

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062011.D
 Acq On : 19 Mar 2019 11:45
 Operator : VA/AP
 Sample : VF0319SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0319SBL01

Quant Time: Mar 20 05:36:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	279610	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	439842	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	366820	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	202089	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	108840	54.08	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	4.08	113	152235	51.54	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	7.52	98	405975	47.02	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.39	95	179864	52.44	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.88%	

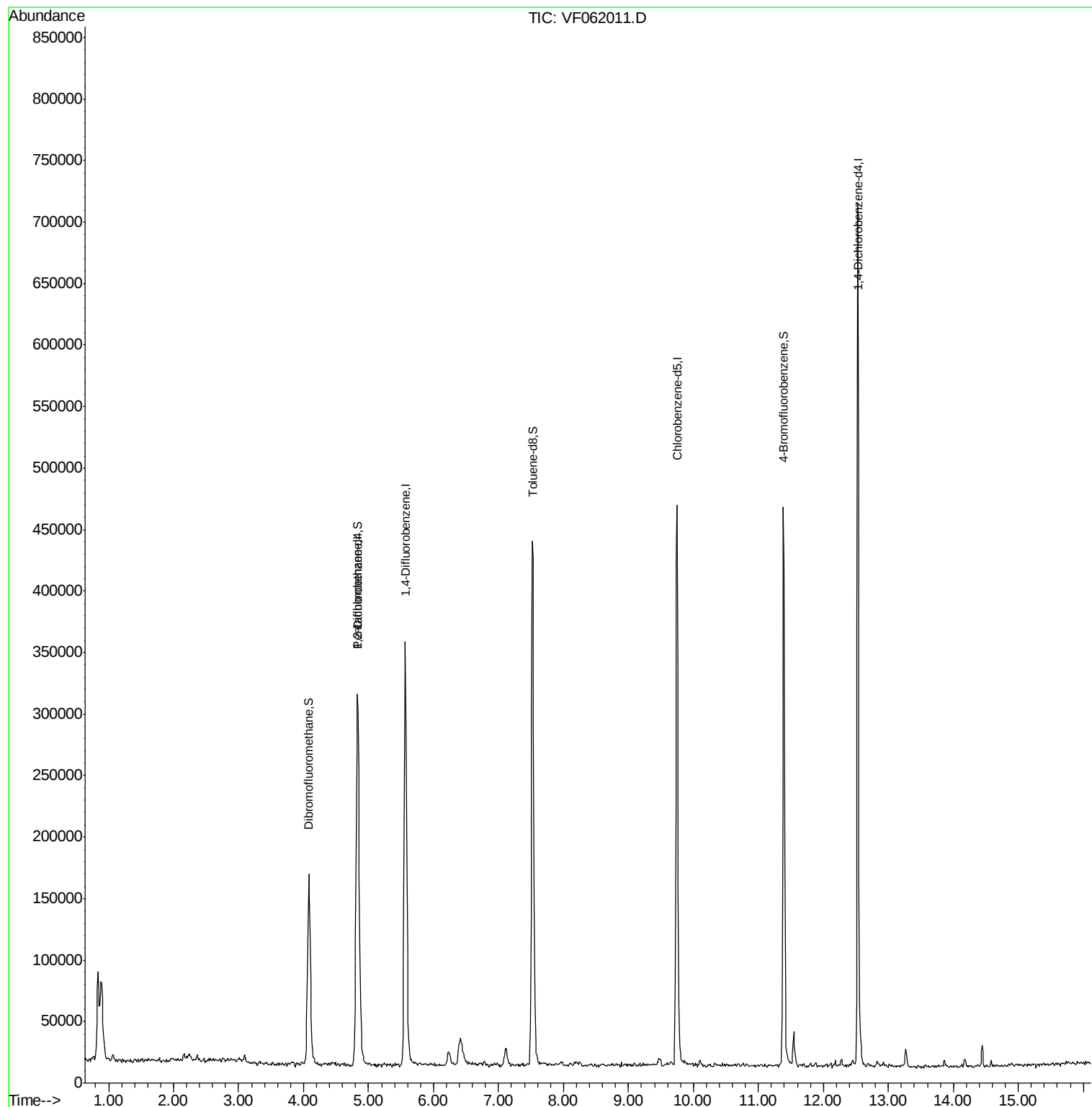
Target Compounds	Qvalue

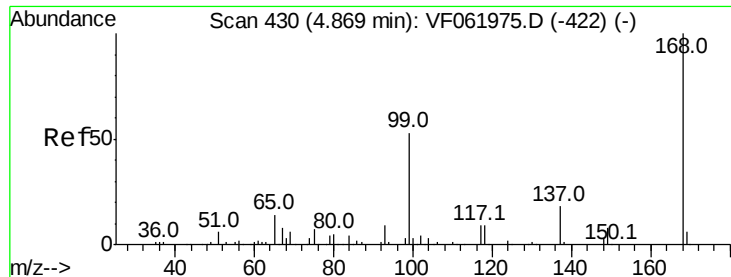
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF062011.D

Acq: 19 Mar 2019 11:45

Instrument :

MSVOA_F

ClientSampleId :

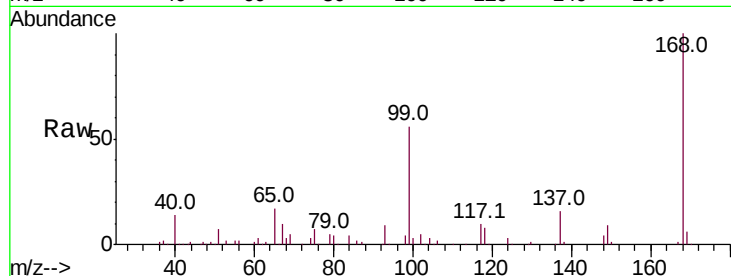
VF0319SBL01

Tot Ion:168 Resp: 279610

Ion Ratio Lower Upper

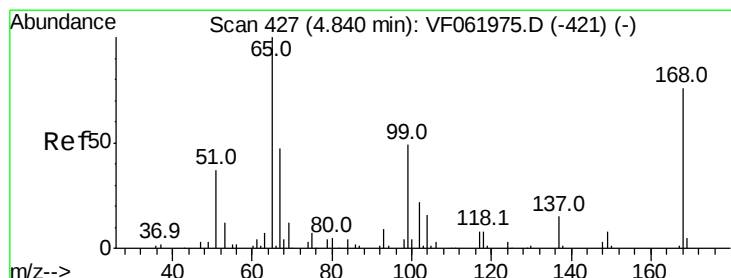
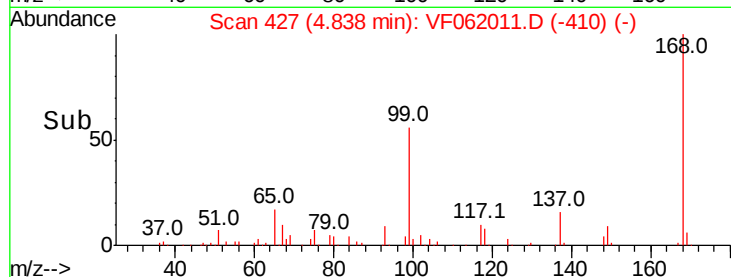
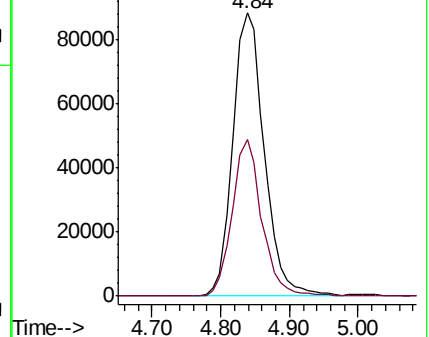
168 100

99 55.5 42.4 63.6



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: 54.075 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062011.D

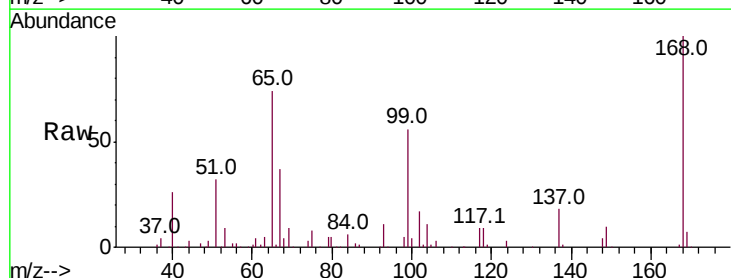
Acq: 19 Mar 2019 11:45

Tgt Ion: 65 Resp: 108840

Ion Ratio Lower Upper

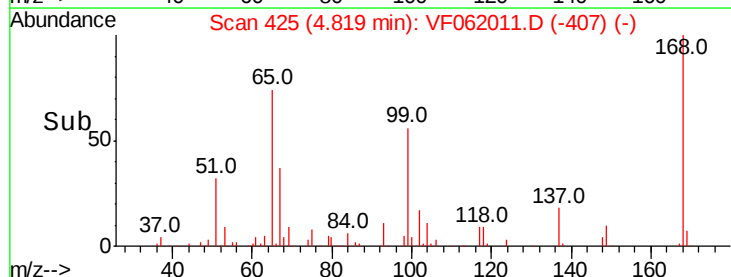
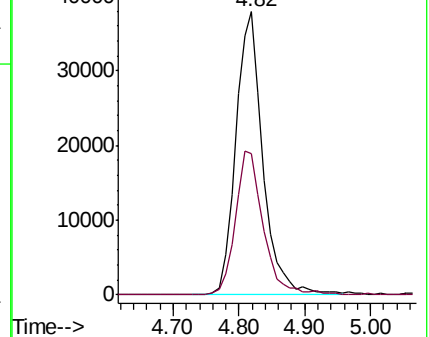
65 100

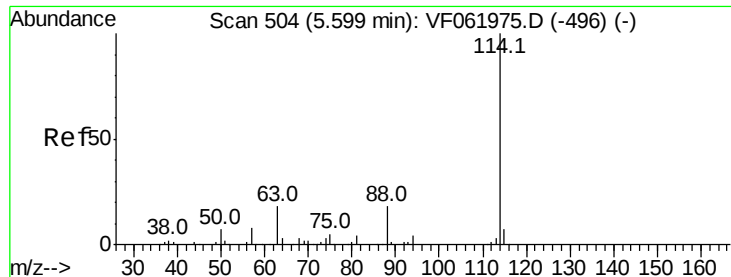
67 50.0 0.0 109.4



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: 5.57 min Scan# 501

Delta R.T. -0.03 min

Lab File: VF062011.D

Acq: 19 Mar 2019 11:45

Instrument :

MSVOA_F

ClientSampleId :

VF0319SBL01

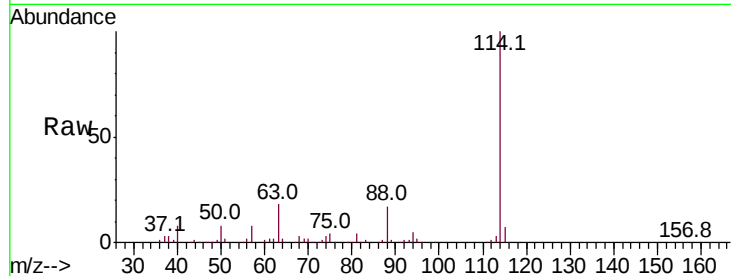
Tot Ion:114 Resp: 439842

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

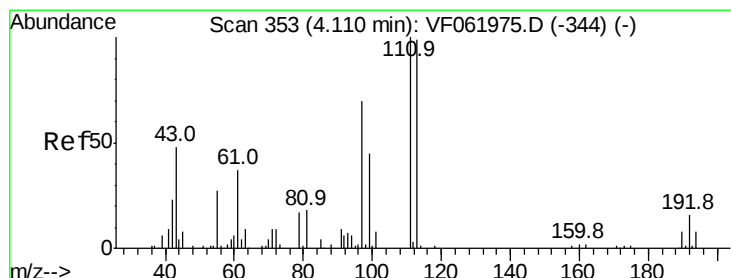
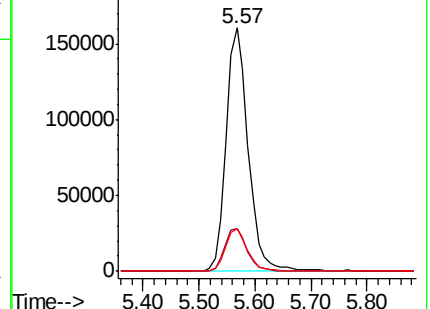
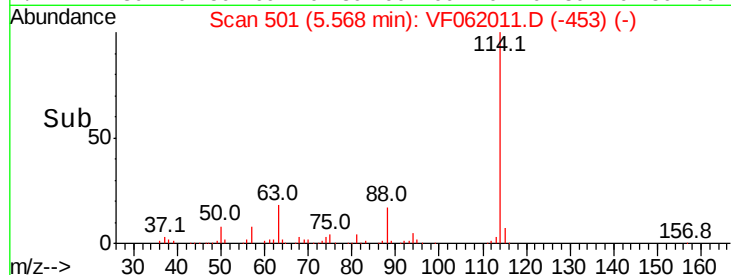
88 17.3 0.0 36.4



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: 51.542 ug/l

RT: 4.08 min Scan# 350

Delta R.T. -0.03 min

Lab File: VF062011.D

Acq: 19 Mar 2019 11:45

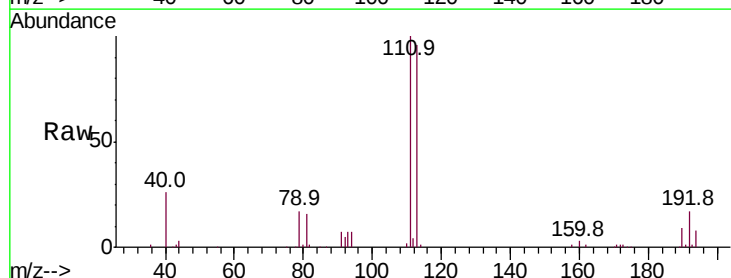
Tgt Ion:113 Resp: 152235

Ion Ratio Lower Upper

113 100

111 104.5 80.8 121.2

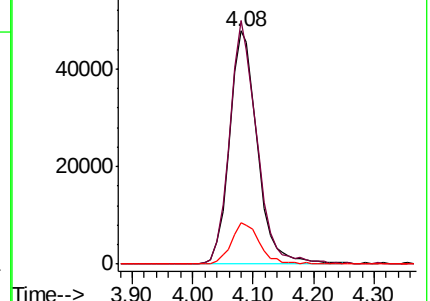
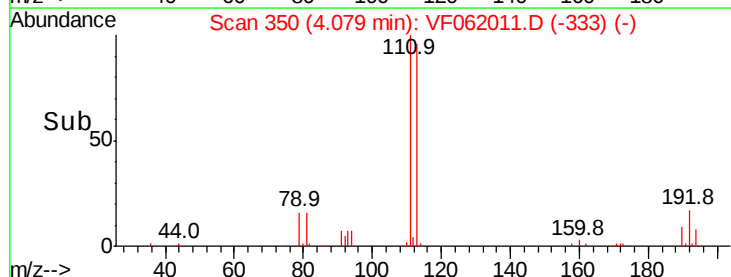
192 18.0 13.0 19.6

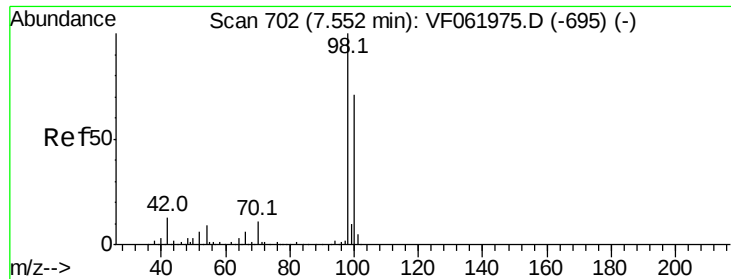


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 47.019 ug/l

RT: 7.52 min Scan# 699

Delta R.T. -0.03 min

Lab File: VF062011.D

Acq: 19 Mar 2019 11:45

Instrument :

MSVOA_F

ClientSampleId :

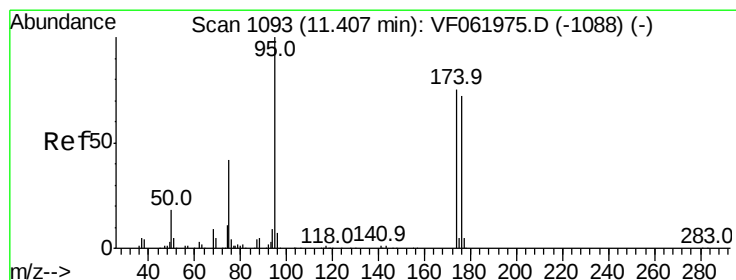
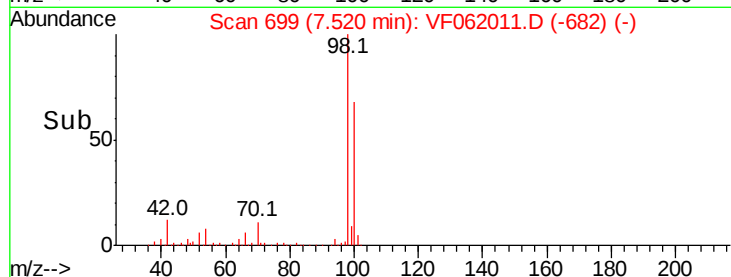
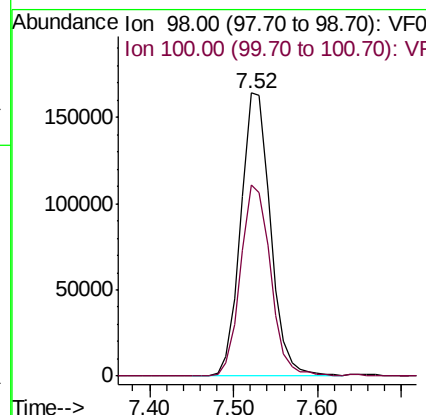
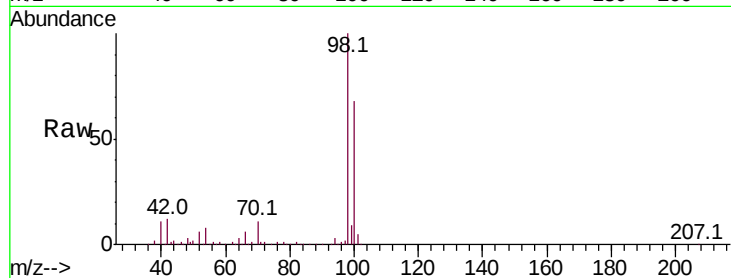
VF0319SBL01

Tot Ion: 98 Resp: 405975

Ion Ratio Lower Upper

98 100

100 67.5 56.8 85.2



#62

4-Bromofluorobenzene

Concen: 52.437 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF062011.D

Acq: 19 Mar 2019 11:45

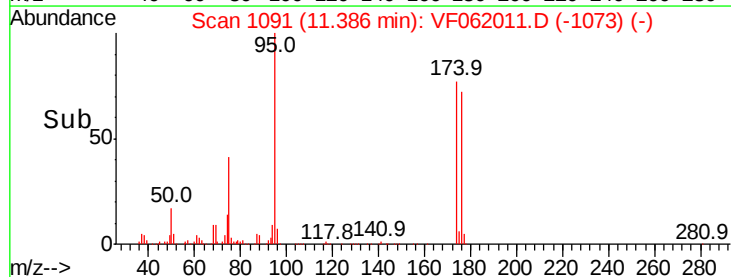
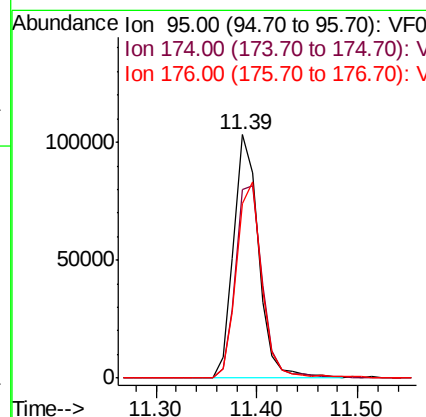
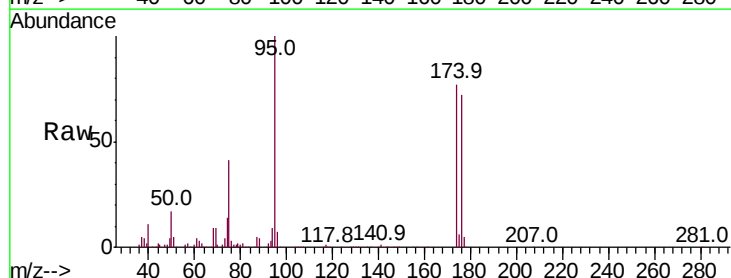
Tgt Ion: 95 Resp: 179864

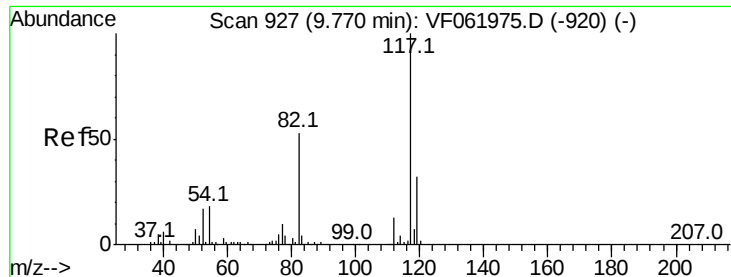
Ion Ratio Lower Upper

95 100

174 77.4 0.0 149.4

176 71.6 0.0 143.4

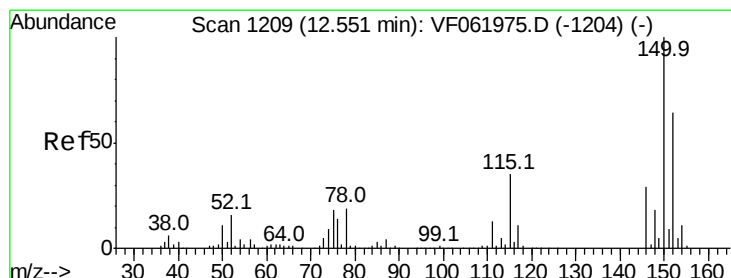
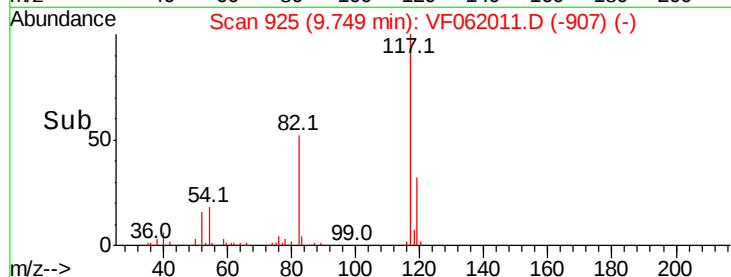
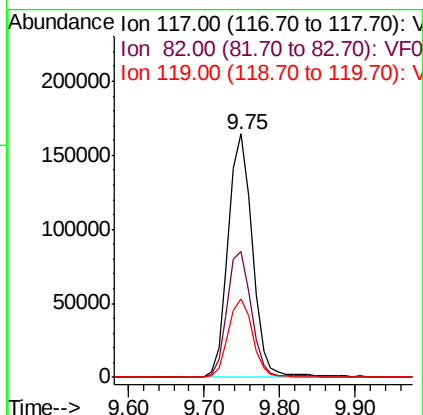
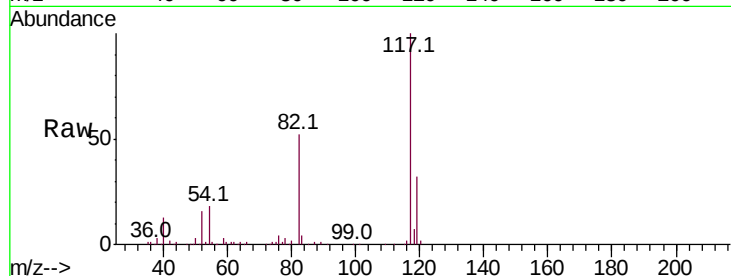




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062011.D
Acq: 19 Mar 2019 11:45

Instrument :
MSVOA_F
ClientSampleId :
VF0319SBL01

Tot Ion:117 Resp: 366820
Ion Ratio Lower Upper
117 100
82 51.6 42.5 63.7
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062011.D
Acq: 19 Mar 2019 11:45

Tgt Ion:152 Resp: 202089
Ion Ratio Lower Upper
152 100
115 56.4 27.3 81.9
150 156.1 0.0 316.2

