

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051519\
 Data File : VF062604.D
 Acq On : 15 May 2019 12:56
 Operator : FY/SY
 Sample : VF0515SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0515SBL01

Quant Time: May 15 15:37:58 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	685527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1145952	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	869996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	389315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	244072	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	4.33	113	433348	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	7.73	98	942912	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.50	95	347303	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	

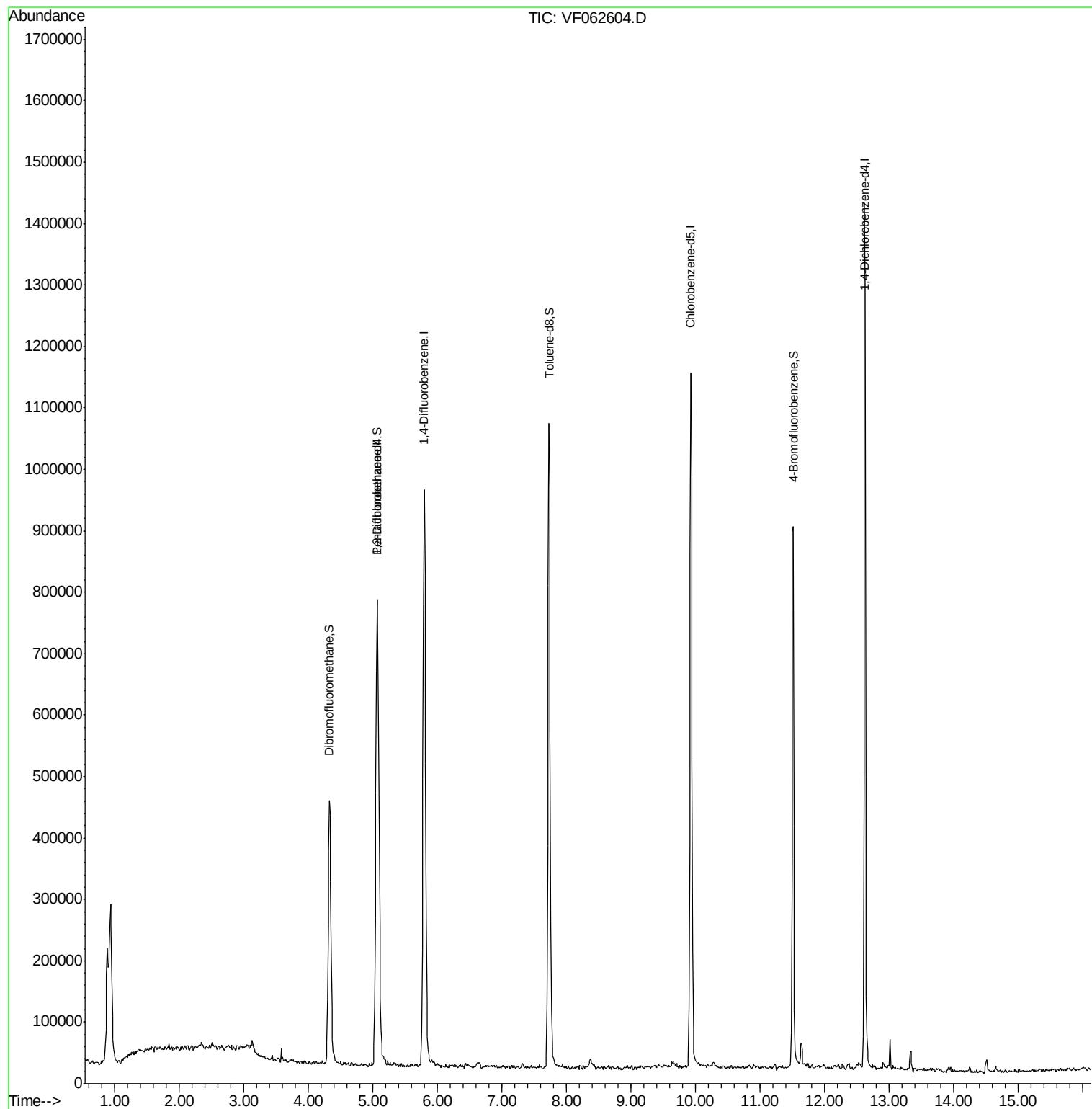
Target Compounds Qvalue

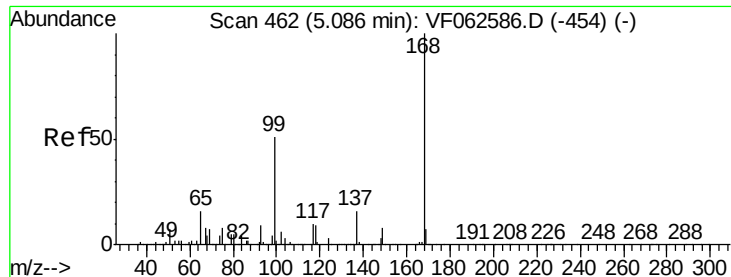
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.01 min

Lab File: VF062604.D

Acq: 15 May 2019 12:56

Instrument :

MSVOA_F

ClientSampleId :

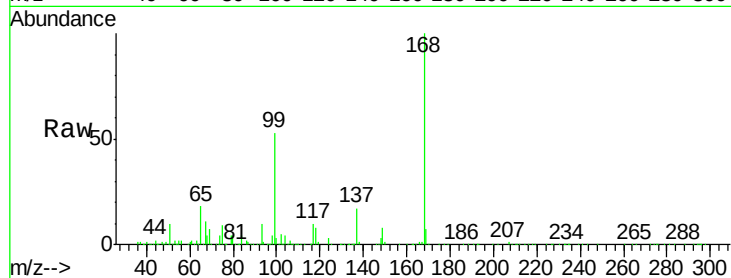
VF0515SBL01

Tot Ion:168 Resp: 685527

Ion Ratio Lower Upper

168 100

99 52.8 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

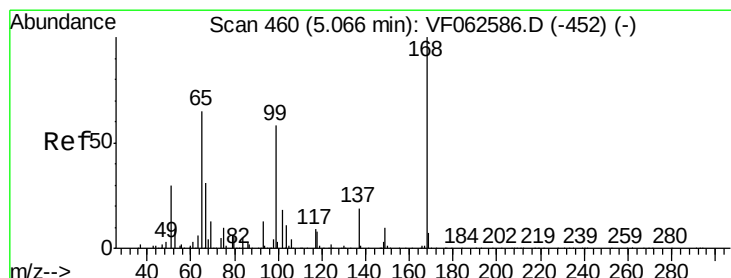
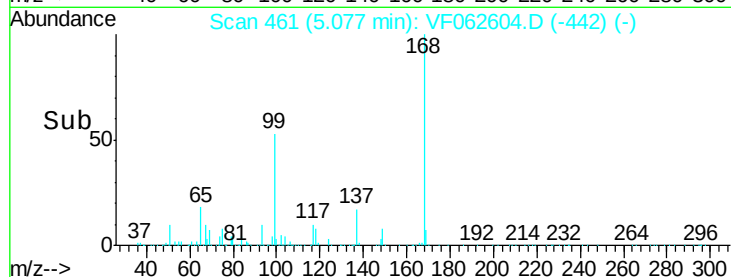
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.129 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062604.D

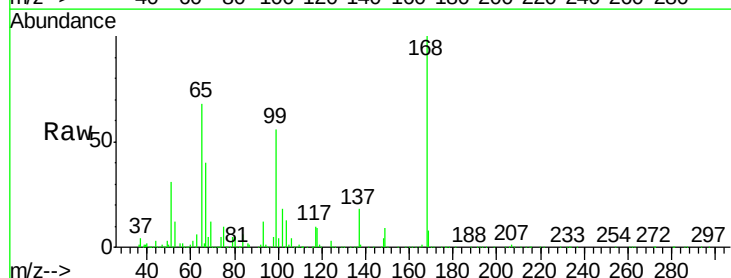
Acq: 15 May 2019 12:56

Tgt Ion: 65 Resp: 244072

Ion Ratio Lower Upper

65 100

67 59.2 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

100000

80000

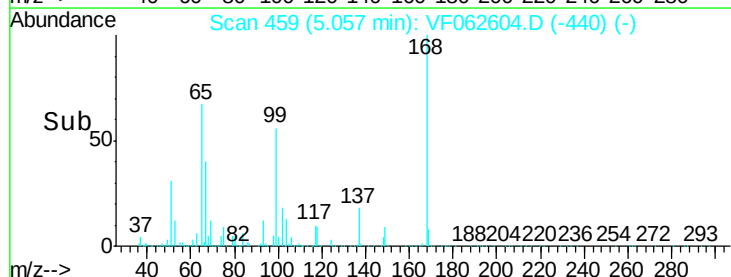
60000

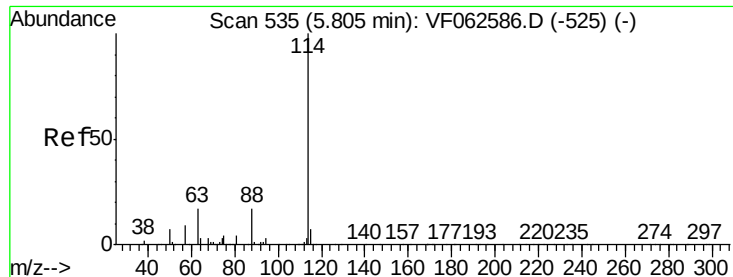
40000

20000

0

Time-->



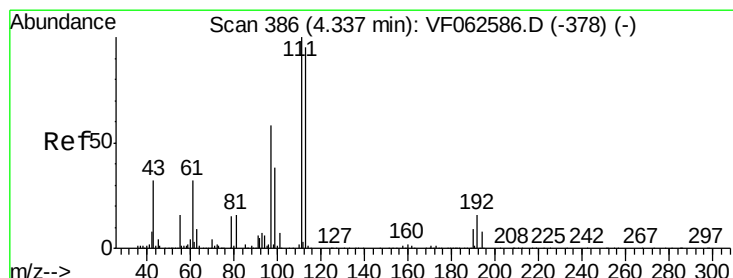
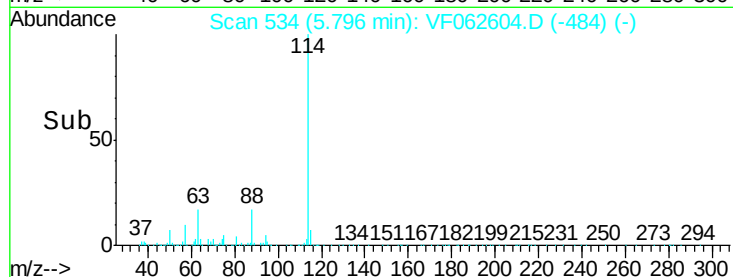
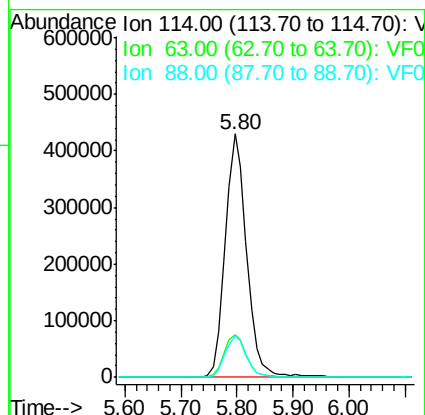
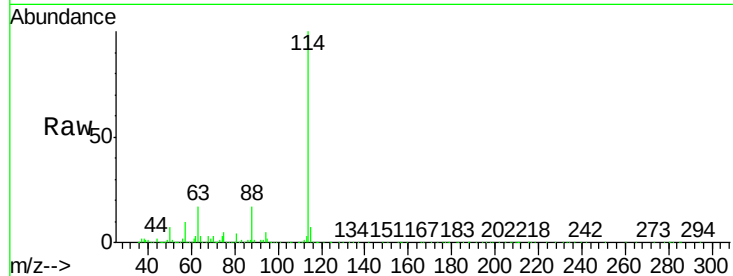


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tot Ion:114 Resp: 1145952

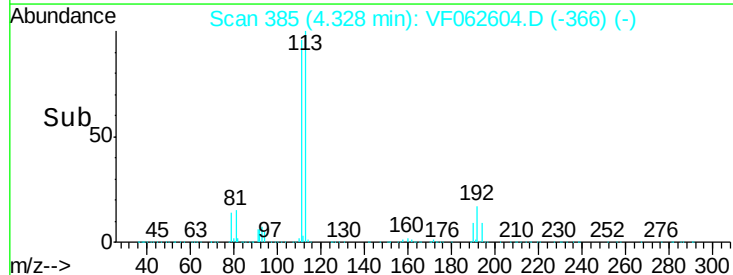
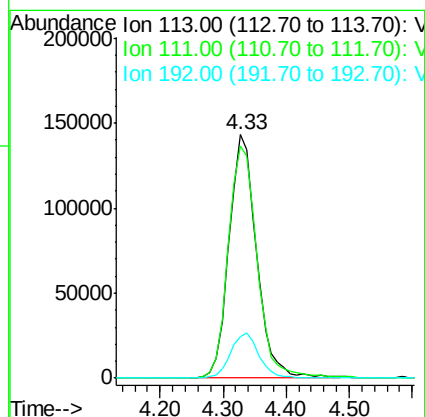
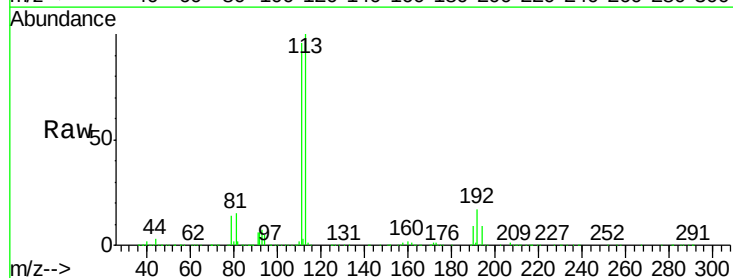
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.6
88	16.9	0.0	33.6

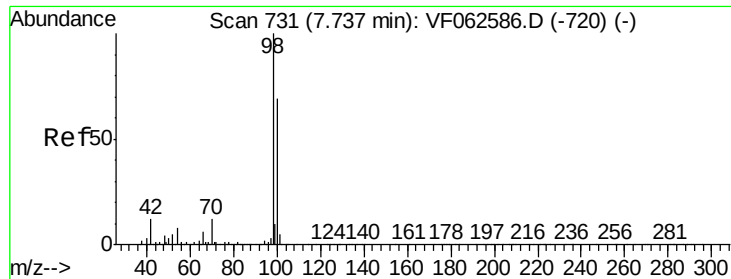


#35
Dibromofluoromethane
Concen: 50.808 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion:113 Resp: 433348

Ion	Ratio	Lower	Upper
113	100		
111	95.6	83.9	125.9
192	16.7	13.7	20.5

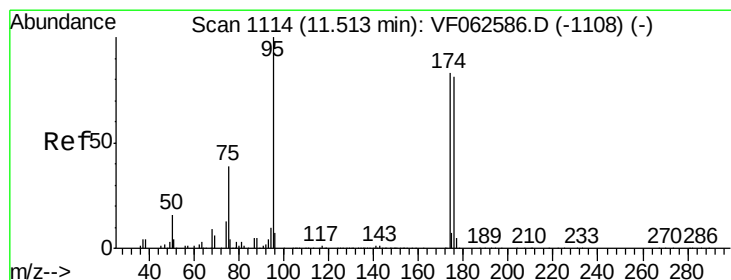
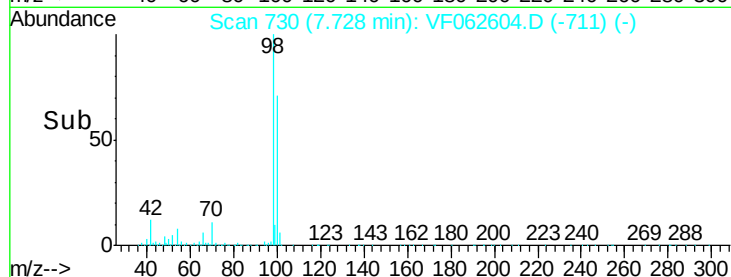
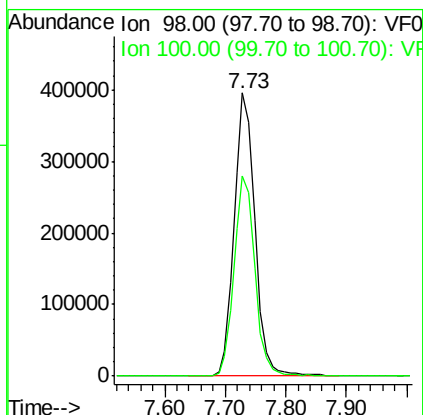
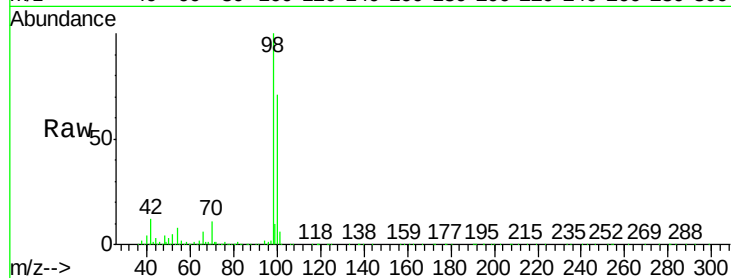




#50
Toluene-d8
Concen: 46.916 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

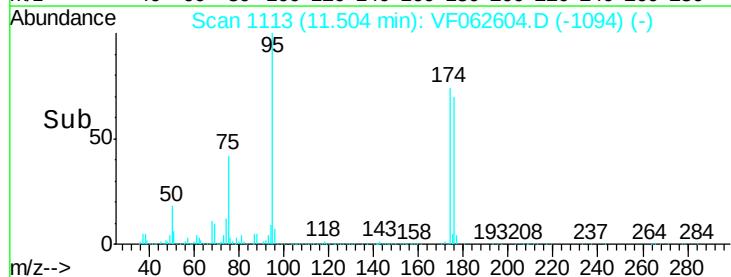
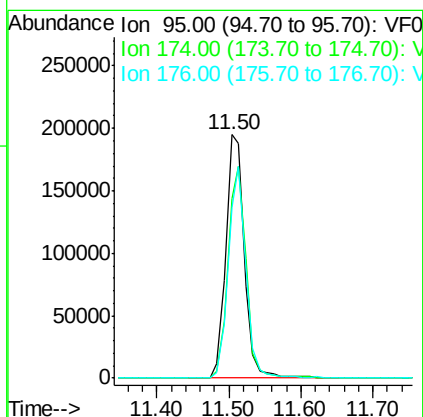
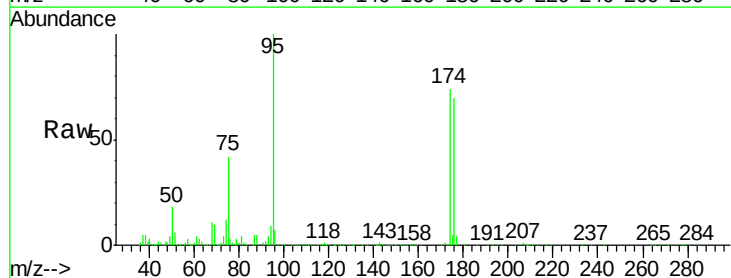
Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

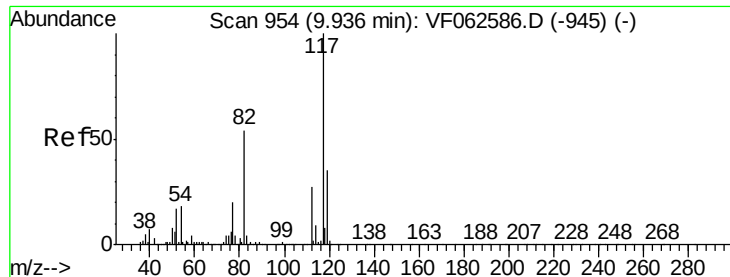
Tot Ion: 98 Resp: 942912
Ion Ratio Lower Upper
98 100
100 70.7 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 49.480 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion: 95 Resp: 347303
Ion Ratio Lower Upper
95 100
174 73.8 0.0 166.6
176 70.0 0.0 161.8

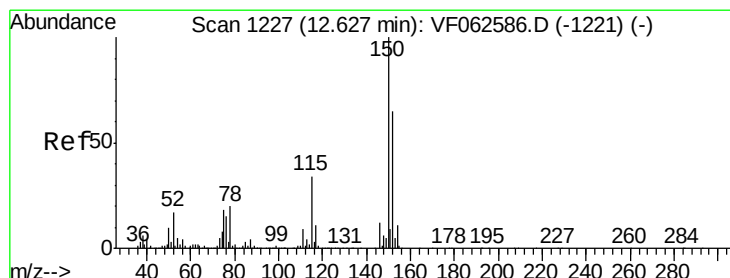
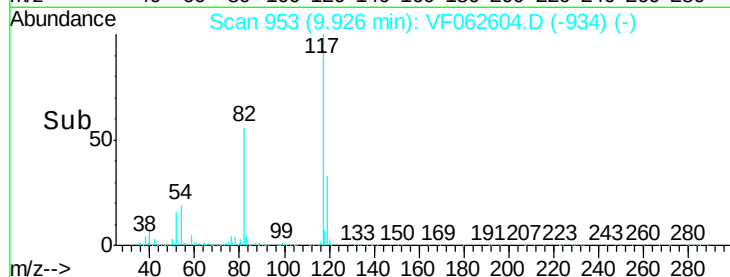
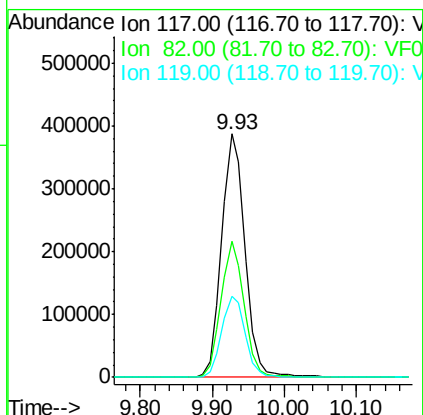
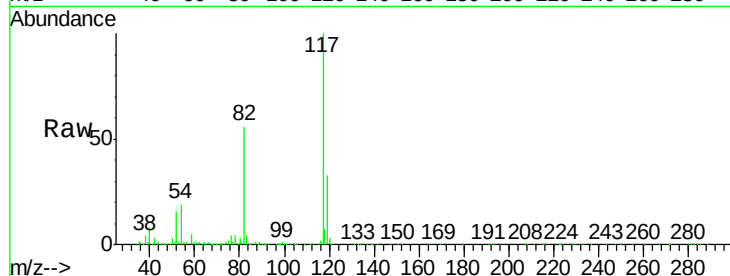




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0515SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.4	65.0
119	33.3	27.7	41.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062604.D
Acq: 15 May 2019 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.1	26.2	78.6
150	157.2	0.0	316.0

