

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061591.D
 Acq On : 11 Feb 2019 17:39
 Operator : VA/AP
 Sample : K1459-03
 Misc : 5.61g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-10-S

Quant Time: Feb 12 04:49:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

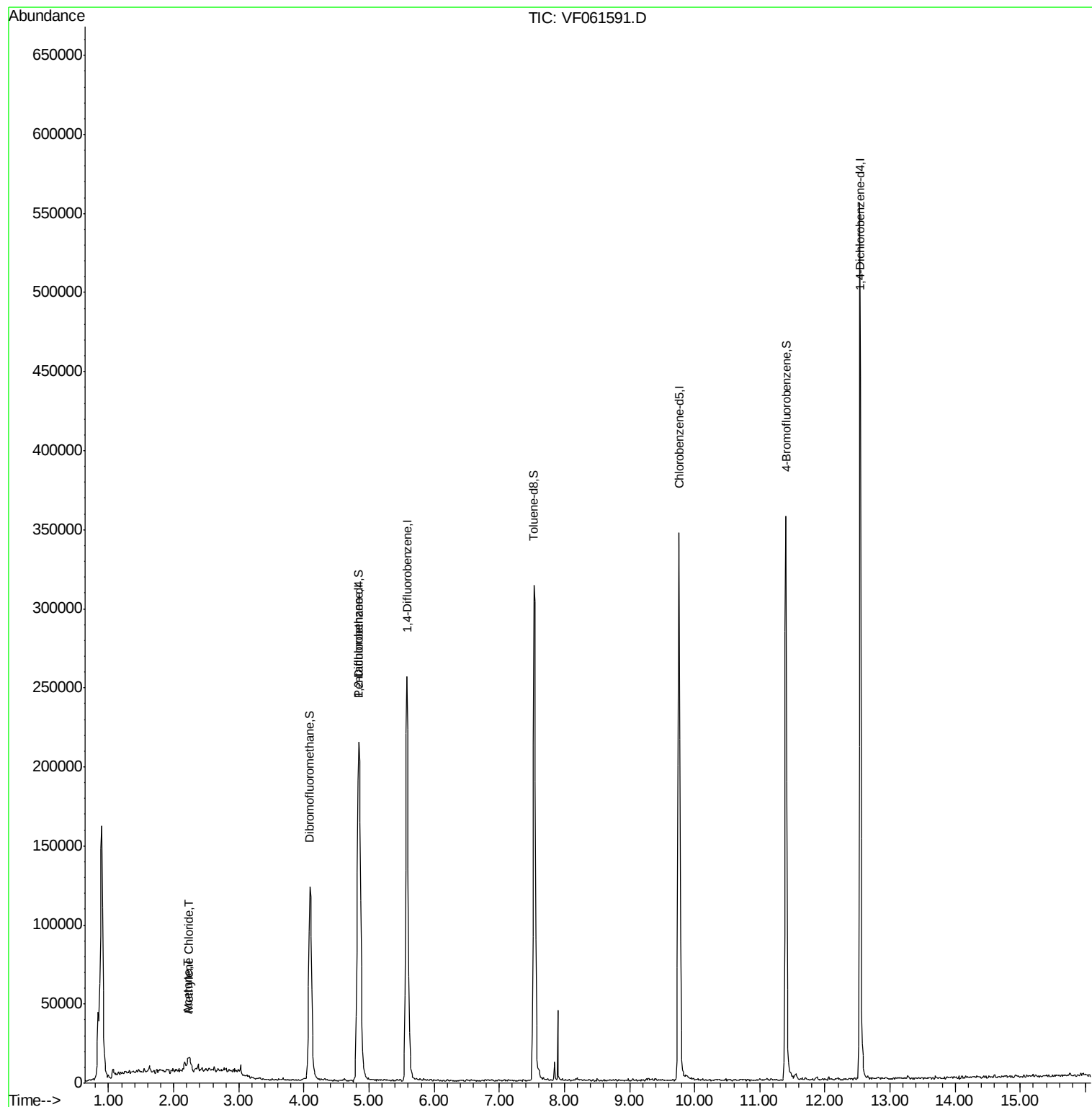
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	154115	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	281411	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	252872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	136336	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	103647	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
35) Dibromofluoromethane	4.09	113	116444	52.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	7.53	98	269600	44.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.62%	
62) 4-Bromofluorobenzene	11.40	95	135613	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
16) Acetone	2.22	43	11059m	28.972	ug/l	Qvalue
20) Methylene Chloride	2.23	84	4981m	2.163	ug/l	

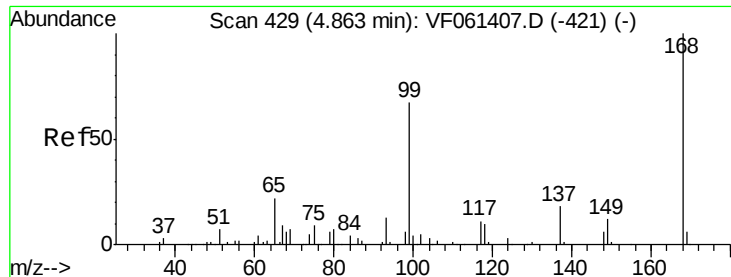
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061591.D

Acq: 11 Feb 2019 17:39

Instrument :

MSVOA_F

ClientSampleId :

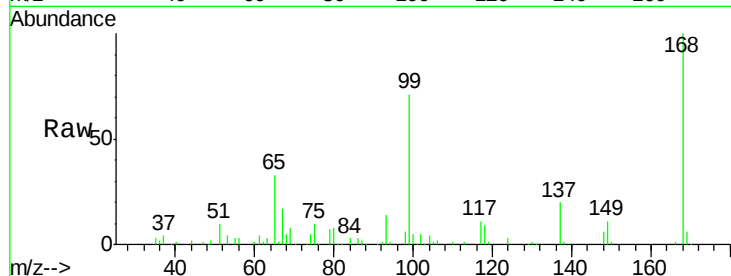
M-10-S

Tot Ion:168 Resp: 154115

Ion Ratio Lower Upper

168 100

99 71.1 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

50000

40000

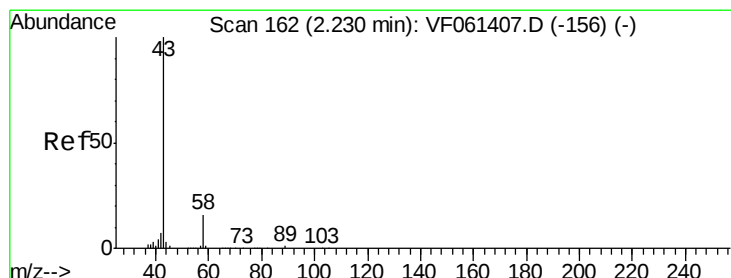
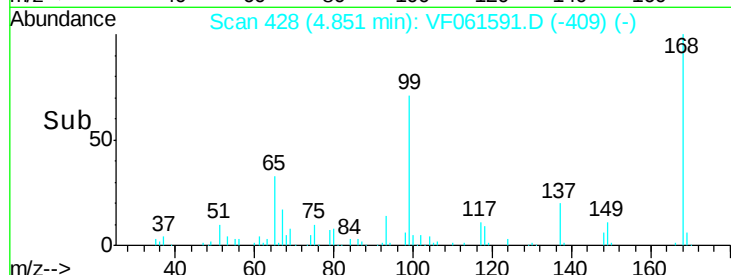
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 28.972 ug/l m

RT: 2.22 min Scan# 161

Delta R.T. -0.01 min

Lab File: VF061591.D

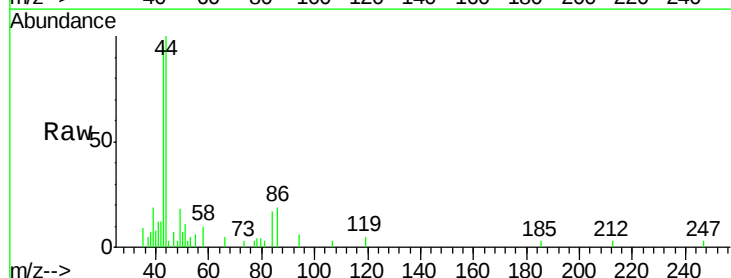
Acq: 11 Feb 2019 17:39

Tgt Ion: 43 Resp: 11059

Ion Ratio Lower Upper

43 100

58 10.9 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

4000

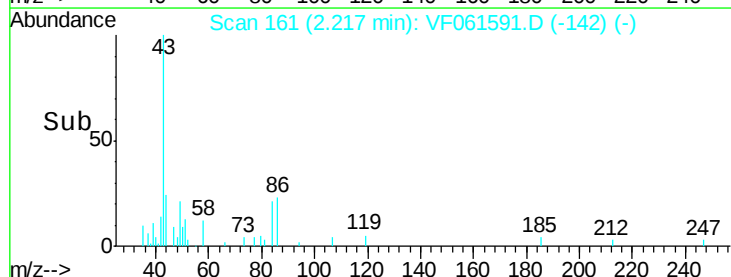
3000

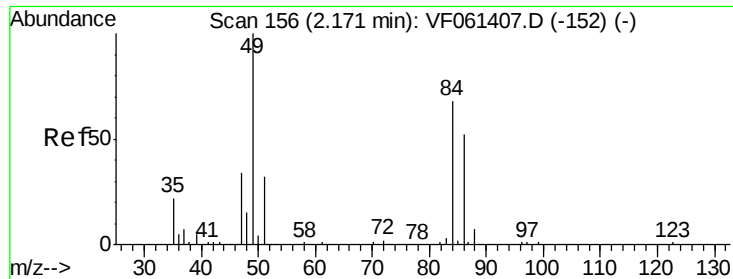
2000

1000

0

Time-->

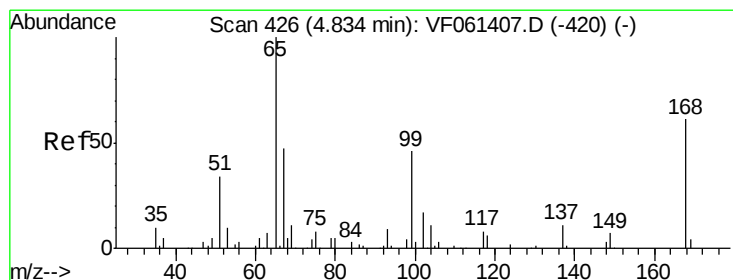
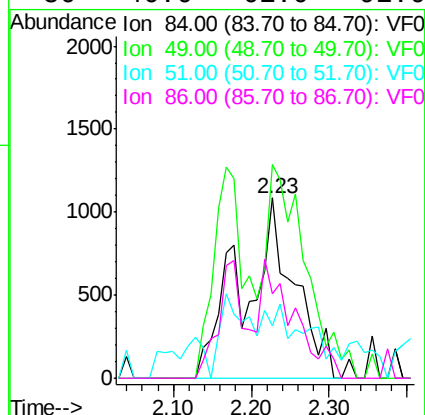
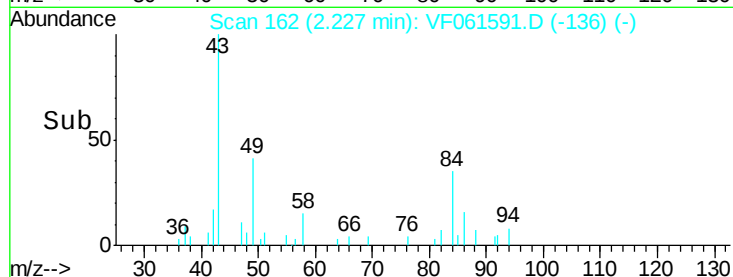
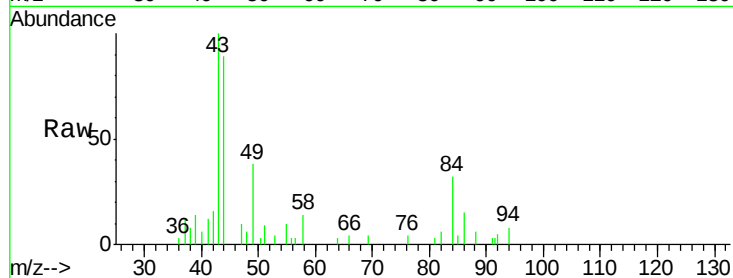




#20
Methylene Chloride
Concen: 2.163 ug/l m
RT: 2.23 min Scan# 162
Delta R.T. 0.06 min
Lab File: VF061591.D
Acq: 11 Feb 2019 17:39

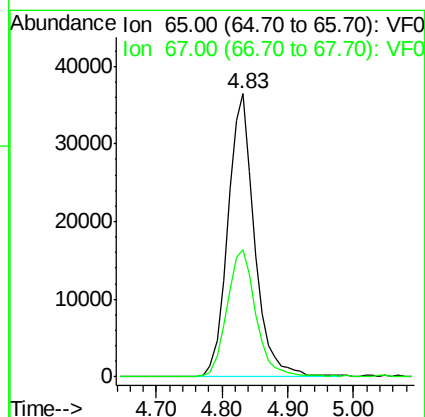
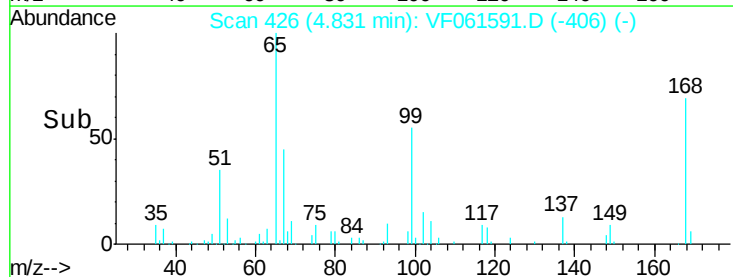
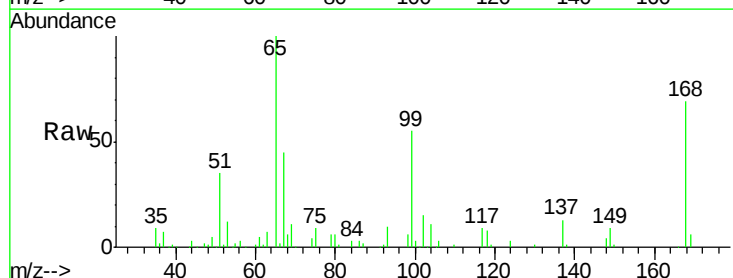
Instrument :
MSVOA_F
ClientSampleId :
M-10-S

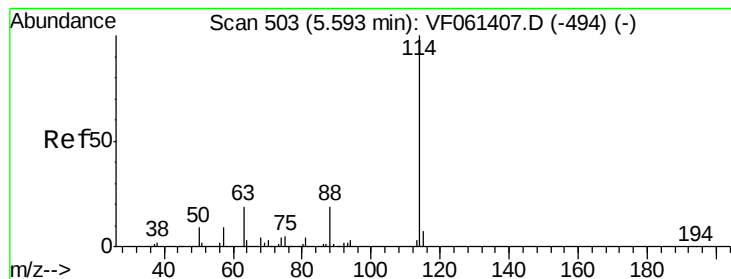
Tot Ion: 84 Resp: 4981
Ion Ratio Lower Upper
84 100
49 118.4 120.0 180.0#
51 28.9 38.6 58.0#
86 46.6 61.0 91.6#



#33
1,2-Dichloroethane-d4
Concen: 54.472 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.00 min
Lab File: VF061591.D
Acq: 11 Feb 2019 17:39

Tgt Ion: 65 Resp: 103647
Ion Ratio Lower Upper
65 100
67 44.8 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061591.D

Acq: 11 Feb 2019 17:39

Instrument :

MSVOA_F

ClientSampled :

M-10-S

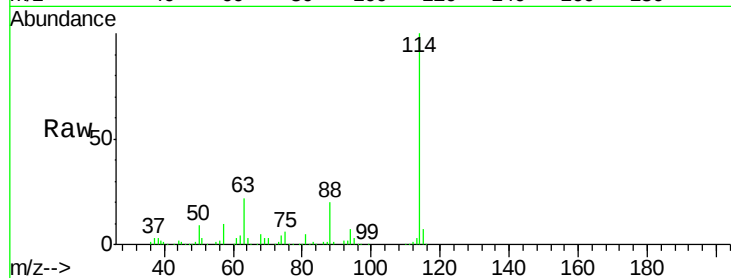
Tot Ion:114 Resp: 281411

Ion Ratio Lower Upper

114 100

63 22.0 0.0 39.0

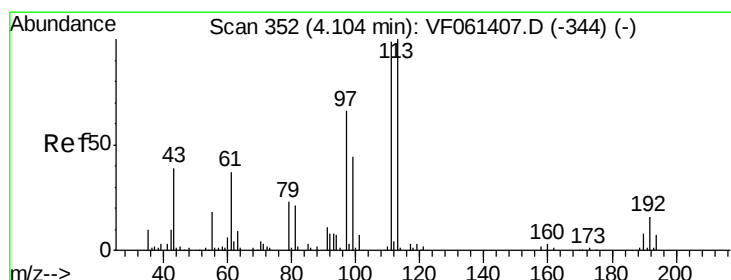
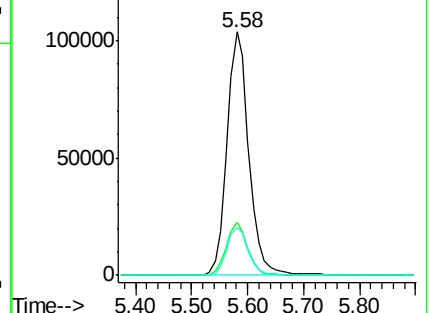
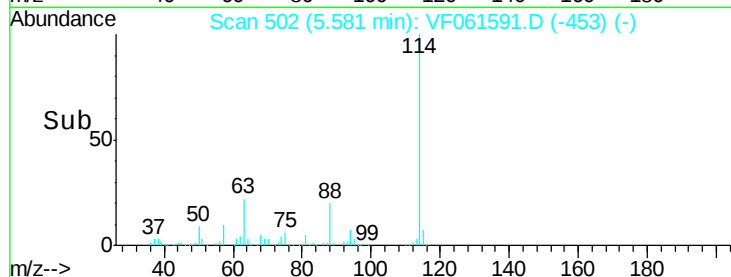
88 19.7 0.0 37.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 52.439 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061591.D

Acq: 11 Feb 2019 17:39

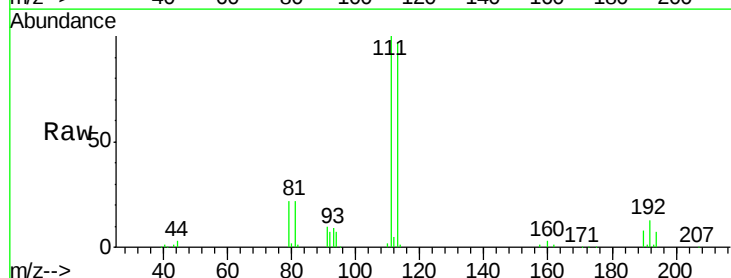
Tgt Ion:113 Resp: 116444

Ion Ratio Lower Upper

113 100

111 103.5 79.4 119.0

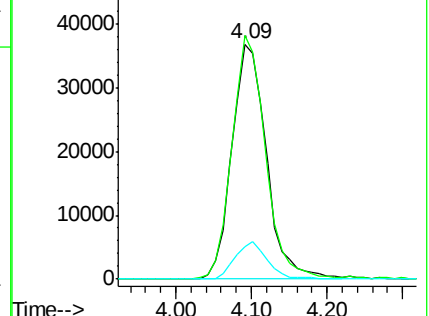
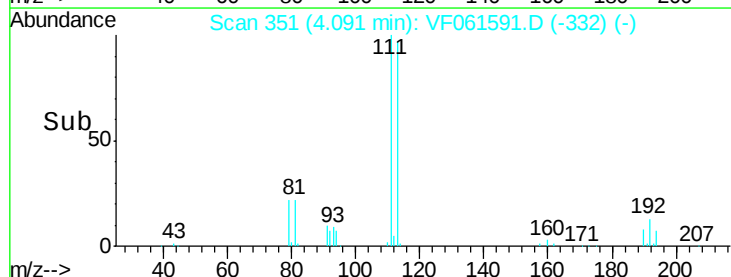
192 13.6 12.4 18.6

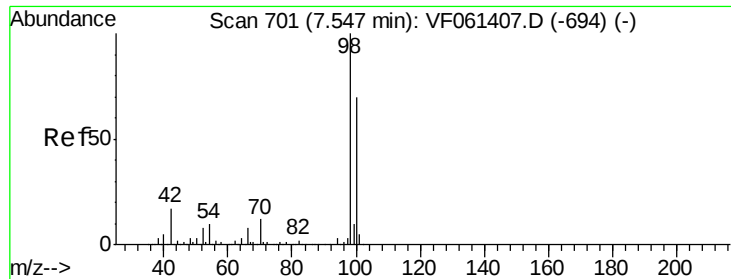


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.313 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061591.D

Acq: 11 Feb 2019 17:39

Instrument :

MSVOA_F

ClientSampleId :

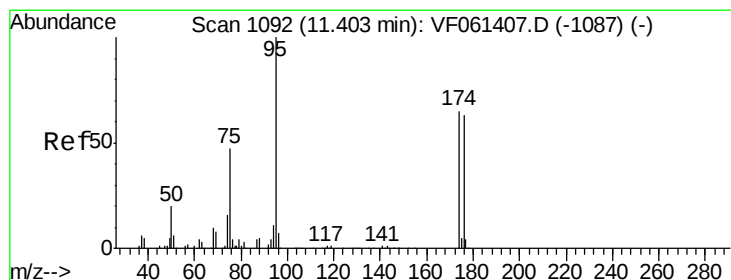
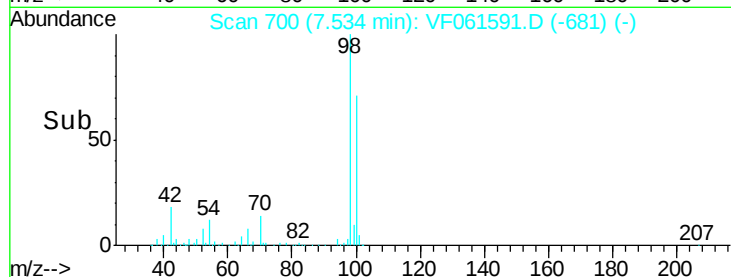
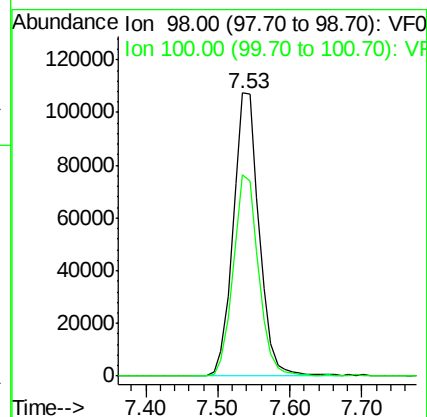
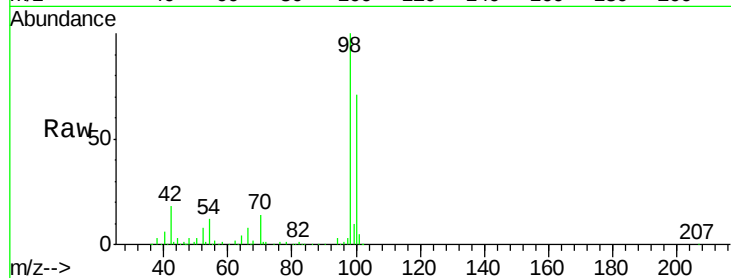
M-10-S

Tot Ion: 98 Resp: 269600

Ion Ratio Lower Upper

98 100

100 71.0 55.6 83.4



#62

4-Bromofluorobenzene

Concen: 47.707 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061591.D

Acq: 11 Feb 2019 17:39

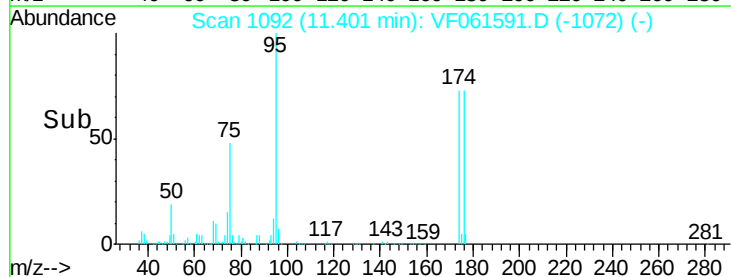
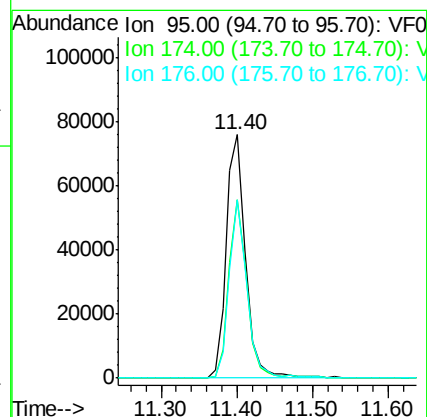
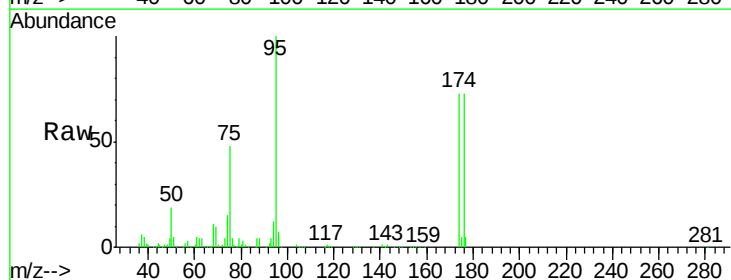
Tgt Ion: 95 Resp: 135613

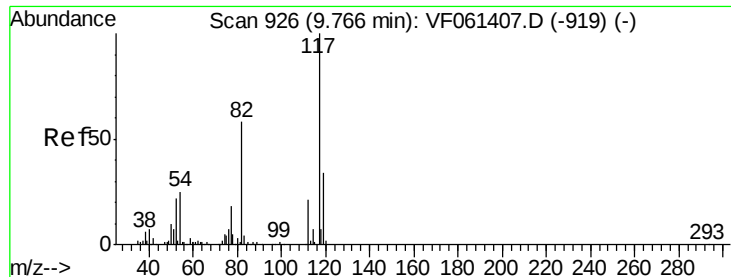
Ion Ratio Lower Upper

95 100

174 73.5 0.0 130.4

176 73.4 0.0 126.2

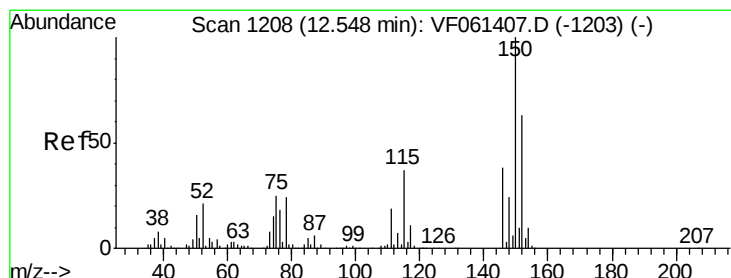
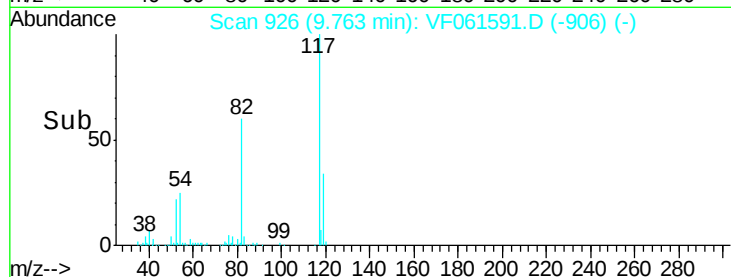
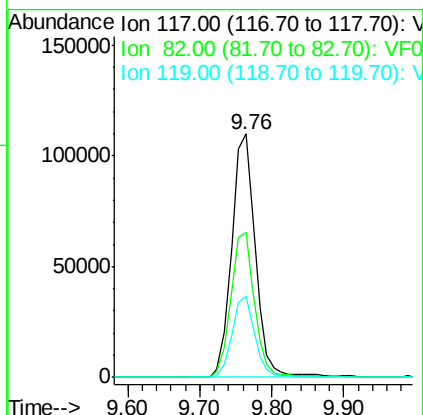
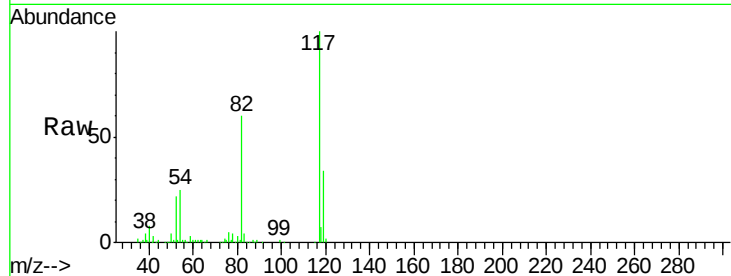




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061591.D
Acq: 11 Feb 2019 17:39

Instrument :
MSVOA_F
ClientSampleId :
M-10-S

Tot Ion:117 Resp: 252872
Ion Ratio Lower Upper
117 100
82 59.6 46.4 69.6
119 33.5 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061591.D
Acq: 11 Feb 2019 17:39

Tgt Ion:152 Resp: 136336
Ion Ratio Lower Upper
152 100
115 70.1 30.0 90.0
150 168.7 0.0 321.4

