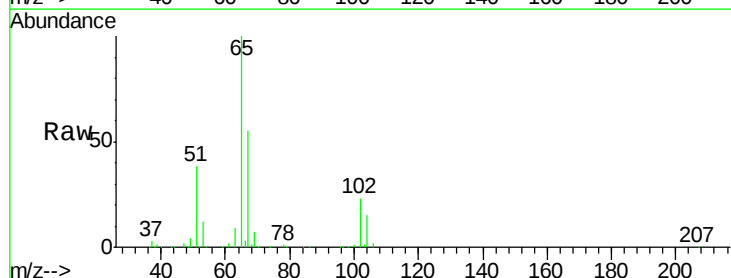
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-046-A

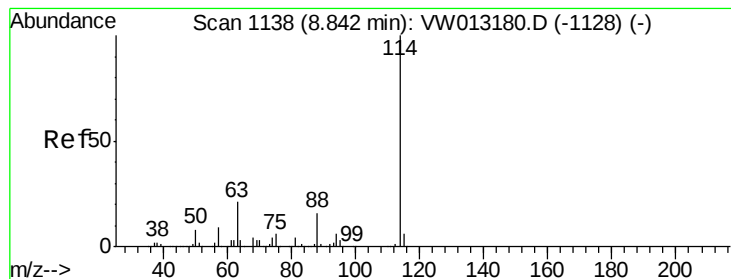
Tot Ion: 43 Resp: 4683
Ion Ratio Lower Upper
43 100
74 23.1 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 51.729 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013214.D
Acq: 21 Sep 2019 05:39

Tgt Ion: 65 Resp: 159236
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013214.D

Acq: 21 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-046-A

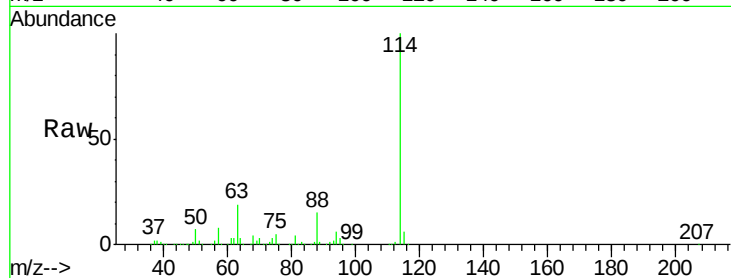
Tot Ion:114 Resp: 554513

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

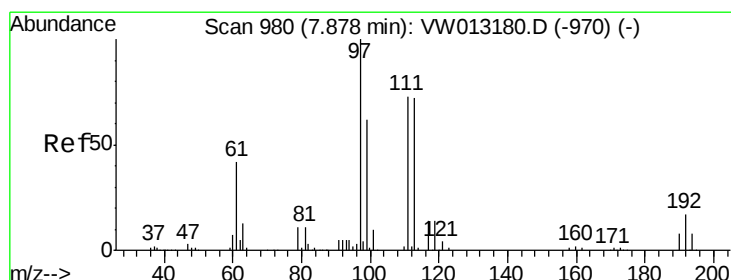
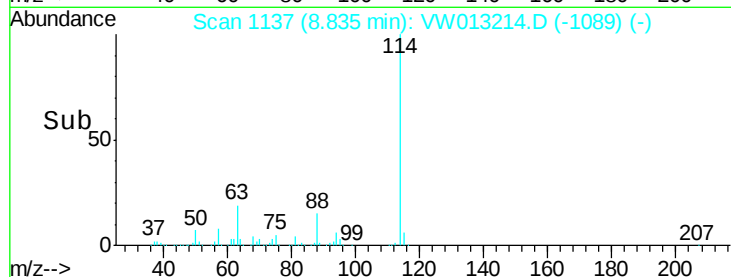
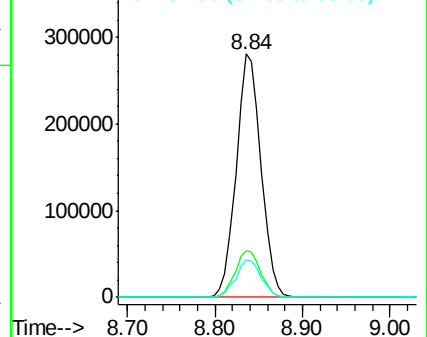
88 15.2 0.0 32.0



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: 50.812 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013214.D

Acq: 21 Sep 2019 05:39

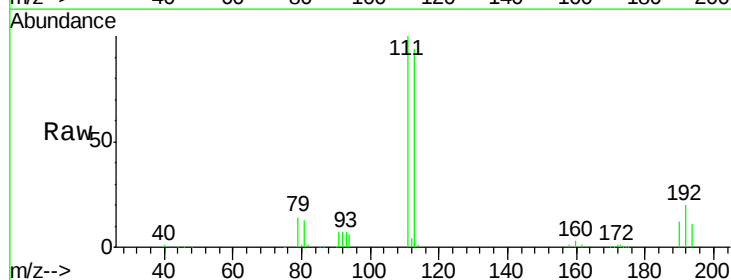
Tgt Ion:113 Resp: 154969

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

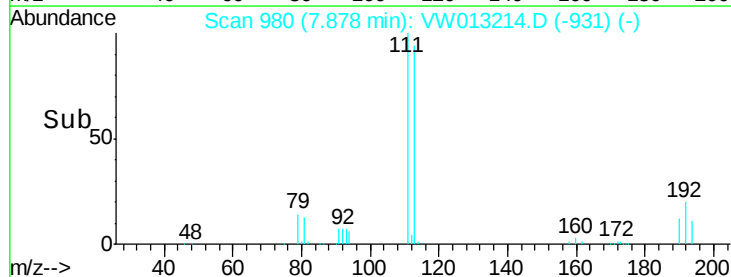
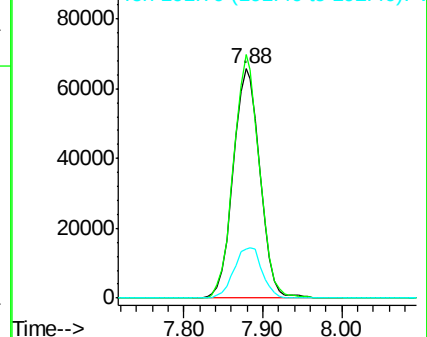
192 23.1 19.1 28.7

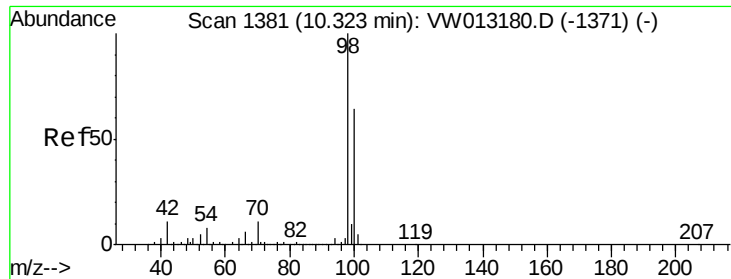


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.402 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013214.D

Acq: 21 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

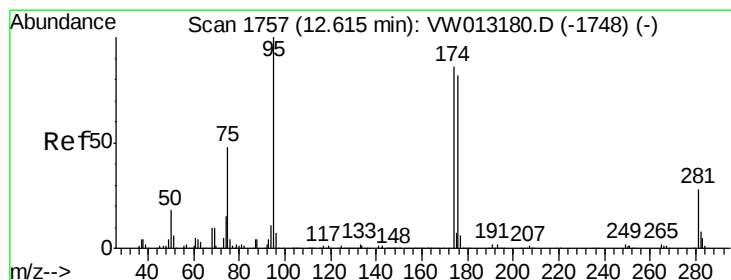
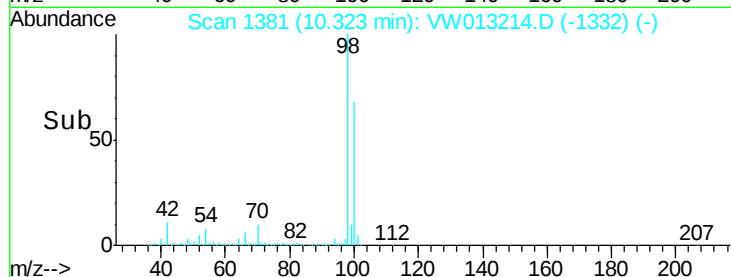
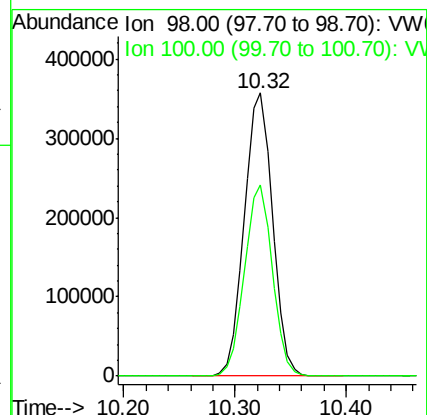
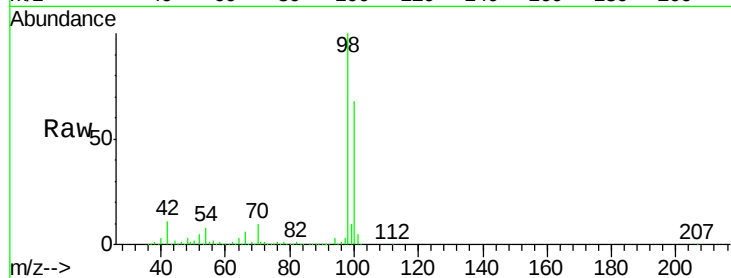
FK-GF-02-046-A

Tot Ion: 98 Resp: 630561

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 40.444 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013214.D

Acq: 21 Sep 2019 05:39

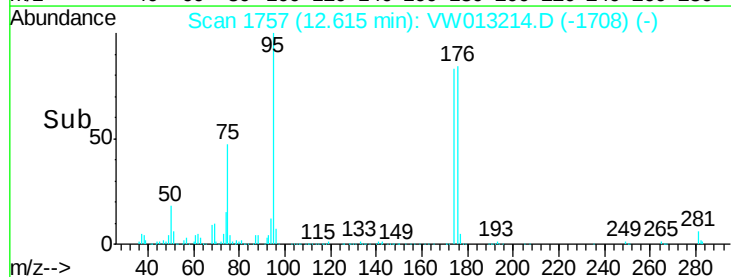
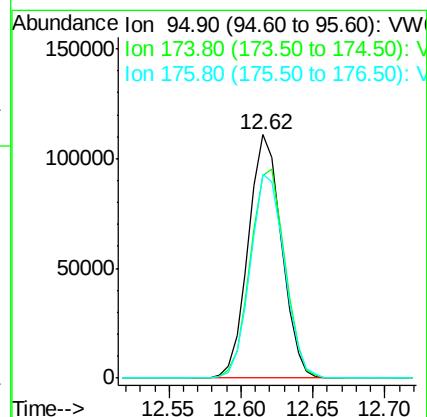
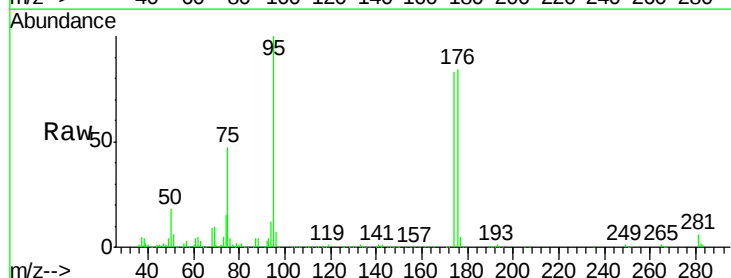
Tgt Ion: 95 Resp: 176338

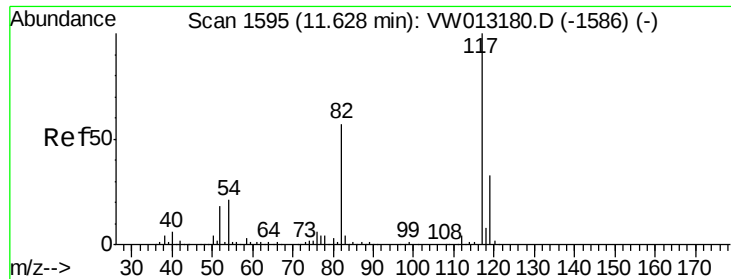
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.4

176 86.1 0.0 172.2

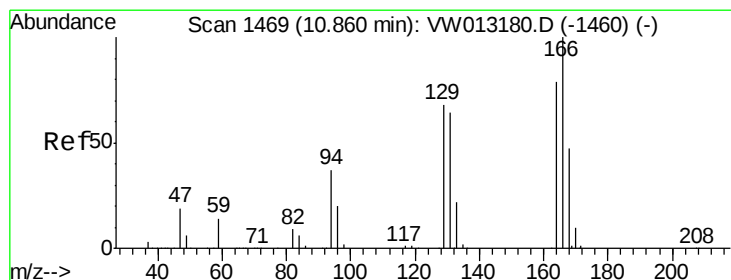
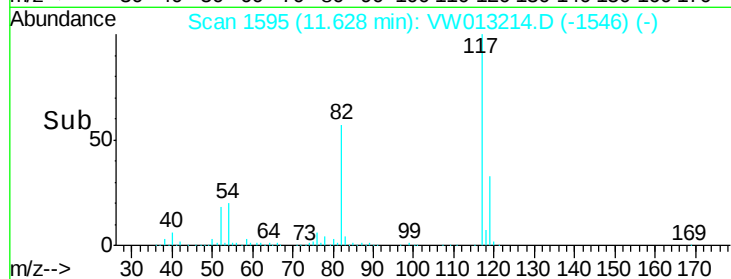
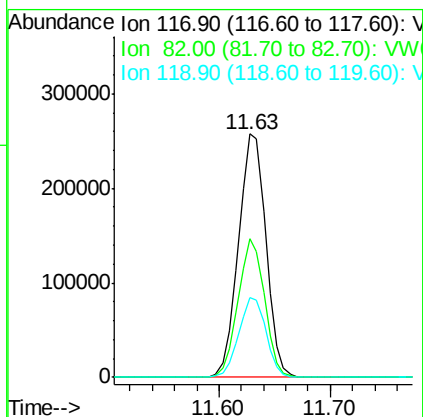
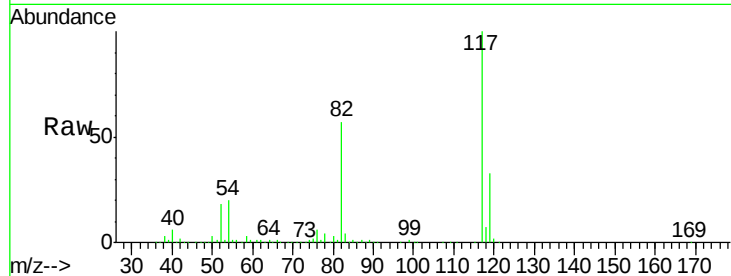




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013214.D
Acq: 21 Sep 2019 05:39

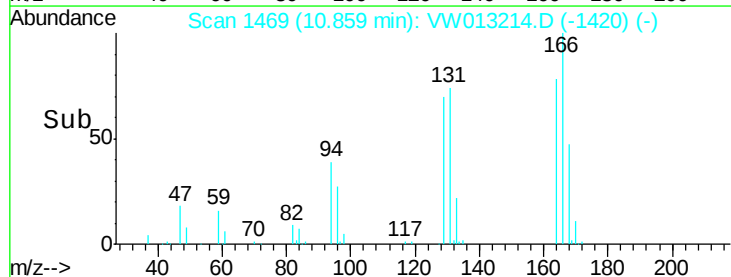
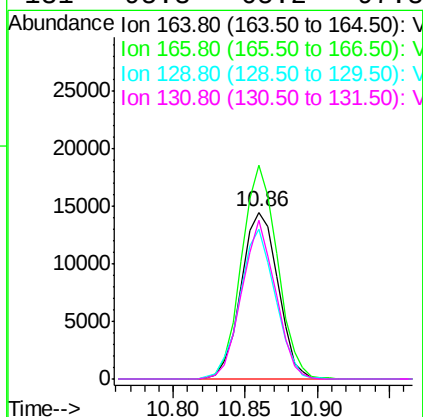
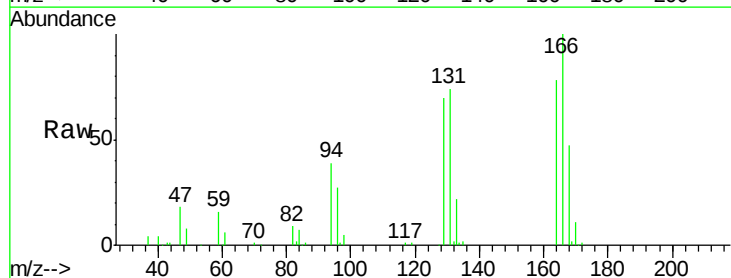
Instrument :
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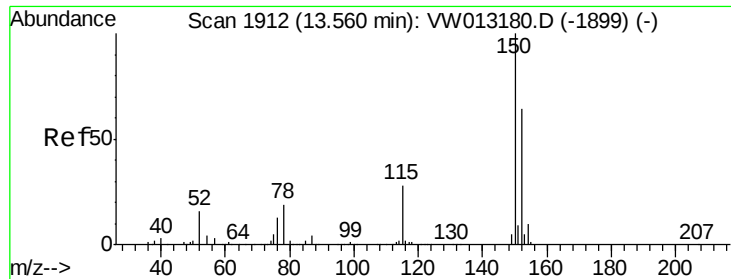
Tot Ion:117 Resp: 440015
Ion Ratio Lower Upper
117 100
82 56.8 45.9 68.9
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 7.660 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013214.D
Acq: 21 Sep 2019 05:39

Tgt Ion:164 Resp: 25573
Ion Ratio Lower Upper
164 100
166 128.2 101.2 151.8
129 90.0 68.8 103.2
131 95.3 65.2 97.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013214.D

Acq: 21 Sep 2019 05:39

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-046-A

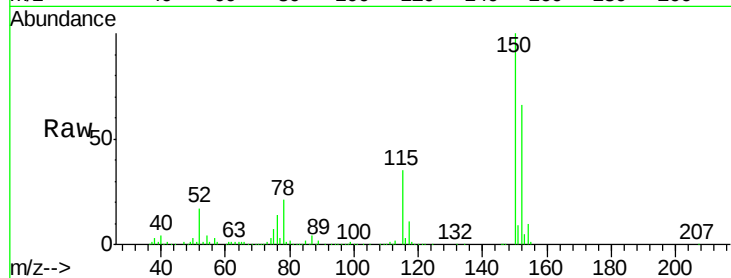
Tot Ion:152 Resp: 159456

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.9

150 154.9 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

