

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061428.D
 Acq On : 16 Jan 2019 23:02
 Operator : VA/AP
 Sample : K1157-04
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-02-011519

Quant Time: Jan 17 03:33:22 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	4.86	168	220180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	400011	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	281413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	92510	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	125643	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
35) Dibromofluoromethane	4.10	113	145754	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
50) Toluene-d8	7.54	98	343846	39.76	ug/l	0.00
Spiked Amount			Recovery	=	79.52%	
62) 4-Bromofluorobenzene	11.40	95	125112	30.96	ug/l	0.00
Spiked Amount			Recovery	=	61.92%	

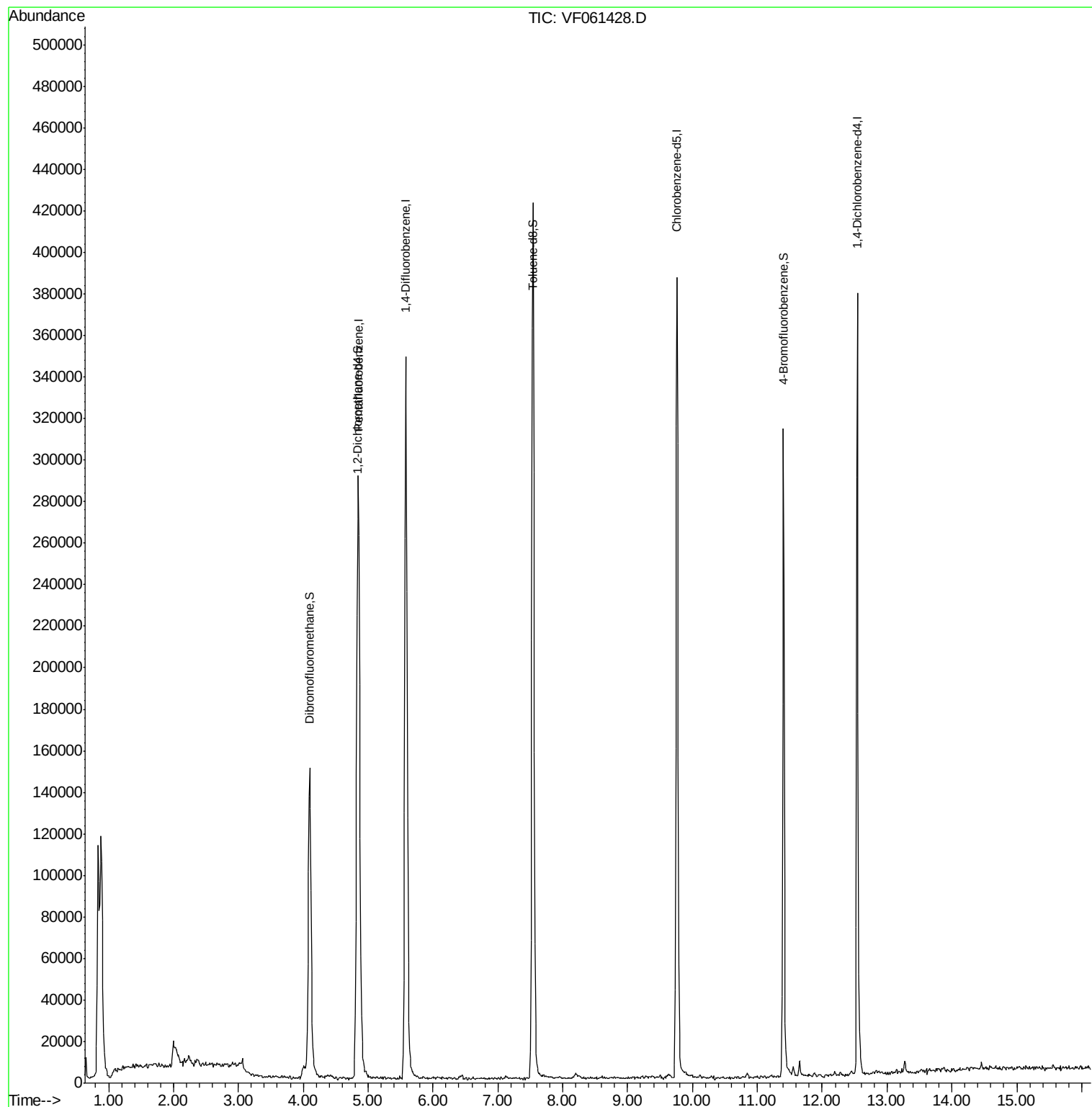
Target Compounds	Qvalue
------------------	--------

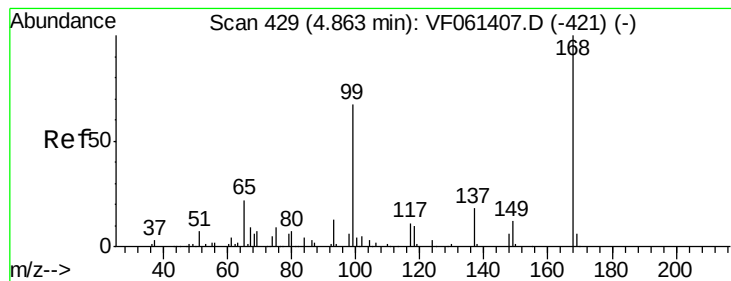
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011619\
Data File : VF061428.D
Acq On : 16 Jan 2019 23:02
Operator : VA/AP
Sample : K1157-04
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WC-02-011519

Quant Time: Jan 17 03:33:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061428.D

Acq: 16 Jan 2019 23:02

Instrument :

MSVOA_F

ClientSampleId :

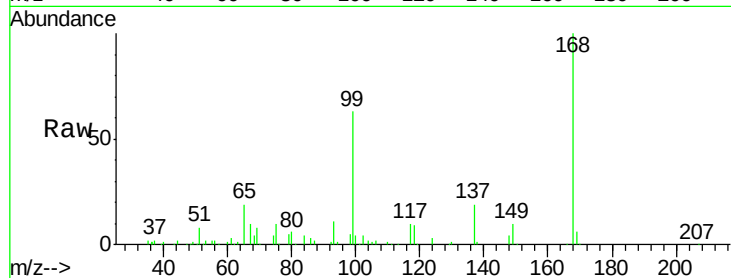
WC-02-011519

Tot Ion:168 Resp: 220180

Ion Ratio Lower Upper

168 100

99 63.3 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

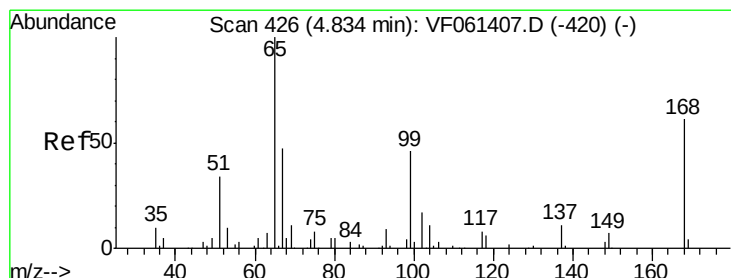
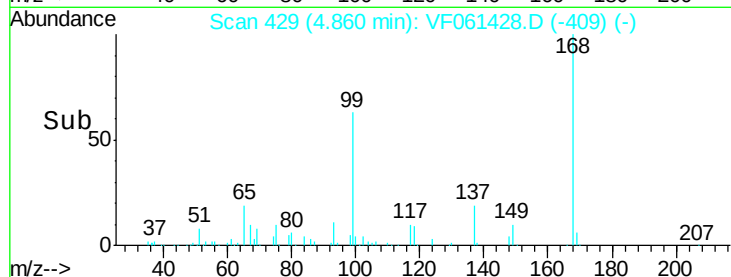
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.219 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061428.D

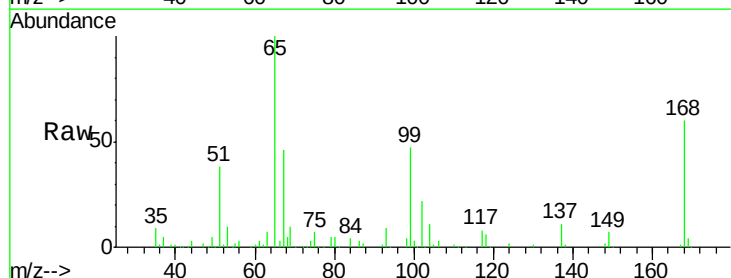
Acq: 16 Jan 2019 23:02

Tgt Ion: 65 Resp: 125643

Ion Ratio Lower Upper

65 100

67 46.2 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

50000

40000

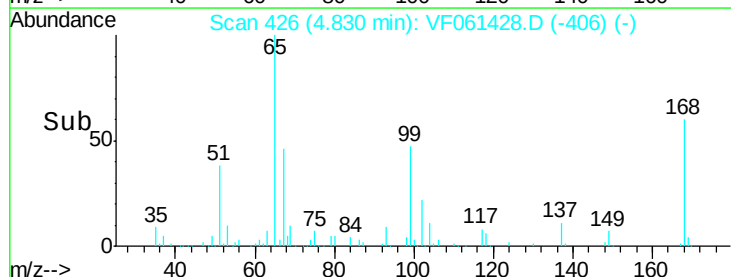
30000

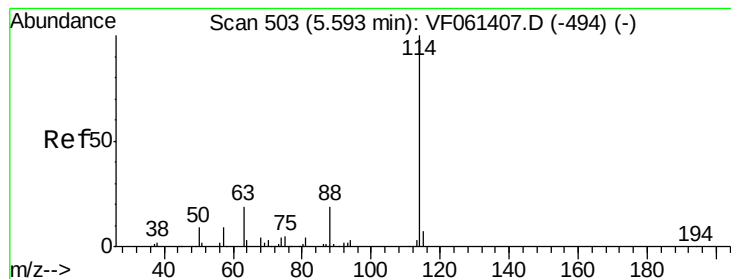
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061428.D

Acq: 16 Jan 2019 23:02

Instrument :

MSVOA_F

ClientSampleId :

WC-02-011519

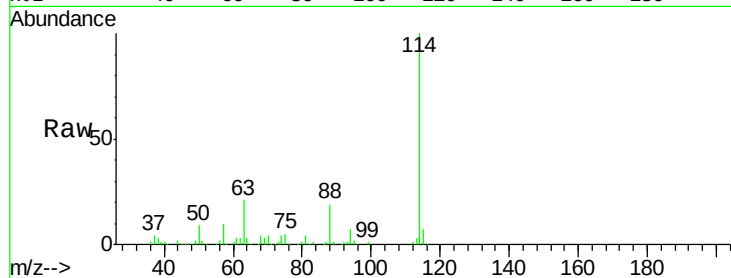
Tot Ion:114 Resp: 400011

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

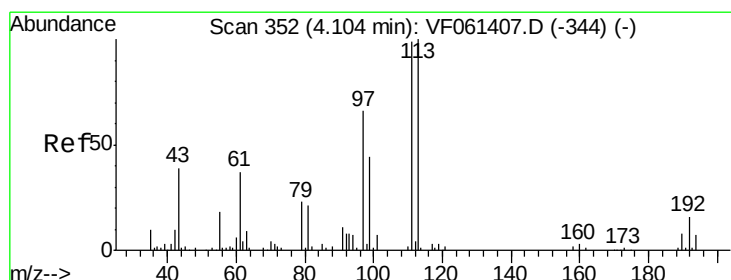
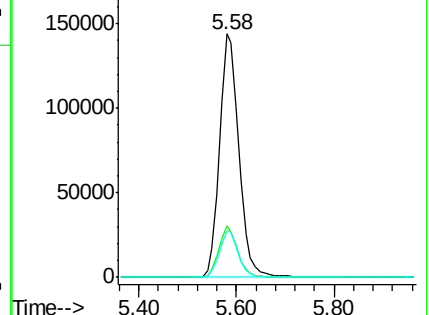
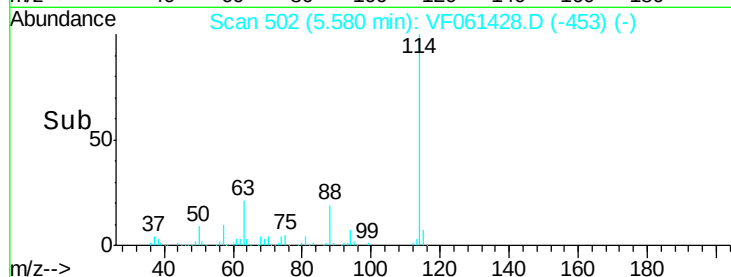
88 19.1 0.0 37.4



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: 46.177 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF061428.D

Acq: 16 Jan 2019 23:02

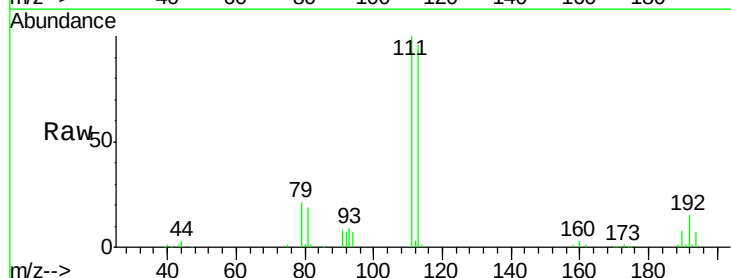
Tgt Ion:113 Resp: 145754

Ion Ratio Lower Upper

113 100

111 103.7 79.4 119.0

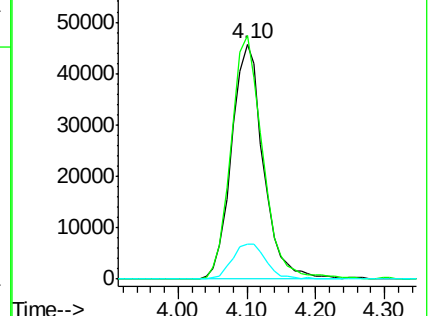
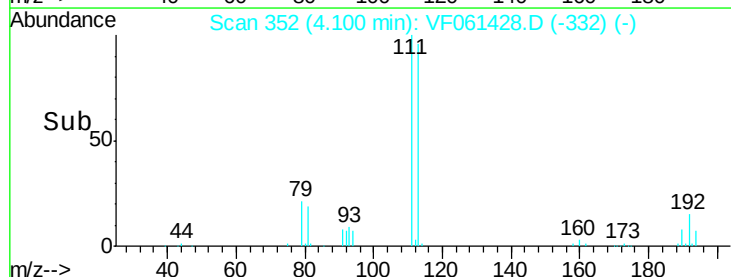
192 15.1 12.4 18.6

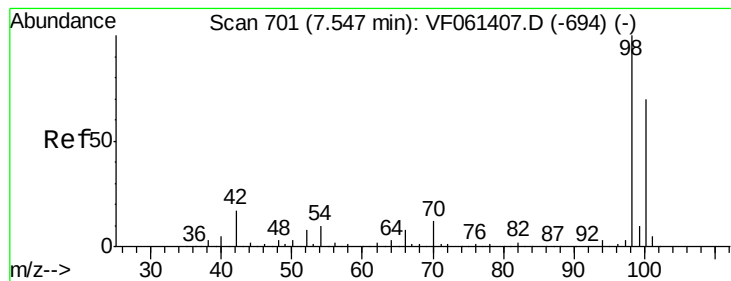


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.760 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061428.D

Acq: 16 Jan 2019 23:02

Instrument :

MSVOA_F

ClientSampleId :

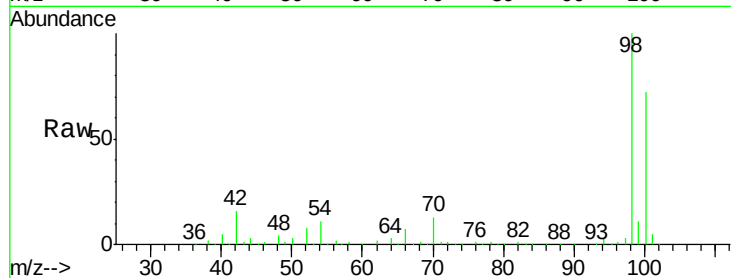
WC-02-011519

Tot Ion: 98 Resp: 343846

Ion Ratio Lower Upper

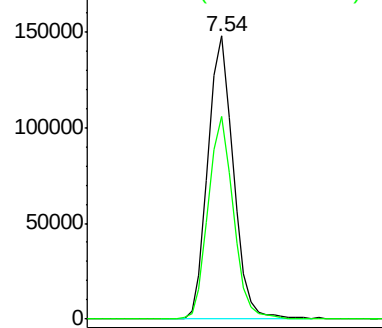
98 100

100 71.6 55.6 83.4

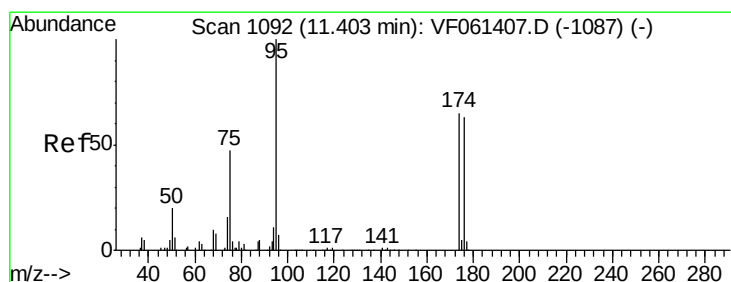
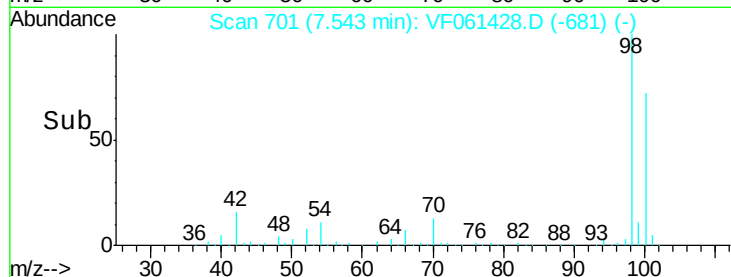


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



Time-->



#62

4-Bromofluorobenzene

Concen: 30.964 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061428.D

Acq: 16 Jan 2019 23:02

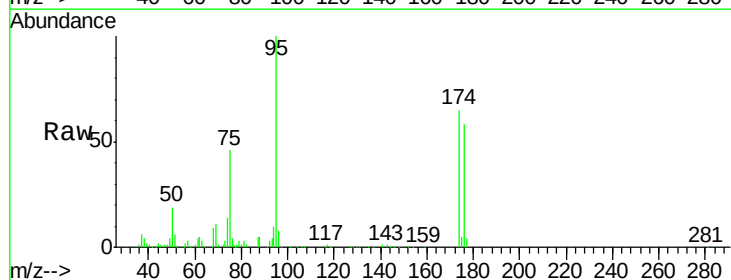
Tgt Ion: 95 Resp: 125112

Ion Ratio Lower Upper

95 100

174 65.3 0.0 130.4

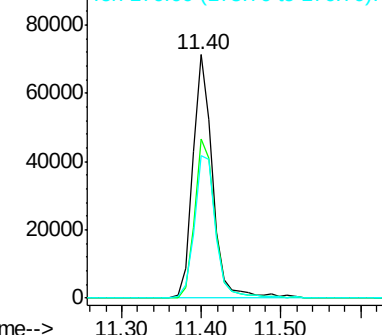
176 58.3 0.0 126.2



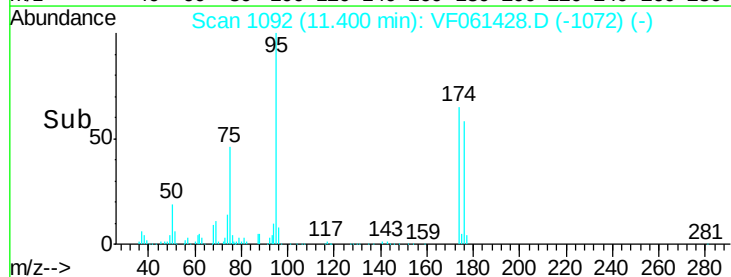
Abundance Ion 95.00 (94.70 to 95.70): VF0

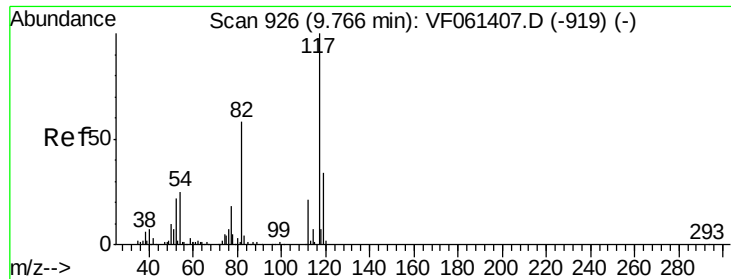
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->

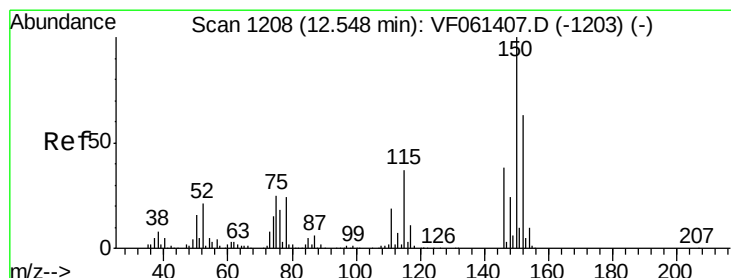
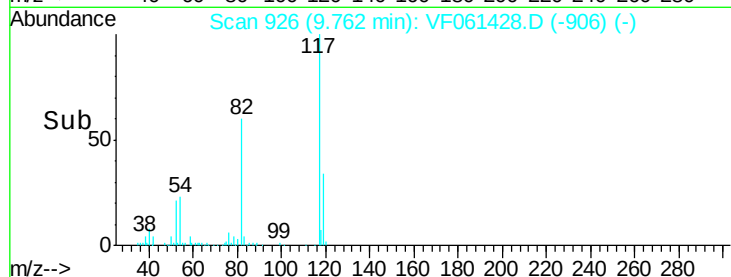
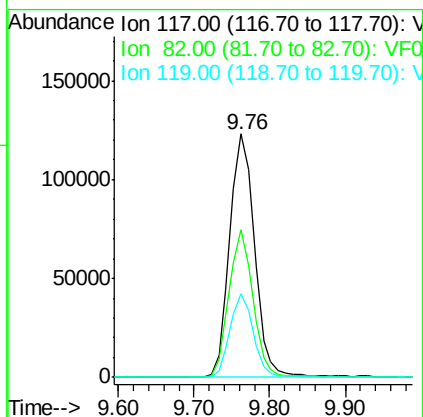
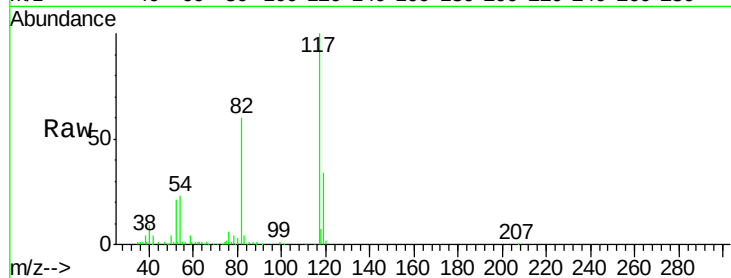




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061428.D
Acq: 16 Jan 2019 23:02

Instrument :
MSVOA_F
ClientSampleId :
WC-02-011519

Tot Ion:117 Resp: 281413
Ion Ratio Lower Upper
117 100
82 60.5 46.4 69.6
119 34.3 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061428.D
Acq: 16 Jan 2019 23:02

Tgt Ion:152 Resp: 92510
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.0
150 160.9 0.0 321.4

