

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062199.D
 Acq On : 18 Apr 2019 11:42
 Operator : FY/SY
 Sample : VF0418SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0418SBL01

Quant Time: Apr 19 10:52:12 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 07:43:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	497962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	759876	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	565253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	353457	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	236997	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	4.31	113	315821	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	7.71	98	763337	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
62) 4-Bromofluorobenzene	11.49	95	333241	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	

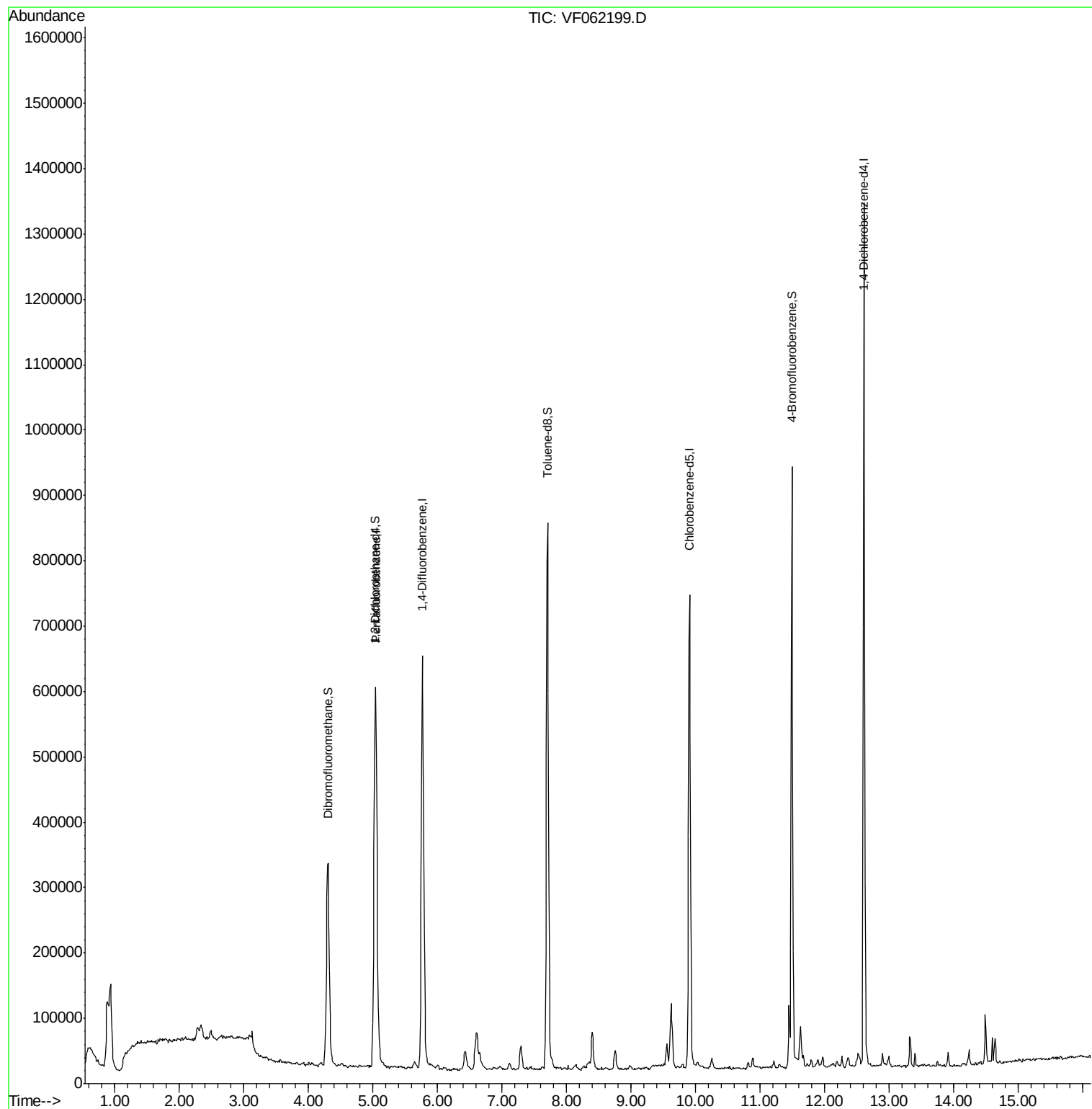
Target Compounds	Qvalue

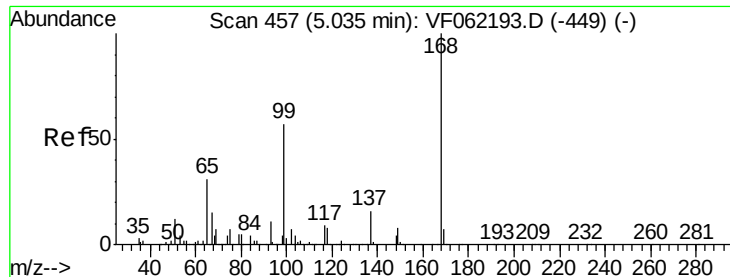
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062199.D

Acq: 18 Apr 2019 11:42

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MSVOA_F

ClientSampleId :

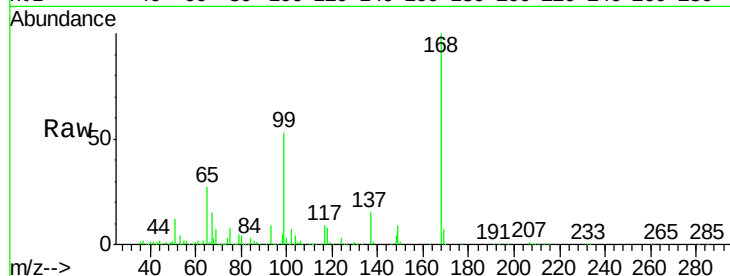
VF0418SBL01

Tot Ion:168 Resp: 497962

Ion Ratio Lower Upper

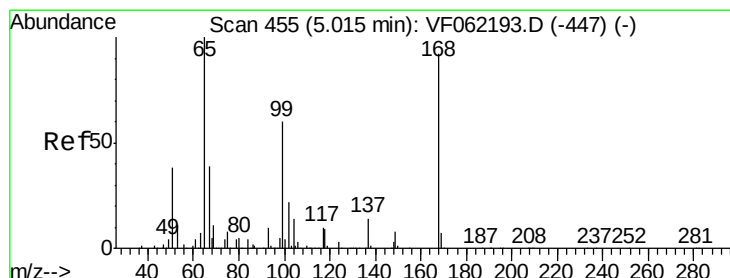
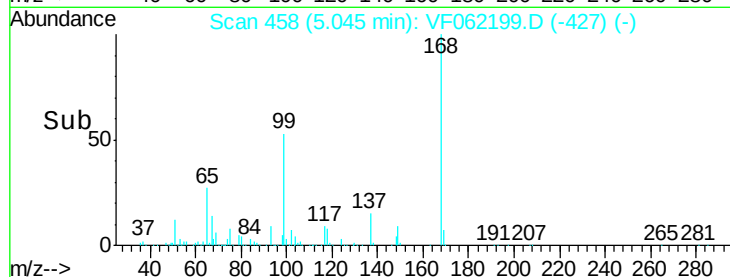
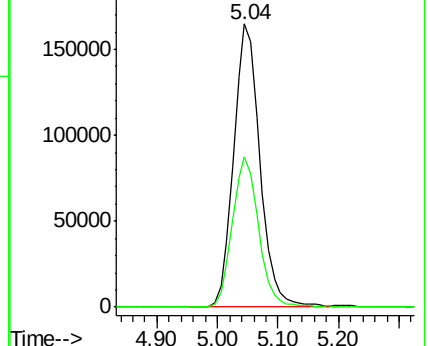
168 100

99 53.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 51.904 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF062199.D

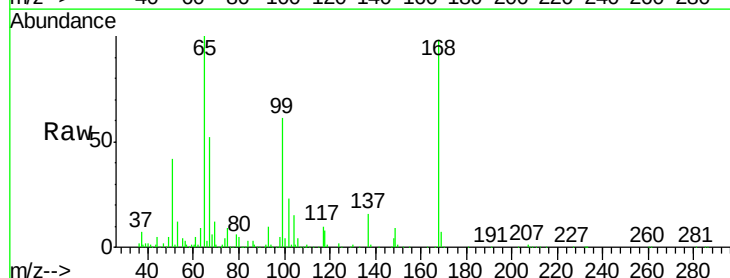
Acq: 18 Apr 2019 11:42

Tgt Ion: 65 Resp: 236997

Ion Ratio Lower Upper

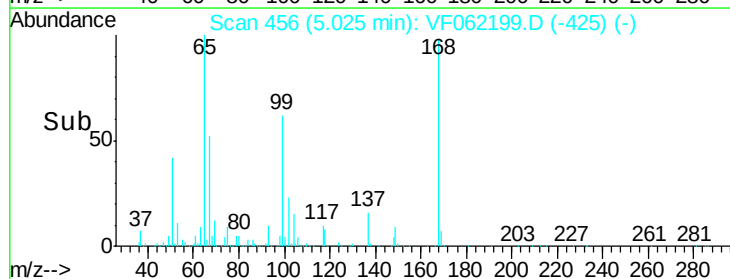
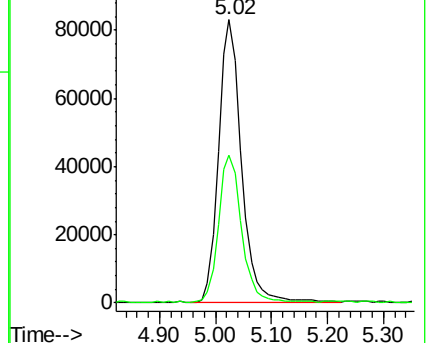
65 100

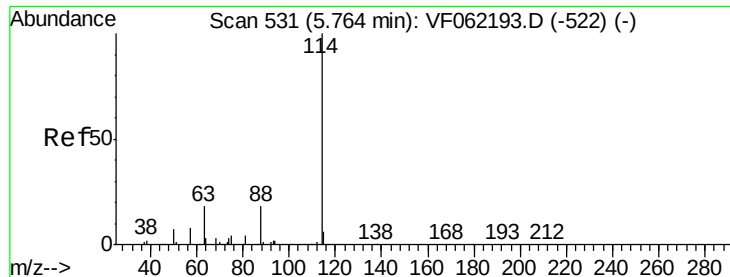
67 51.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF062199.D

Acq: 18 Apr 2019 11:42

Instrument :

MSVOA_F

ClientSampleId :

VF0418SBL01

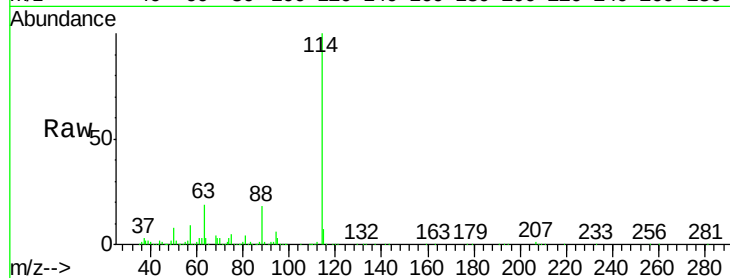
Tot Ion:114 Resp: 759876

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

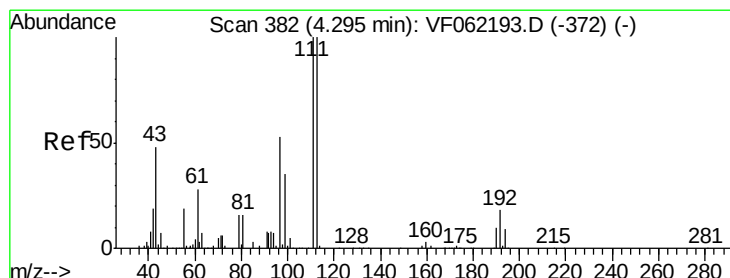
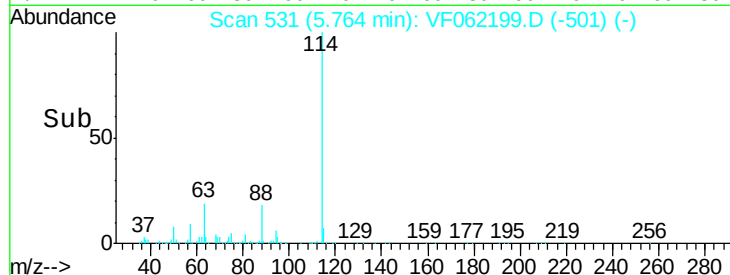
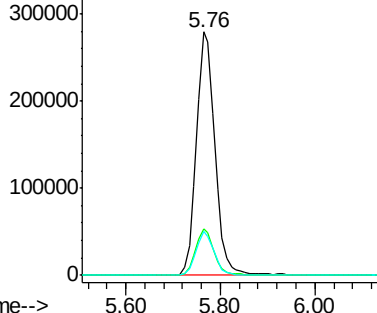
88 18.0 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 47.514 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062199.D

Acq: 18 Apr 2019 11:42

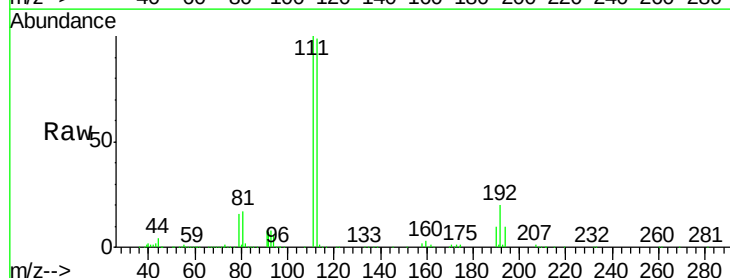
Tgt Ion:113 Resp: 315821

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

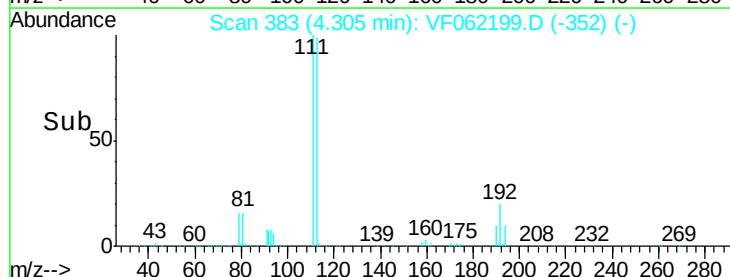
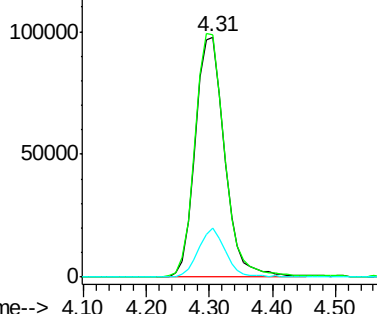
192 19.0 14.7 22.1

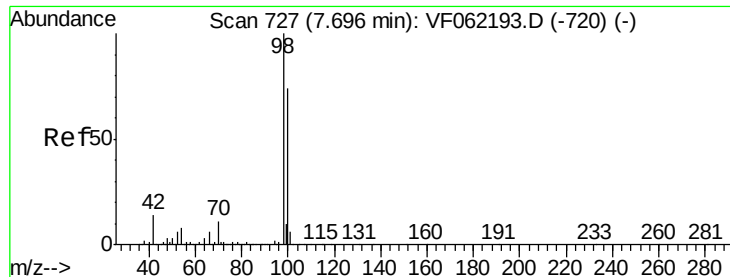


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

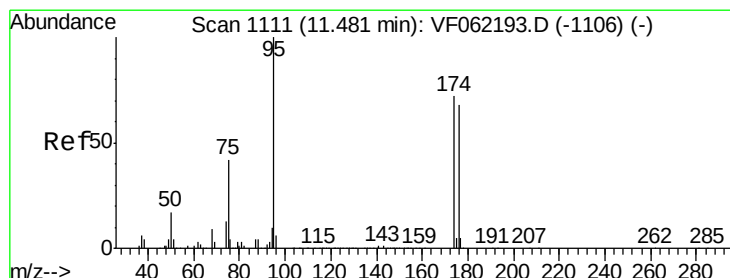
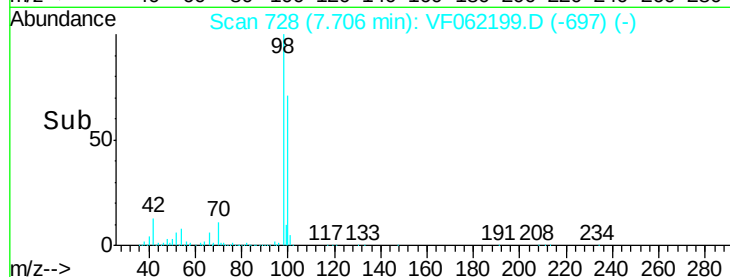
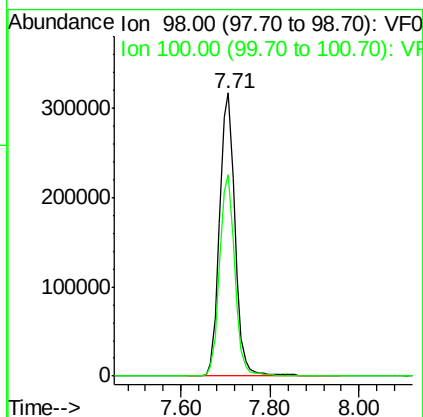
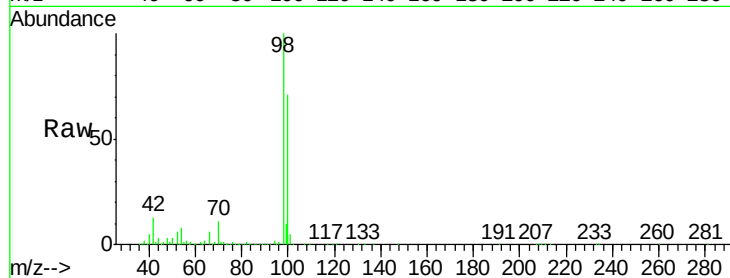




#50
Toluene-d8
Concen: 45.367 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062199.D
Acq: 18 Apr 2019 11:42

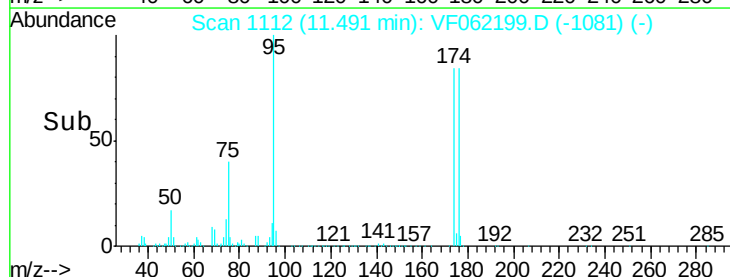
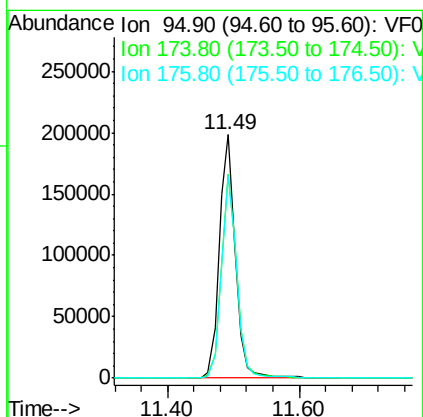
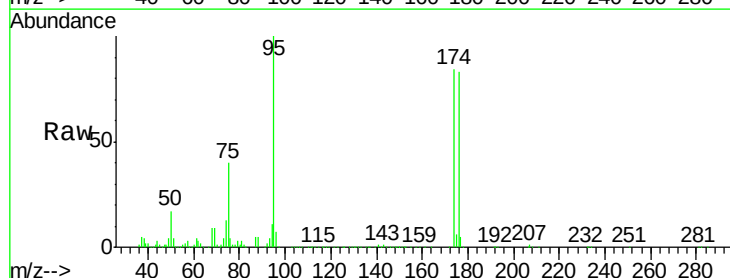
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VF0418SBL01

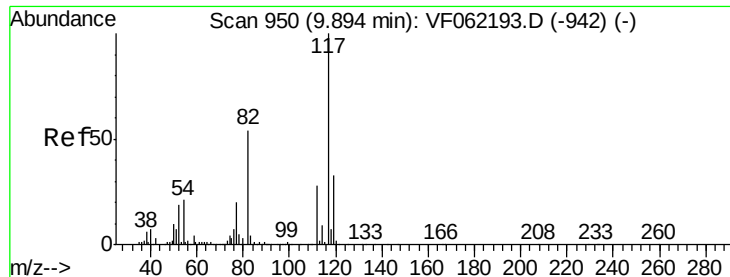
Tot Ion: 98 Resp: 763337
Ion Ratio Lower Upper
98 100
100 70.0 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 51.484 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062199.D
Acq: 18 Apr 2019 11:42

Tgt Ion: 95 Resp: 333241
Ion Ratio Lower Upper
95 100
174 82.1 0.0 159.4
176 81.1 0.0 155.4

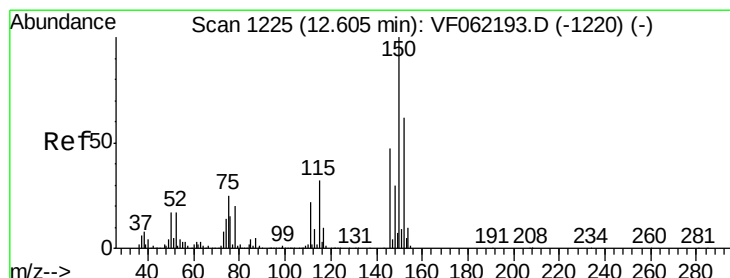
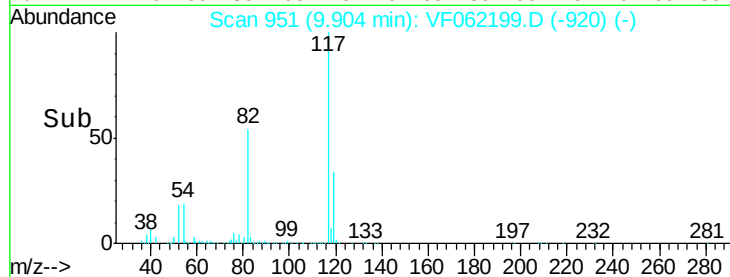
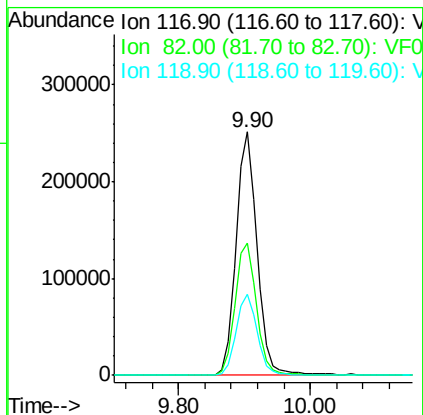
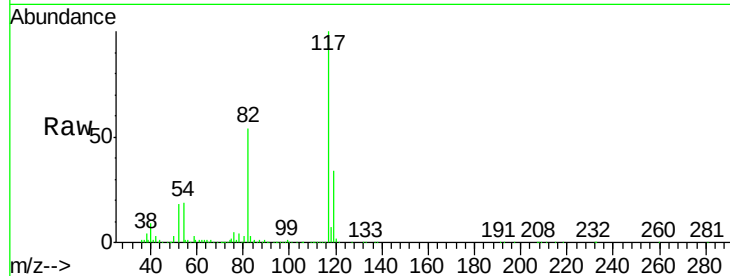




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062199.D
Acq: 18 Apr 2019 11:42

Instrument :
MSVOA_F
ClientSampleId :
VF0418SBL01

Tot Ion:117 Resp: 565253
Ion Ratio Lower Upper
117 100
82 54.3 43.2 64.8
119 33.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VF062199.D
Acq: 18 Apr 2019 11:42

Tgt Ion:152 Resp: 353457
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.3
150 152.2 0.0 341.8

