

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061036.D
 Acq On : 17 Dec 2018 12:44
 Operator : VA/AP
 Sample : VF1217SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1217SBL01

Quant Time: Dec 18 03:19:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	186408	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	311249	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	286922	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	169313	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	118905	54.15	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	4.13	113	135841	55.01	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	110.02%	
50) Toluene-d8	7.57	98	356235	48.98	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.42	95	167991	50.82	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.64%	

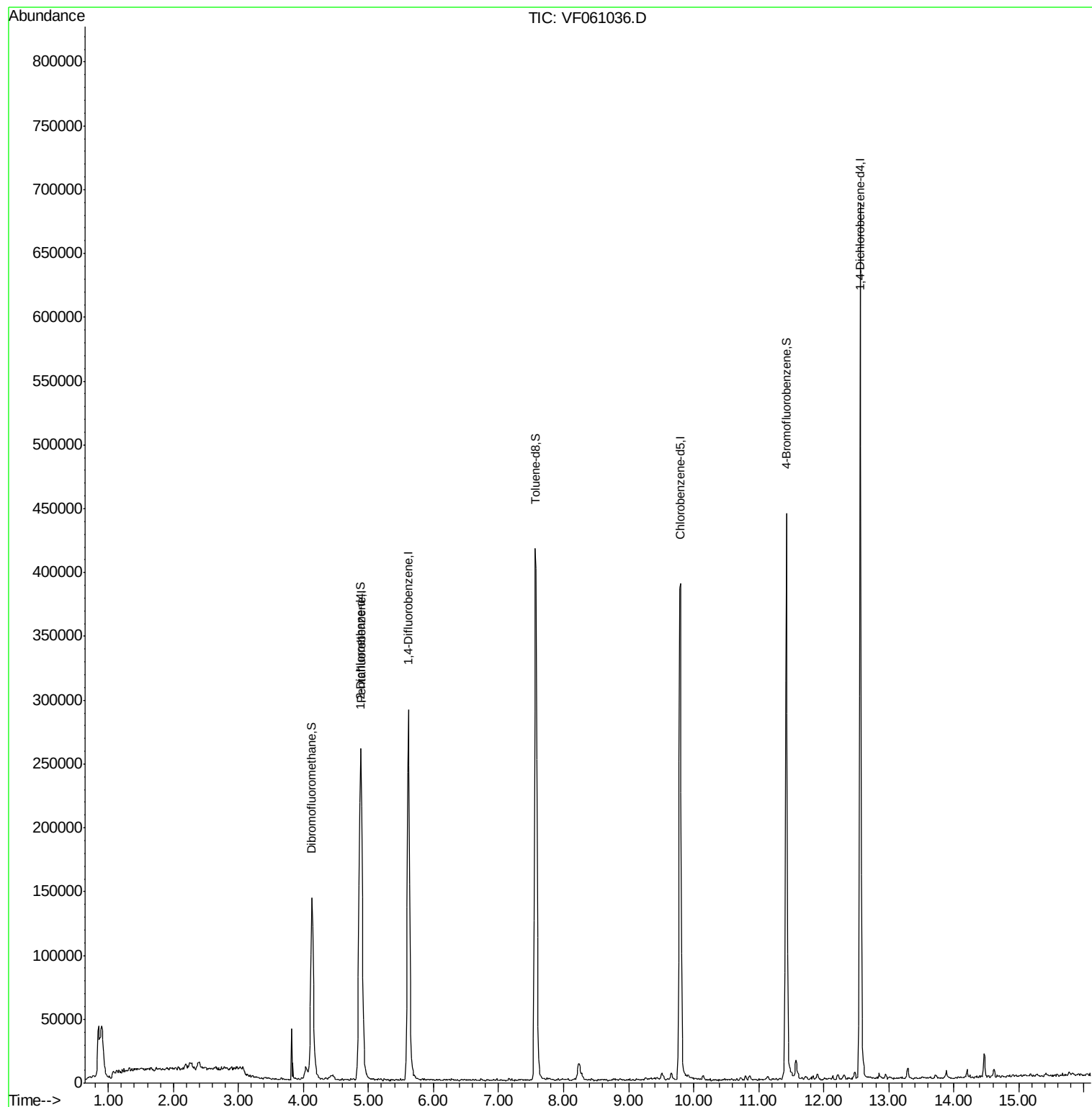
Target Compounds	Qvalue

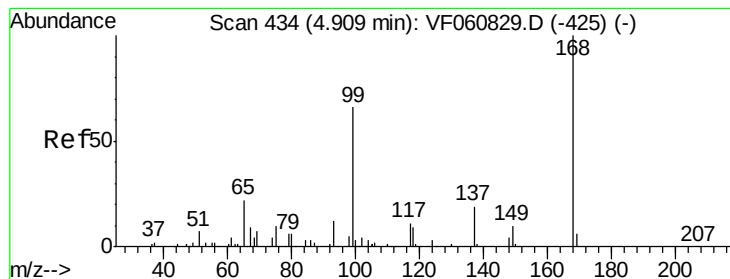
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.02 min

Lab File: VF061036.D

Acq: 17 Dec 2018 12:44

Instrument :

MSVOA_F

ClientSampleId :

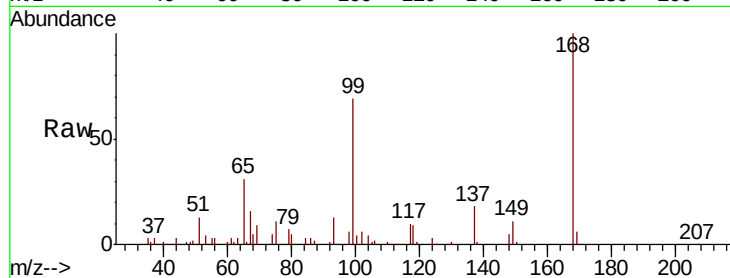
VF1217SBL01

Tot Ion:168 Resp: 186408

Ion Ratio Lower Upper

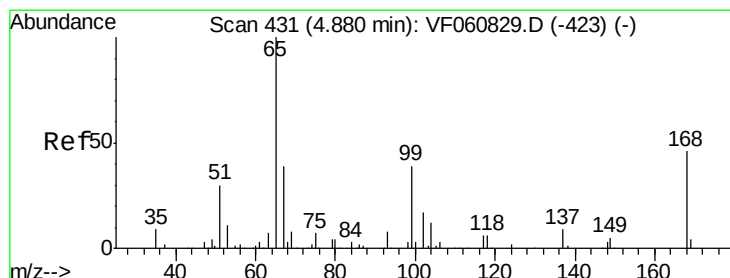
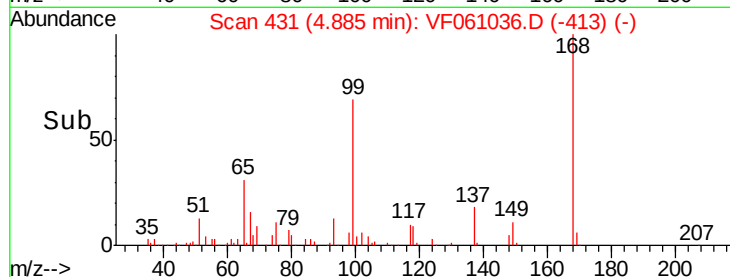
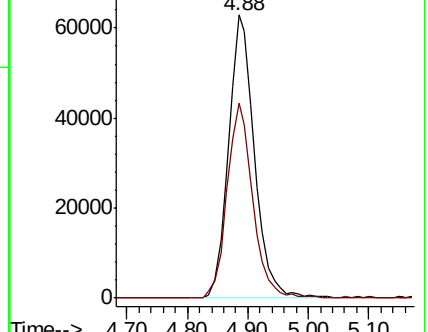
168 100

99 68.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 54.147 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061036.D

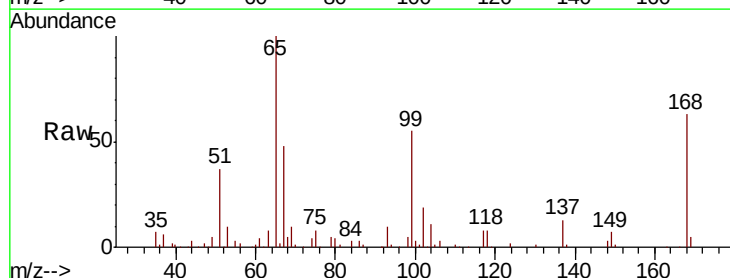
Acq: 17 Dec 2018 12:44

Tgt Ion: 65 Resp: 118905

Ion Ratio Lower Upper

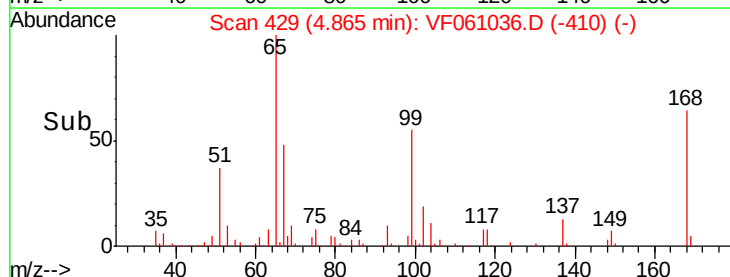
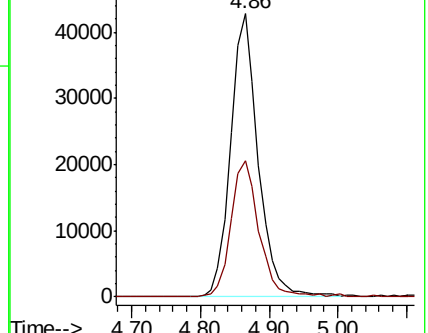
65 100

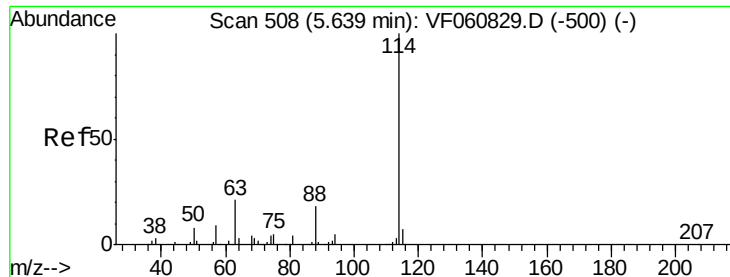
67 48.2 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

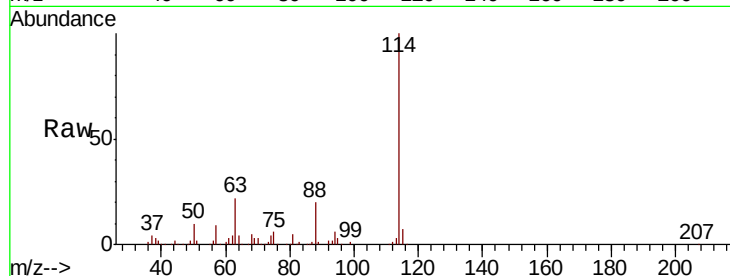




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: VF061036.D
 Acq: 17 Dec 2018 12:44

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1217SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	19.7	0.0	36.6

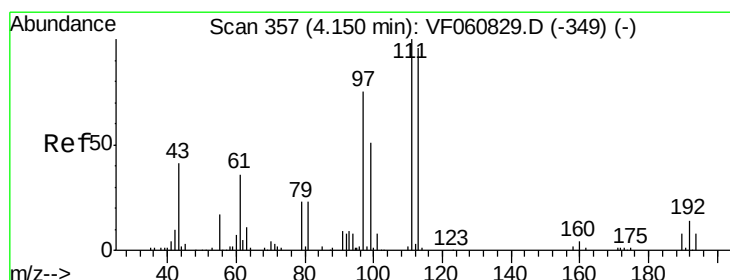
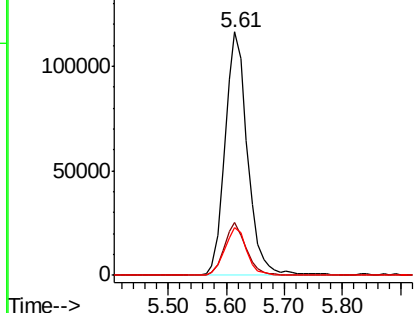
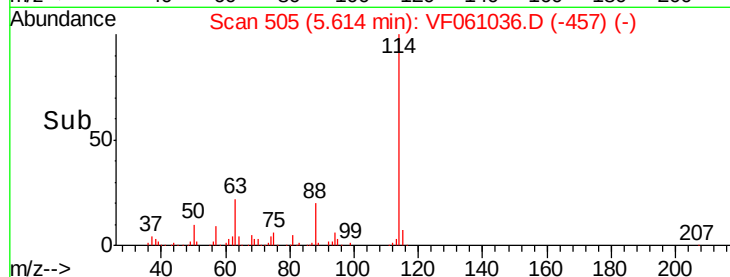


Abundance

Ion 114.00 (113.70 to 114.70): V

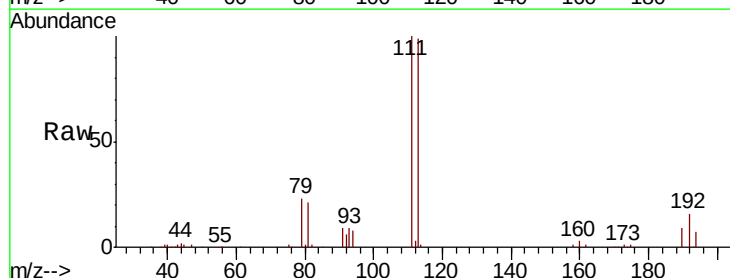
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 55.014 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF061036.D
 Acq: 17 Dec 2018 12:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.0	124.6
192	15.7	12.3	18.5

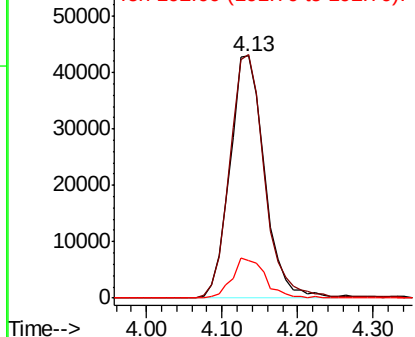
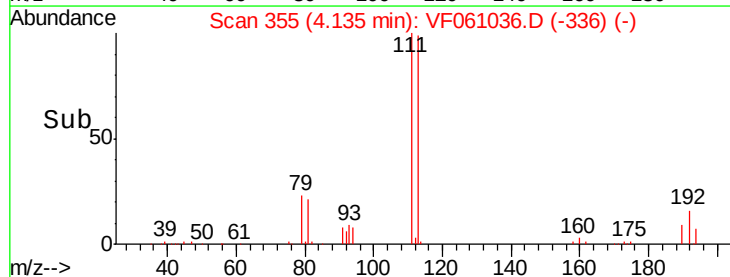


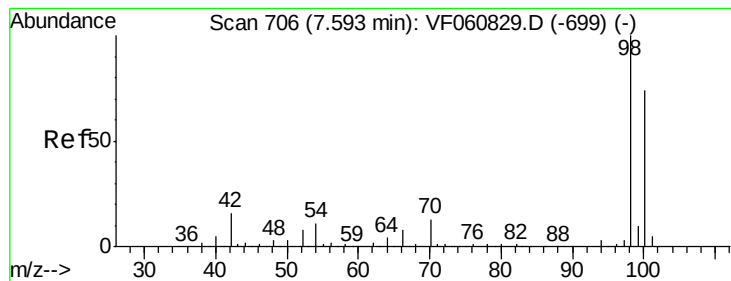
Abundance

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: 48.977 ug/l

RT: 7.57 min Scan# 703

Delta R.T. -0.02 min

Lab File: VF061036.D

Acq: 17 Dec 2018 12:44

Instrument :

MSVOA_F

ClientSampleId :

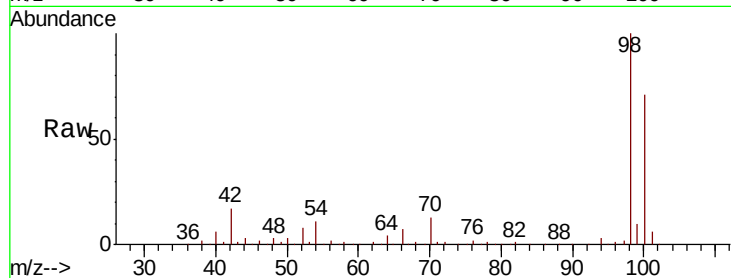
VF1217SBL01

Tot Ion: 98 Resp: 356235

Ion Ratio Lower Upper

98 100

100 70.9 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

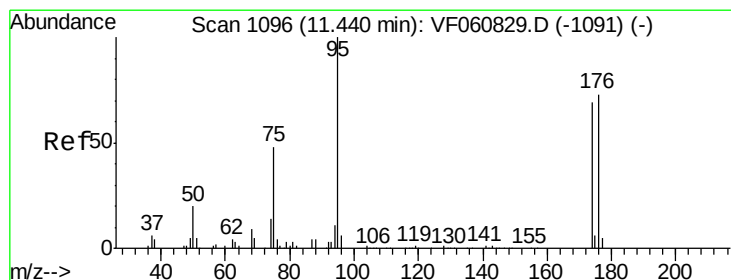
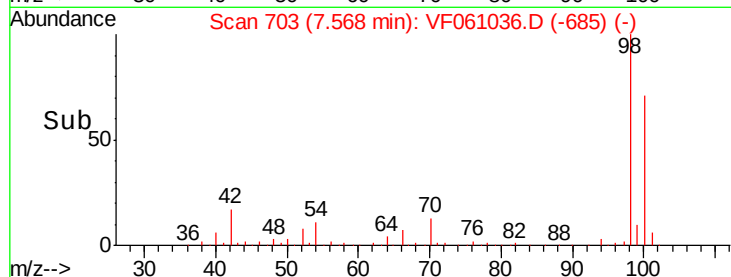
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 50.818 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF061036.D

Acq: 17 Dec 2018 12:44

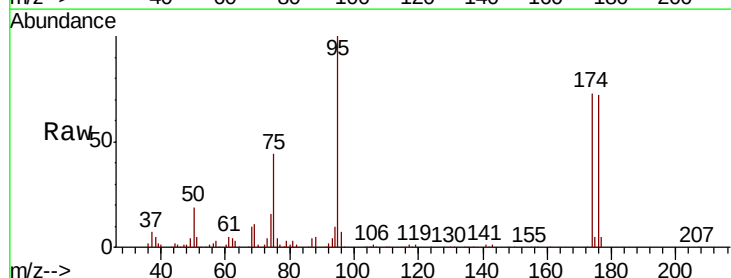
Tgt Ion: 95 Resp: 167991

Ion Ratio Lower Upper

95 100

174 73.1 0.0 138.2

176 71.8 0.0 146.2



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

120000

100000

80000

60000

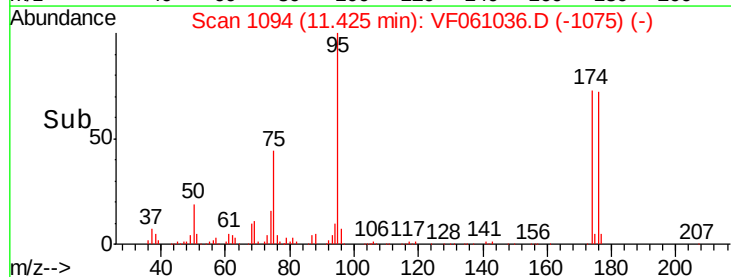
40000

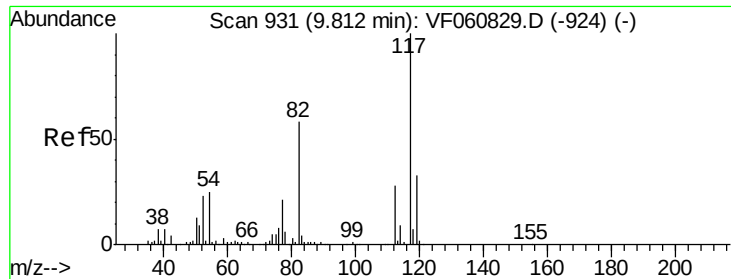
20000

0

11.30 11.40 11.50 11.60

Time-->

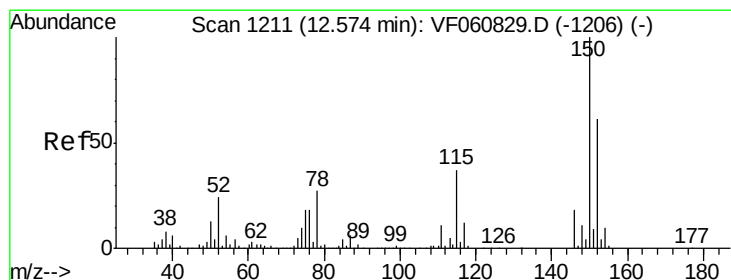
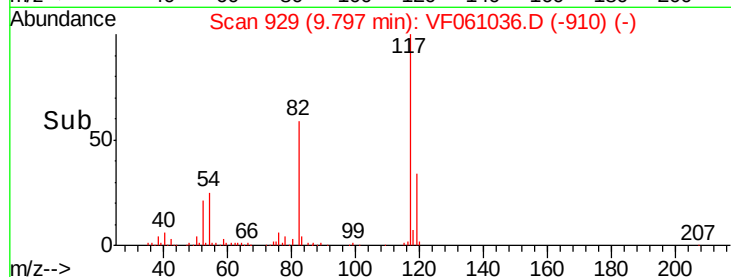
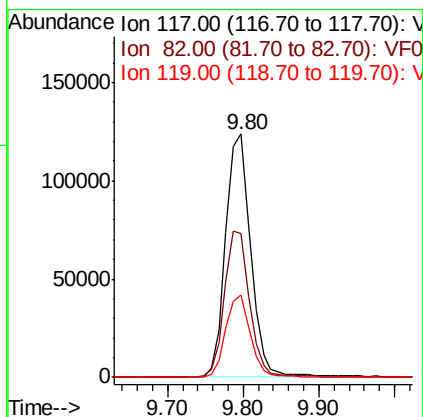
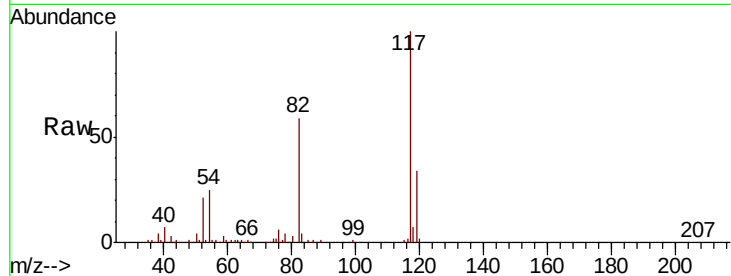




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Instrument :
MSVOA_F
ClientSampleId :
VF1217SBL01

Tot Ion:117 Resp: 286922
Ion Ratio Lower Upper
117 100
82 59.3 46.6 69.8
119 33.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF061036.D
Acq: 17 Dec 2018 12:44

Tgt Ion:152 Resp: 169313
Ion Ratio Lower Upper
152 100
115 62.1 30.1 90.5
150 154.8 0.0 327.6

