

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061429.D
 Acq On : 16 Jan 2019 23:31
 Operator : VA/AP
 Sample : K1157-06
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-03-011519

Quant Time: Jan 17 03:34:56 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	211286	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	335568	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	229009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	66237	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	123893	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
35) Dibromofluoromethane	4.10	113	135465	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
50) Toluene-d8	7.54	98	280592	38.68	ug/l	0.00
Spiked Amount			Recovery	=	77.36%	
62) 4-Bromofluorobenzene	11.40	95	91411	26.97	ug/l	0.00
Spiked Amount			Recovery	=	53.94%	

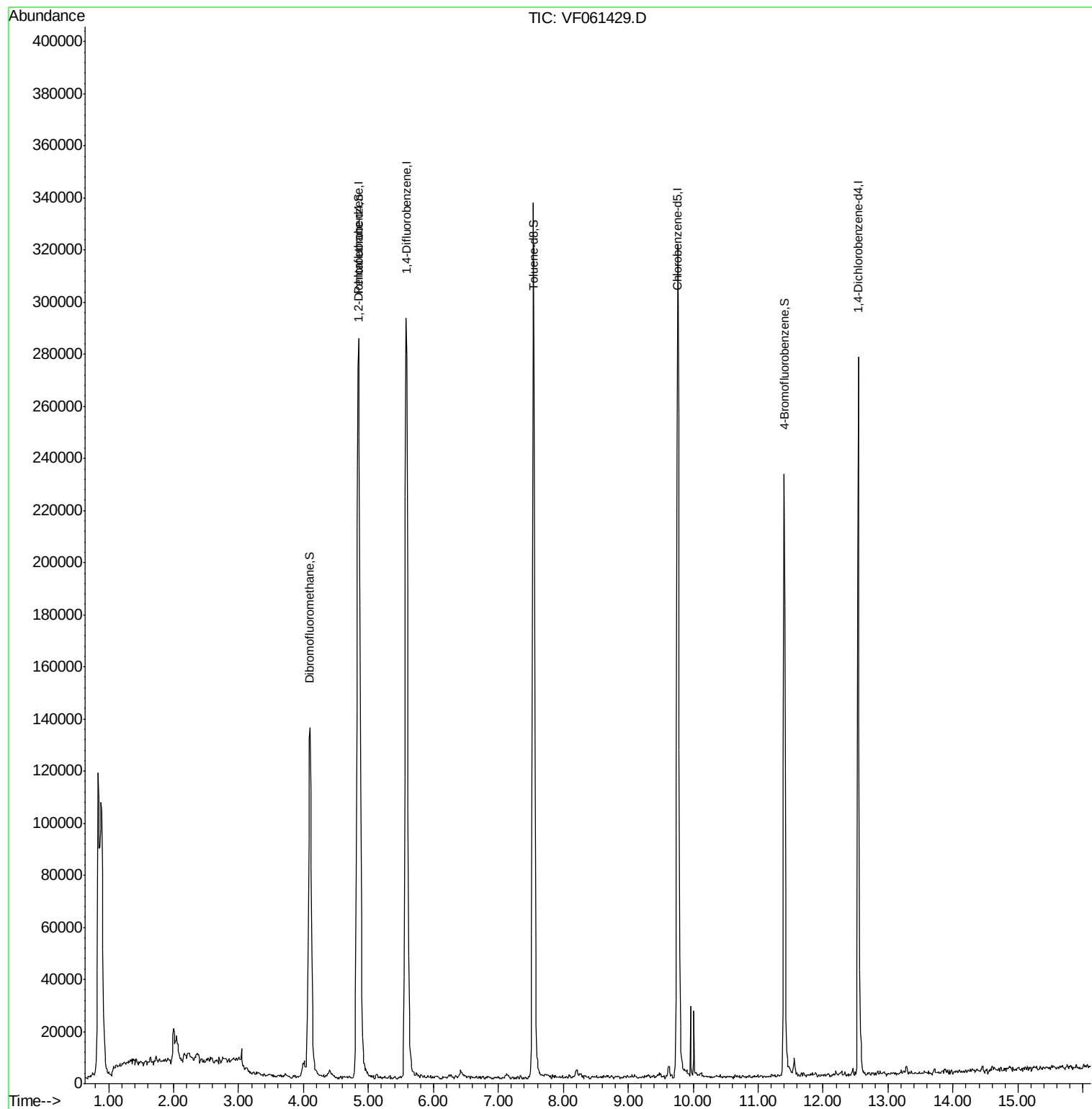
Target Compounds	Qvalue
------------------	--------

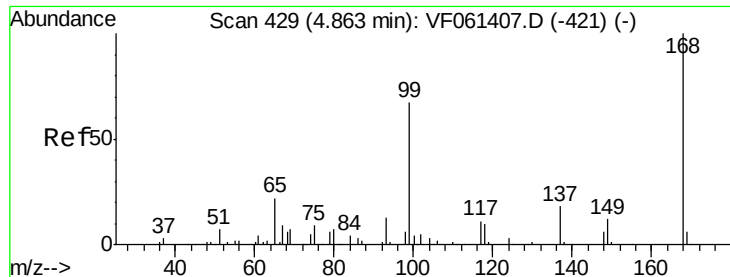
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011619\
Data File : VF061429.D
Acq On : 16 Jan 2019 23:31
Operator : VA/AP
Sample : K1157-06
Misc : 5.03g/5mL/MSVOA-F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
WC-03-011519

Quant Time: Jan 17 03:34:56 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: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061429.D

Acq: 16 Jan 2019 23:31

Instrument :

MSVOA_F

ClientSampleId :

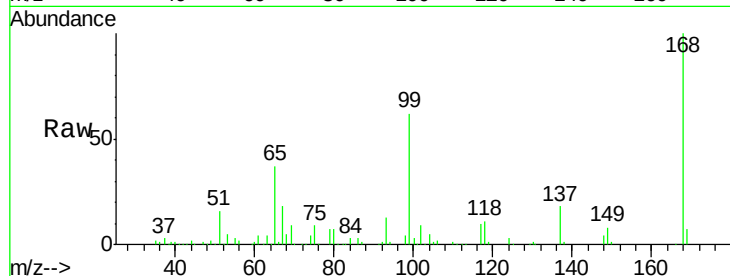
WC-03-011519

Tot Ion:168 Resp: 211286

Ion Ratio Lower Upper

168 100

99 61.9 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

60000

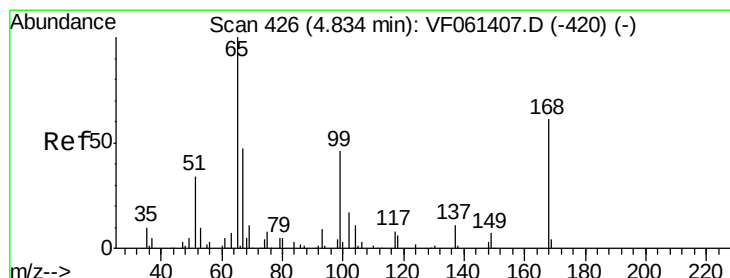
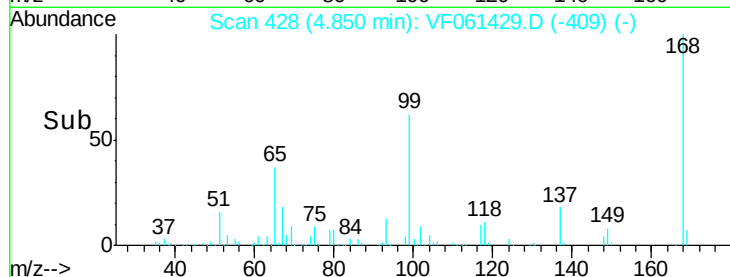
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 47.494 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061429.D

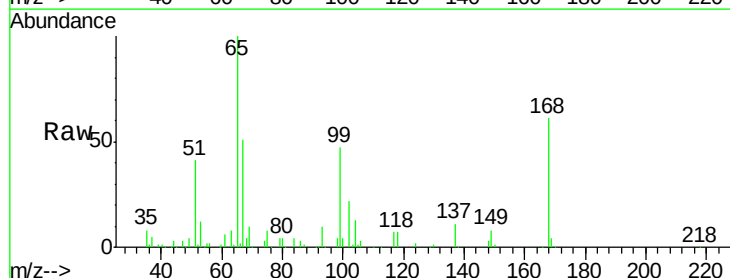
Acq: 16 Jan 2019 23:31

Tgt Ion: 65 Resp: 123893

Ion Ratio Lower Upper

65 100

67 50.7 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

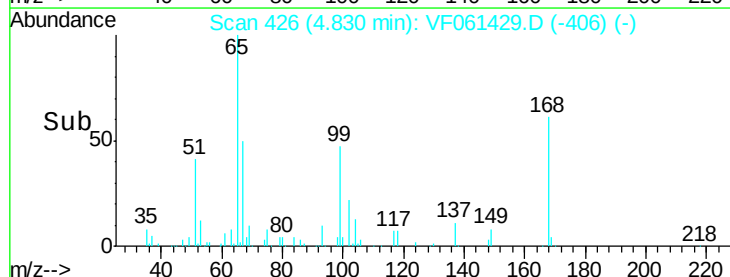
20000

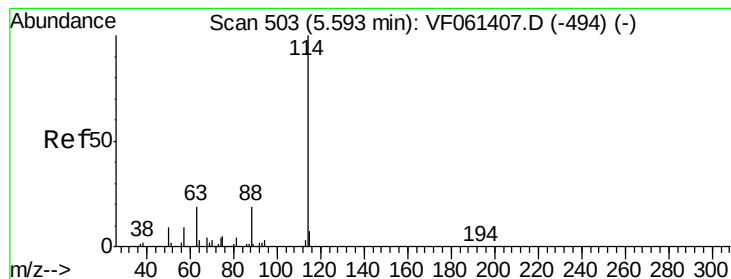
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061429.D

Acq: 16 Jan 2019 23:31

Instrument :

MSVOA_F

ClientSampleId :

WC-03-011519

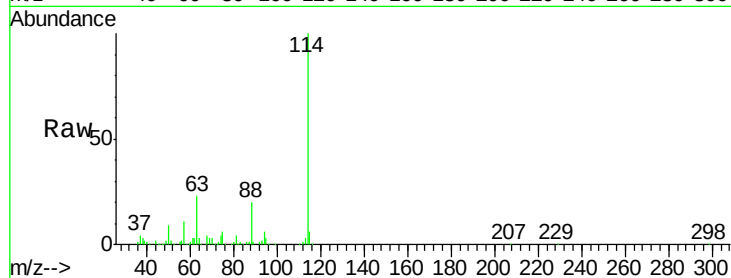
Tot Ion:114 Resp: 335568

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.0

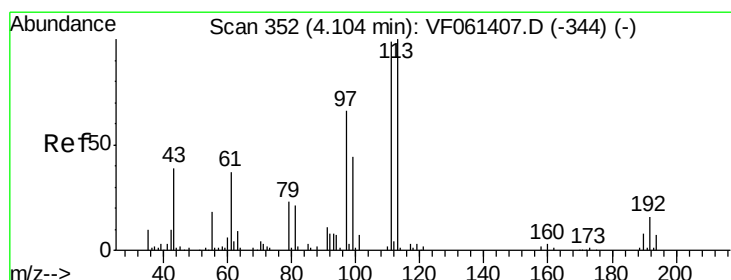
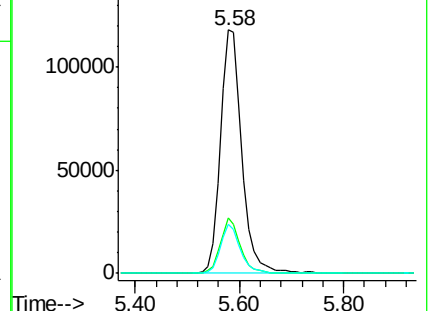
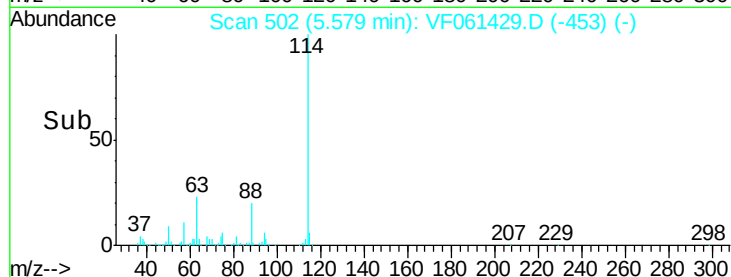
88 20.2 0.0 37.4



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: 51.159 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF061429.D

Acq: 16 Jan 2019 23:31

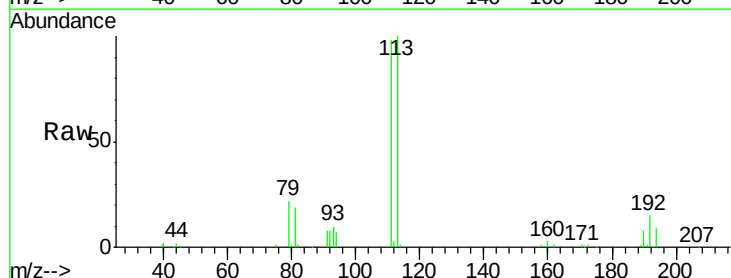
Tgt Ion:113 Resp: 135465

Ion Ratio Lower Upper

113 100

111 98.4 79.4 119.0

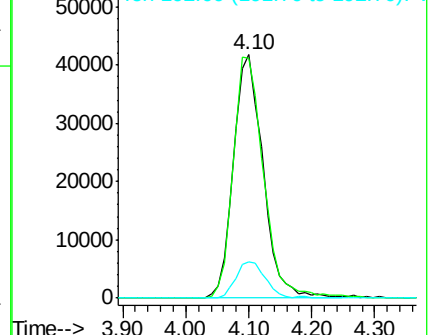
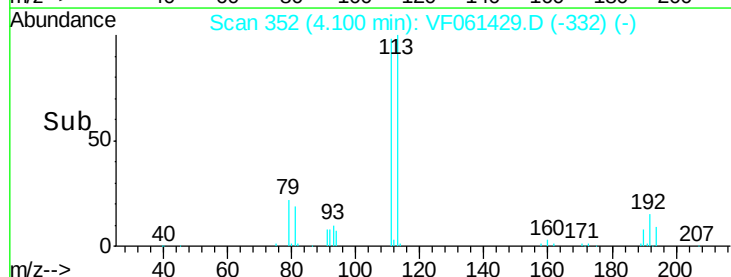
192 15.4 12.4 18.6

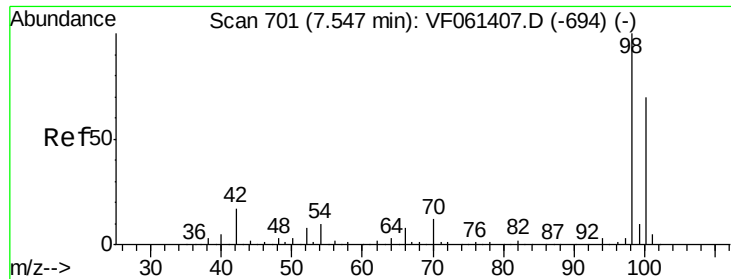


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.677 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061429.D

Acq: 16 Jan 2019 23:31

Instrument :

MSVOA_F

ClientSampleId :

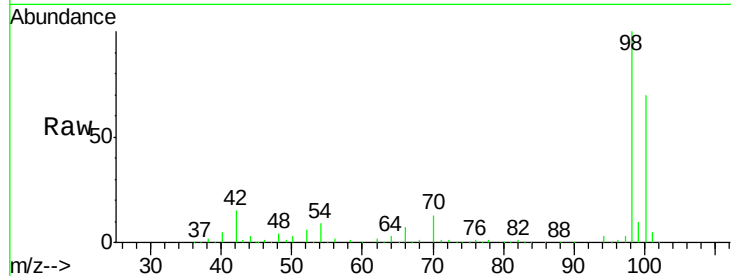
WC-03-011519

Tot Ion: 98 Resp: 280592

Ion Ratio Lower Upper

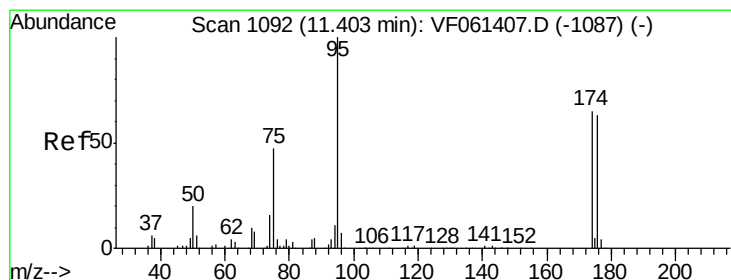
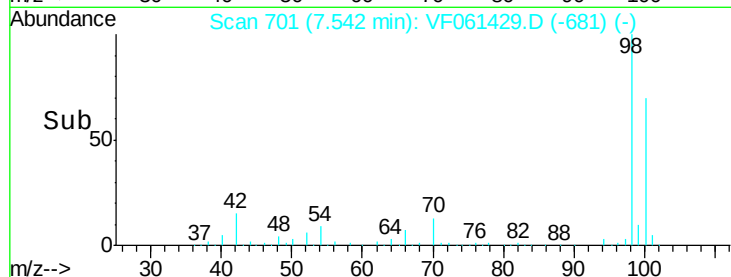
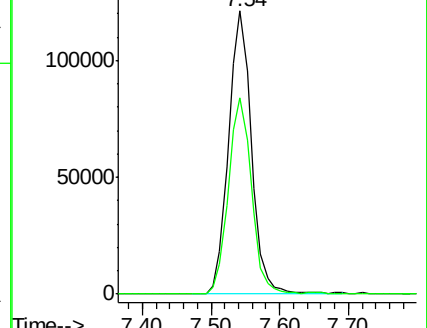
98 100

100 69.5 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 26.968 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061429.D

Acq: 16 Jan 2019 23:31

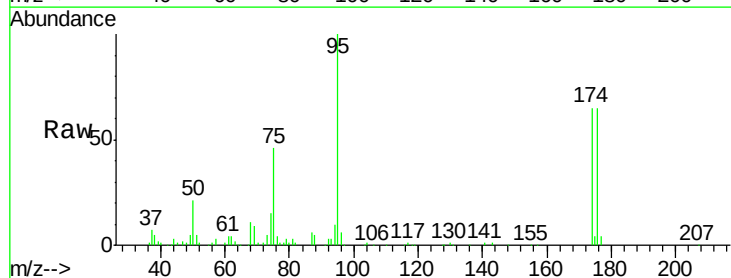
Tgt Ion: 95 Resp: 91411

Ion Ratio Lower Upper

95 100

174 65.1 0.0 130.4

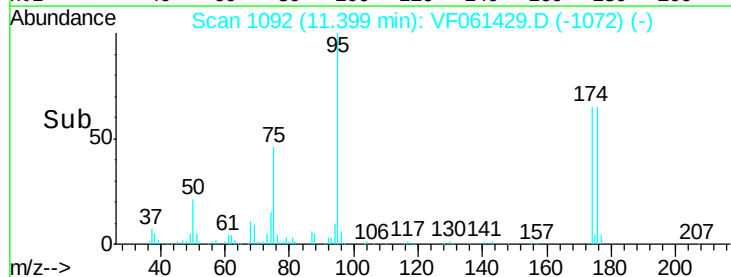
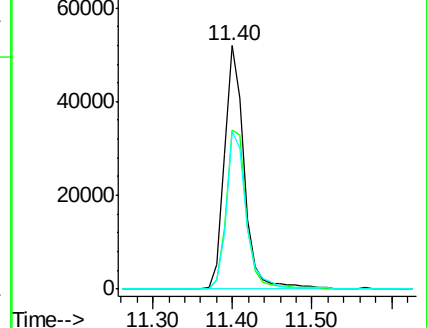
176 64.9 0.0 126.2

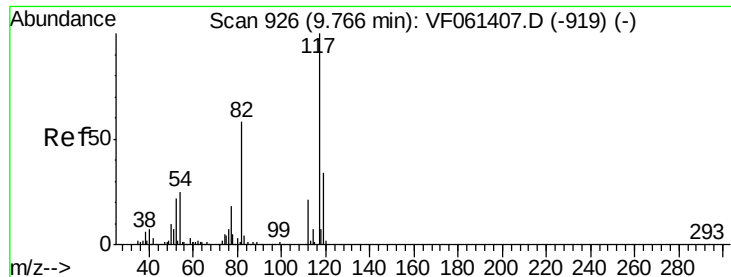


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

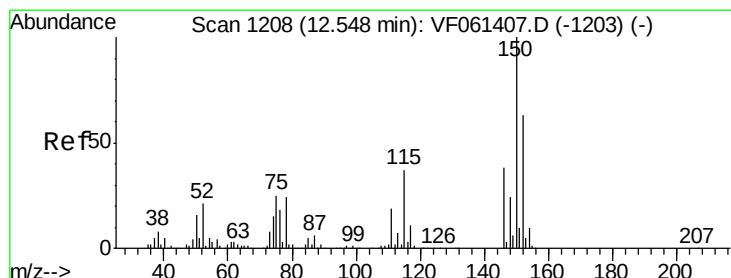
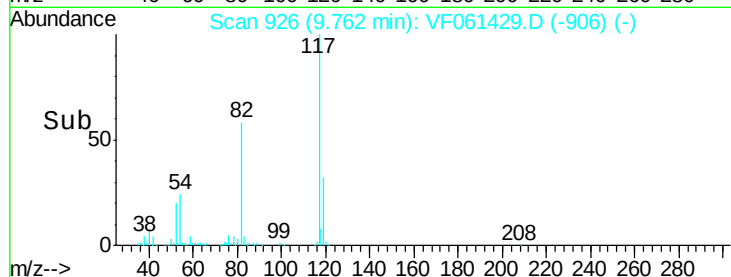
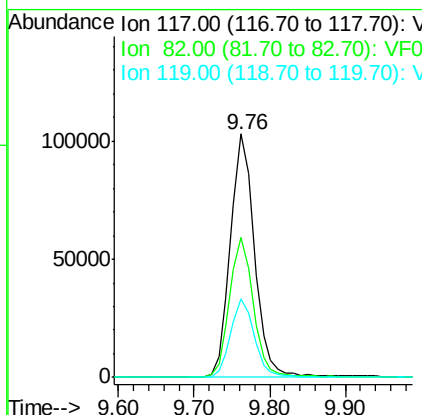
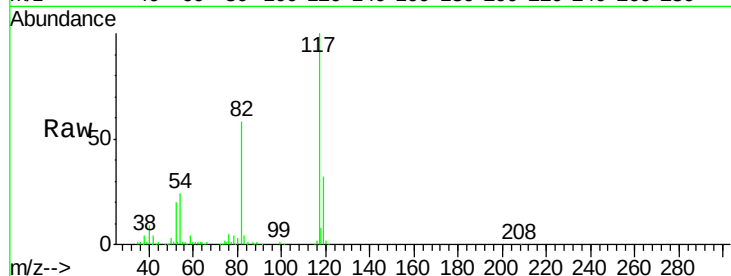




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061429.D
Acq: 16 Jan 2019 23:31

Instrument :
MSVOA_F
ClientSampleId :
WC-03-011519

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.4	69.6
119	32.5	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: VF061429.D
Acq: 16 Jan 2019 23:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.0	90.0
150	155.7	0.0	321.4

