

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060296.D
 Acq On : 20 Sep 2018 11:41
 Operator : VA/AP
 Sample : VF0920SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0920SBL01

Quant Time: Sep 21 09:10:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	243455	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	420085	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	358112	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	197419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	159488	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
35) Dibromofluoromethane	4.27	113	182064	48.62	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	7.69	98	433169	44.42	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.84%	
62) 4-Bromofluorobenzene	11.49	95	198136	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	

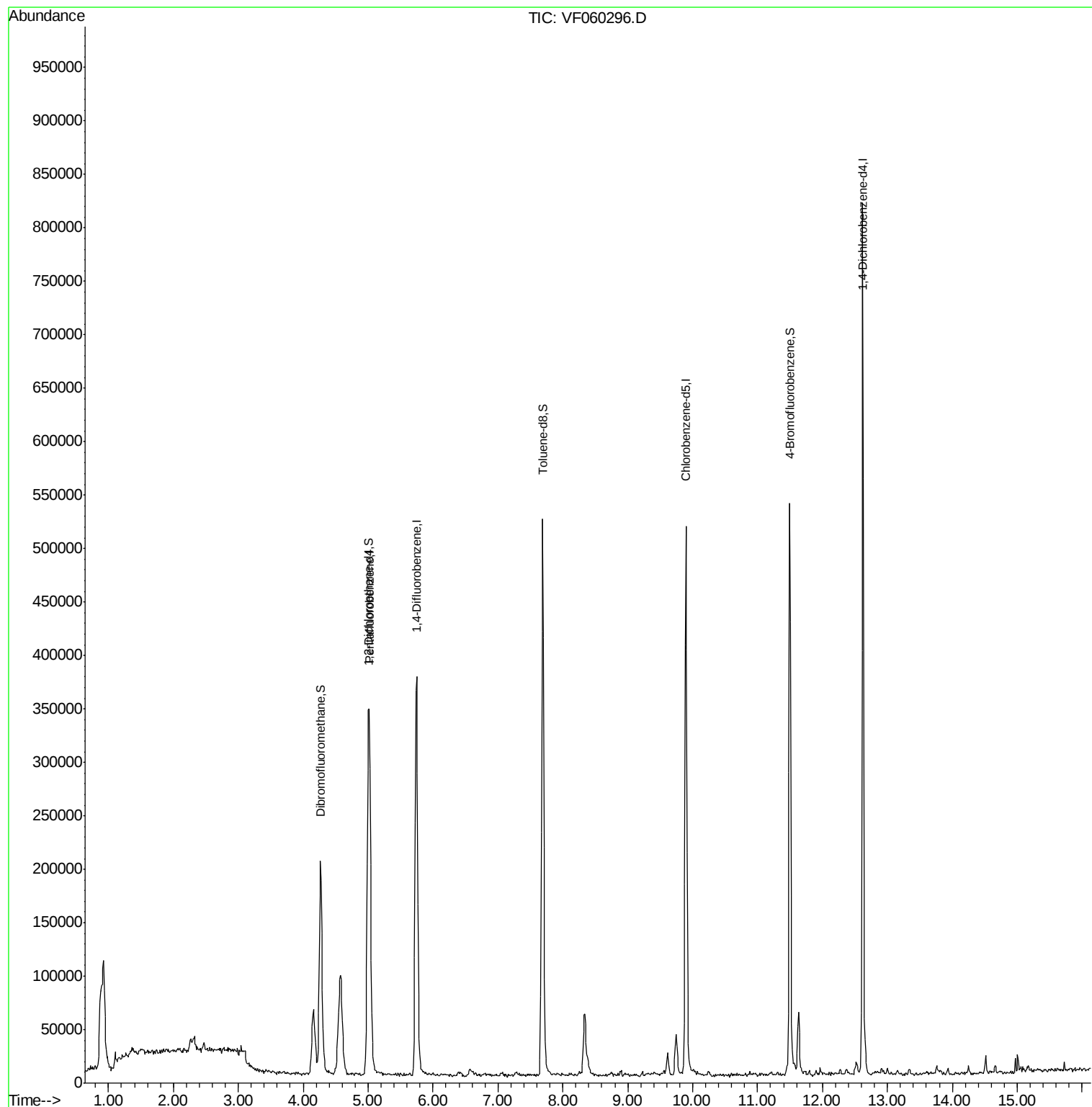
Target Compounds	Qvalue

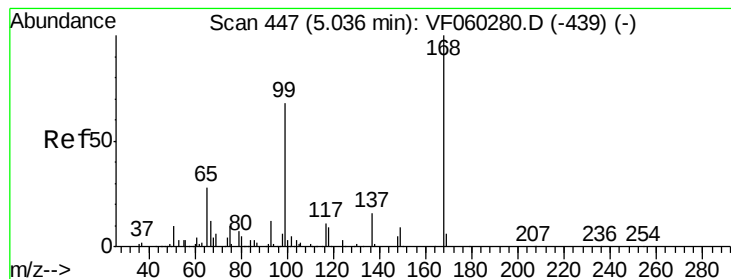
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092018\
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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF060296.D

Acq: 20 Sep 2018 11:41

Instrument :

MSVOA_F

ClientSampleId :

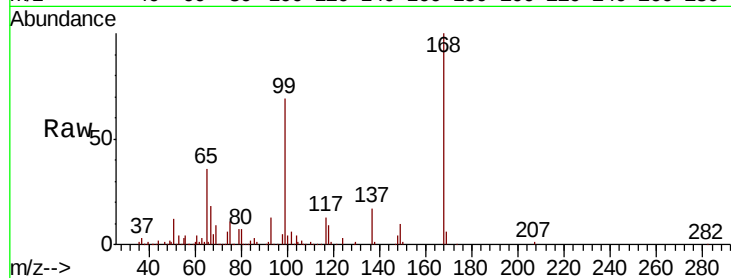
VF0920SBL01

Tot Ion:168 Resp: 243455

Ion Ratio Lower Upper

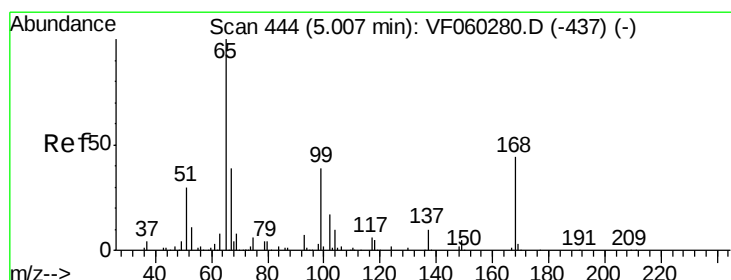
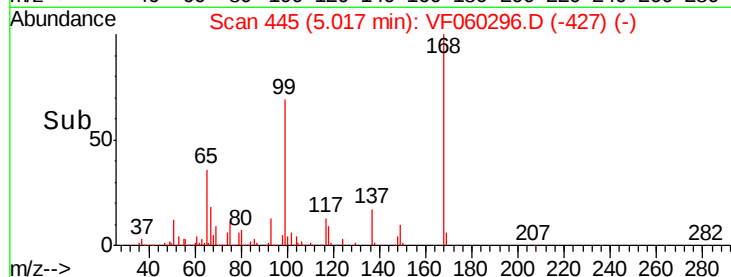
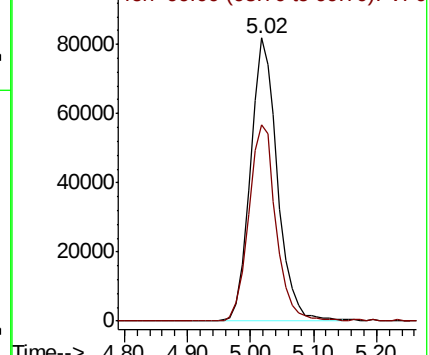
168 100

99 69.2 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 48.651 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060296.D

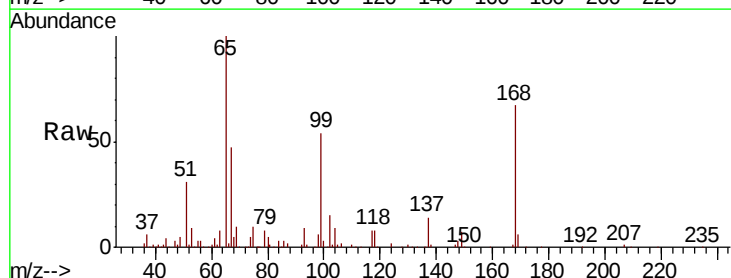
Acq: 20 Sep 2018 11:41

Tgt Ion: 65 Resp: 159488

Ion Ratio Lower Upper

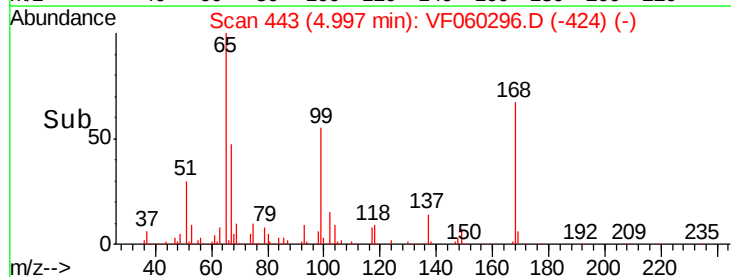
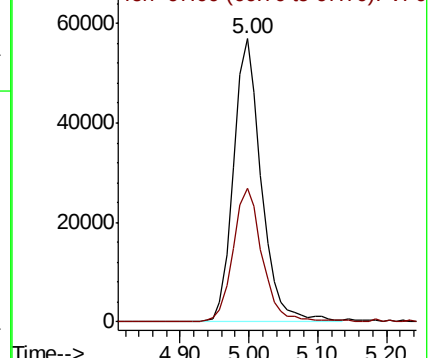
65 100

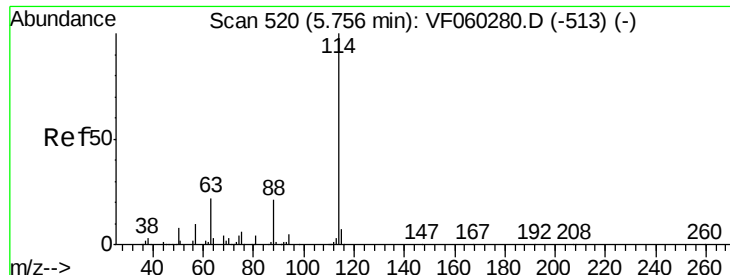
67 47.2 0.0 94.4



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: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060296.D

Acq: 20 Sep 2018 11:41

Instrument :

MSVOA_F

ClientSampleId :

VF0920SBL01

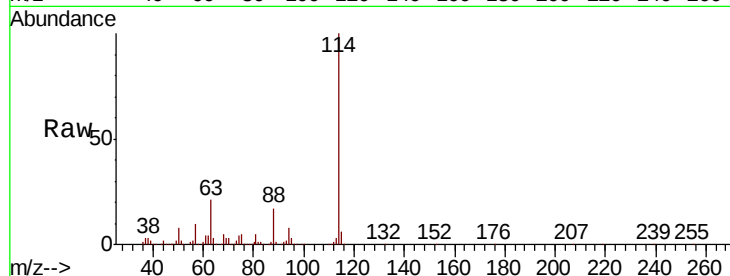
Tot Ion:114 Resp: 420085

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

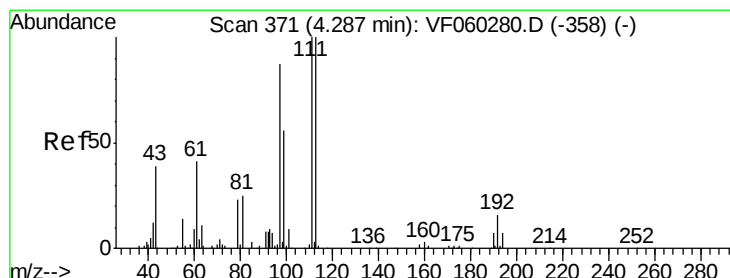
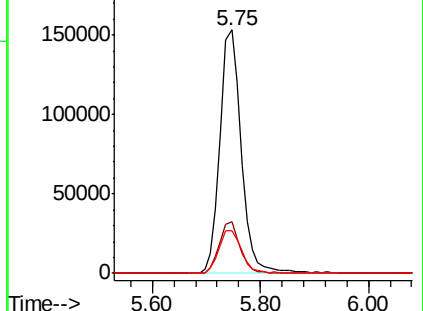
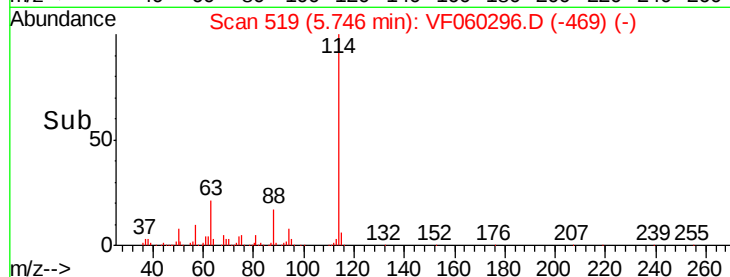
88 17.5 0.0 41.2



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: 48.619 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.02 min

Lab File: VF060296.D

Acq: 20 Sep 2018 11:41

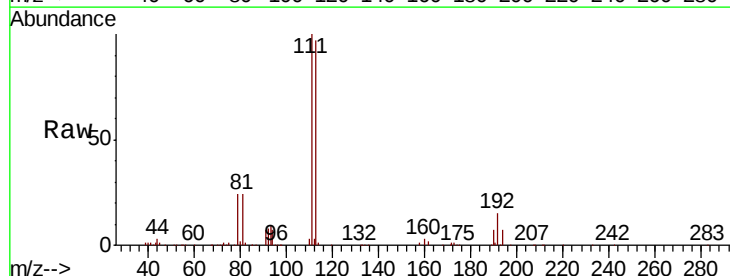
Tgt Ion:113 Resp: 182064

Ion Ratio Lower Upper

113 100

111 102.9 79.6 119.4

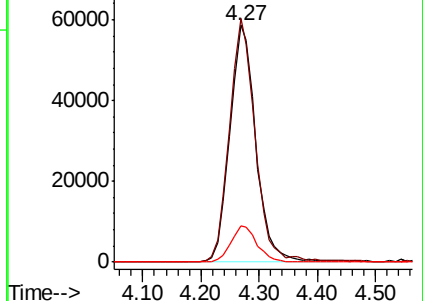
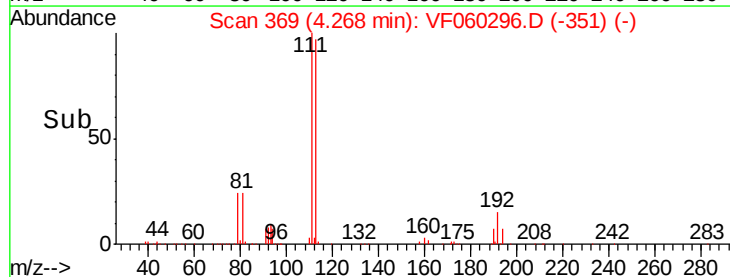
192 15.4 13.0 19.6

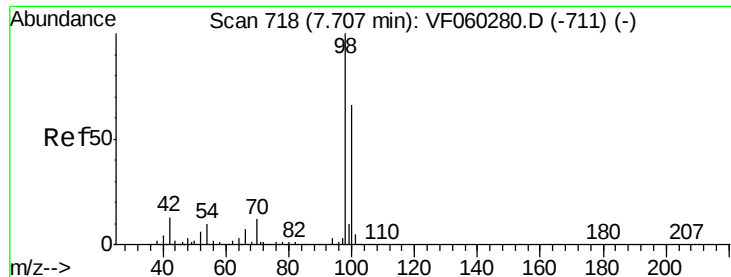


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.418 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060296.D

Acq: 20 Sep 2018 11:41

Instrument :

MSVOA_F

ClientSampleId :

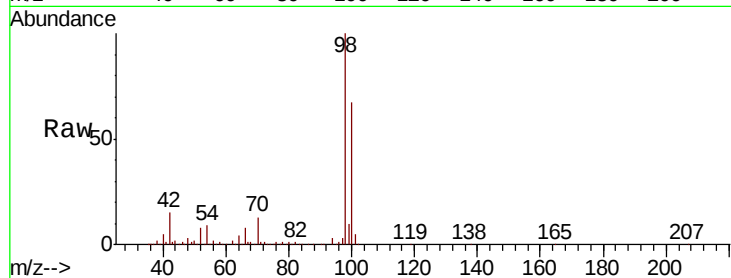
VF0920SBL01

Tot Ion: 98 Resp: 433169

Ion Ratio Lower Upper

98 100

100 67.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

200000

150000

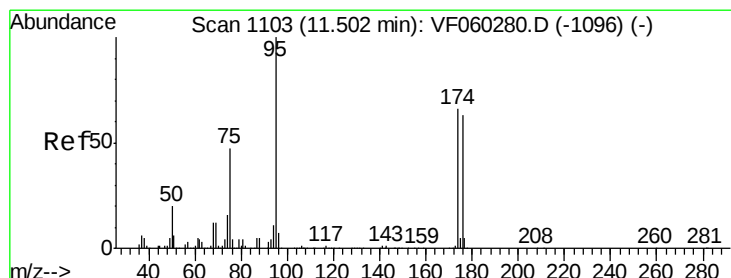
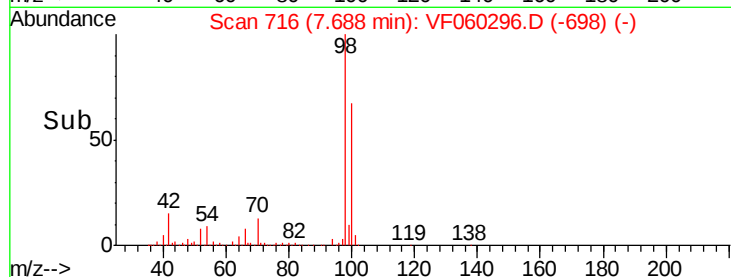
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 47.001 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060296.D

Acq: 20 Sep 2018 11:41

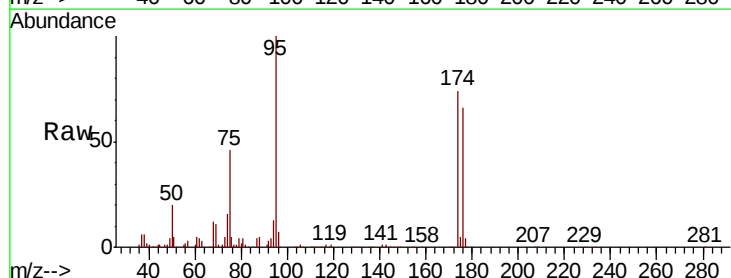
Tgt Ion: 95 Resp: 198136

Ion Ratio Lower Upper

95 100

174 73.7 0.0 131.2

176 65.9 0.0 126.6



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

150000

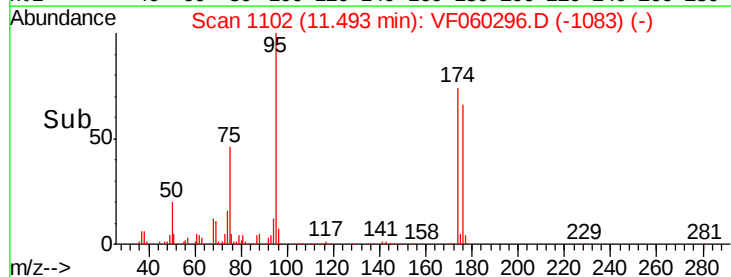
100000

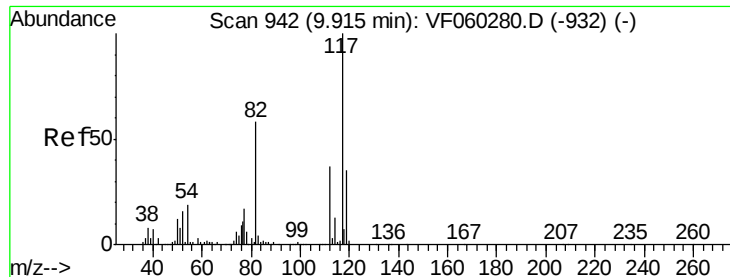
50000

0

Time-->

11.40 11.50 11.60 11.70

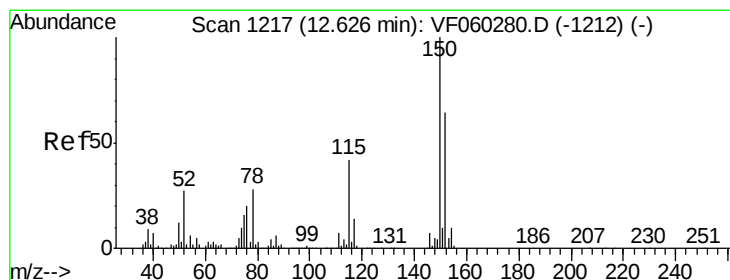
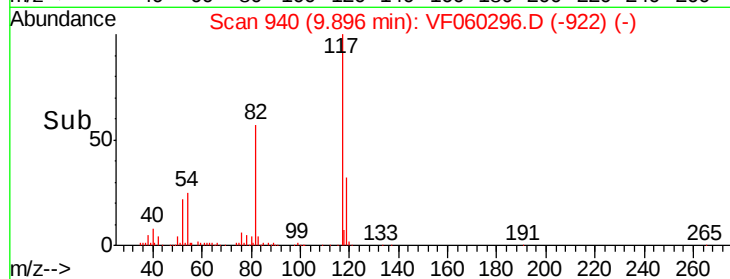
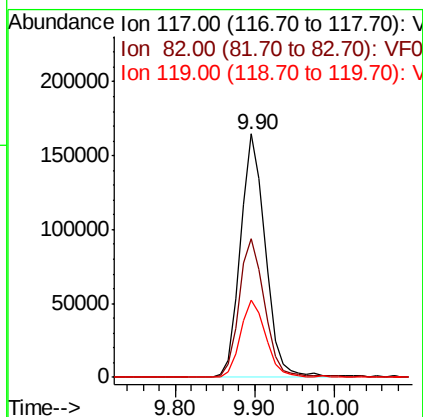
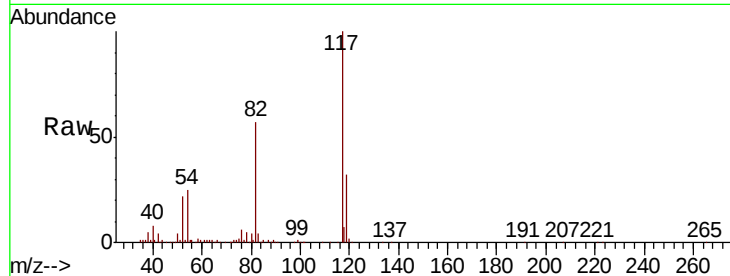




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060296.D
Acq: 20 Sep 2018 11:41

Instrument :
MSVOA_F
ClientSampleId :
VF0920SBL01

Tot Ion:117 Resp: 358112
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.2
119 31.6 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060296.D
Acq: 20 Sep 2018 11:41

Tgt Ion:152 Resp: 197419
Ion Ratio Lower Upper
152 100
115 62.3 32.6 97.8
150 152.9 0.0 314.2

