

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
 Data File : VF062910.D
 Acq On : 10 Jun 2019 17:01
 Operator : FY/SY
 Sample : K3273-03RE
 Misc : 5.85g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-1 1.0-1.5 060719RE

Quant Time: Jun 11 01:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	192219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	286657	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	217985	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	79544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	45101	33.93	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	67.86%	
35) Dibromofluoromethane	4.32	113	92360	42.64	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	85.28%	
50) Toluene-d8	7.72	98	216665	39.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	79.10%	
62) 4-Bromofluorobenzene	11.49	95	68944	34.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	69.98%	

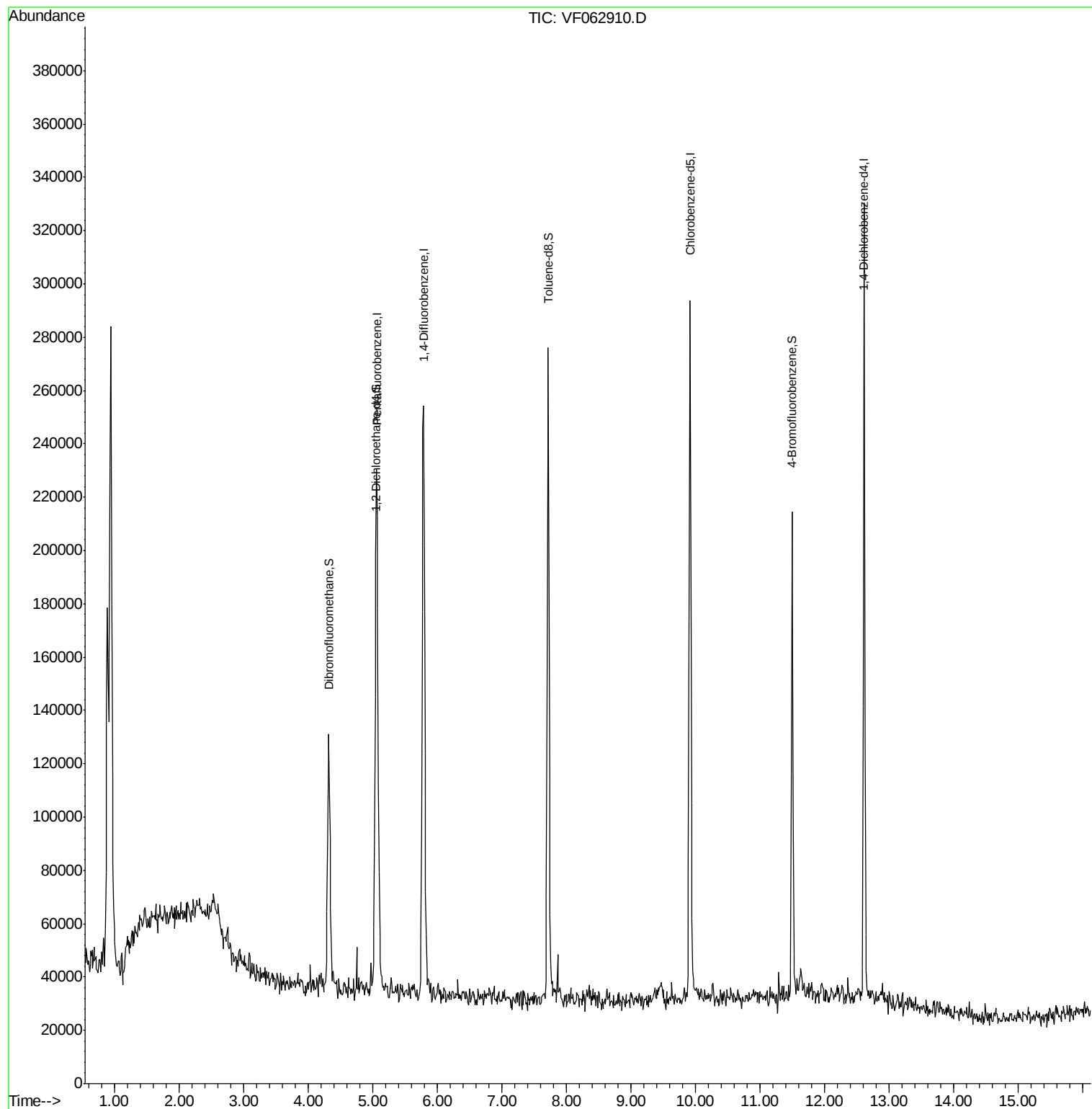
Target Compounds	Qvalue

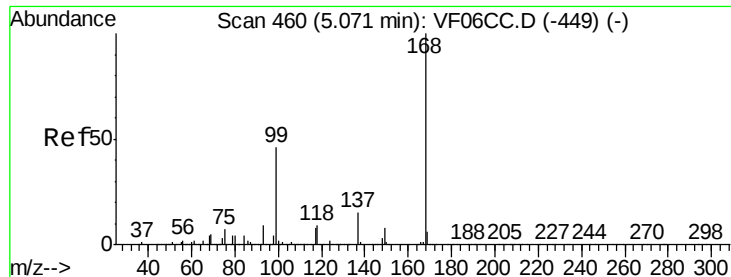
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061019\
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-1_1.0-1.5_060719RE

Quant Time: Jun 11 01:53:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062910.D

Acq: 10 Jun 2019 17:01

Instrument :

MSVOA_F

ClientSampleId :

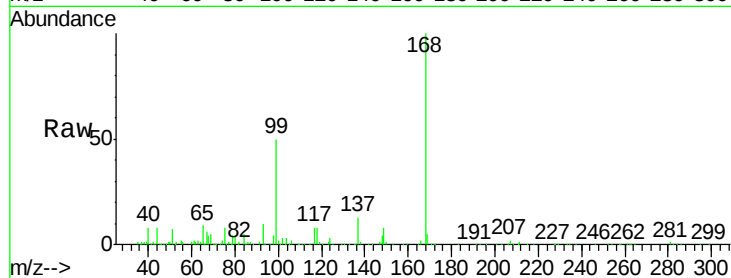
SB-1 1.0-1.5 060719RE

Tot Ion:168 Resp: 192219

Ion Ratio Lower Upper

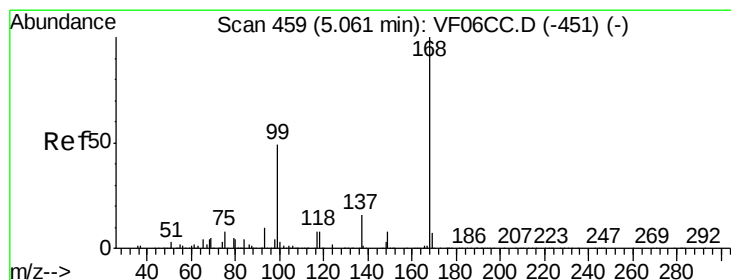
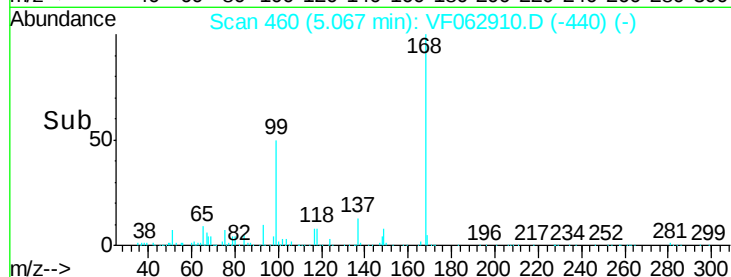
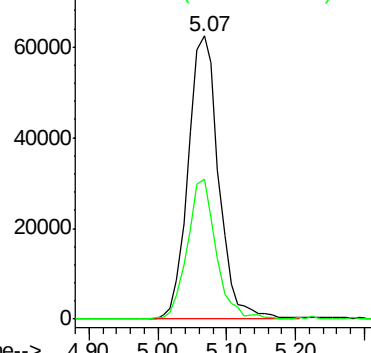
168 100

99 49.7 39.1 58.7



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: 33.931 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062910.D

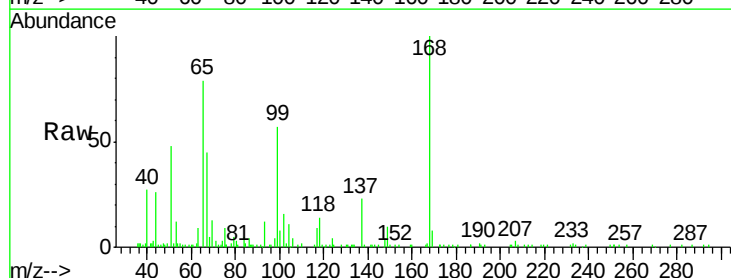
Acq: 10 Jun 2019 17:01

Tgt Ion: 65 Resp: 45101

Ion Ratio Lower Upper

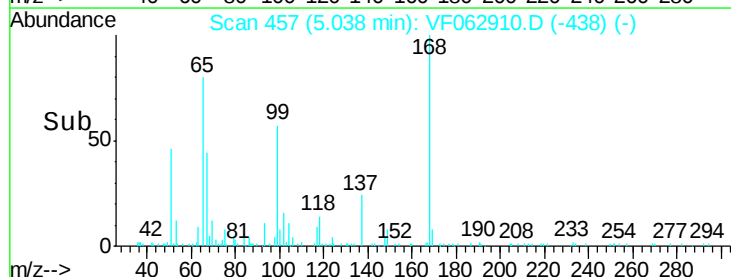
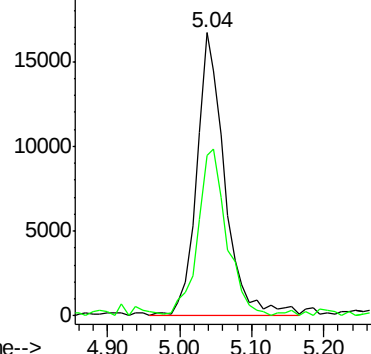
65 100

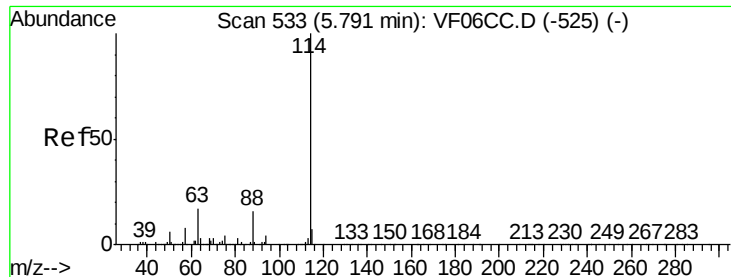
67 56.7 0.0 121.2



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: 5.79 min Scan# 533

Delta R.T. -0.02 min

Lab File: VF062910.D

Acq: 10 Jun 2019 17:01

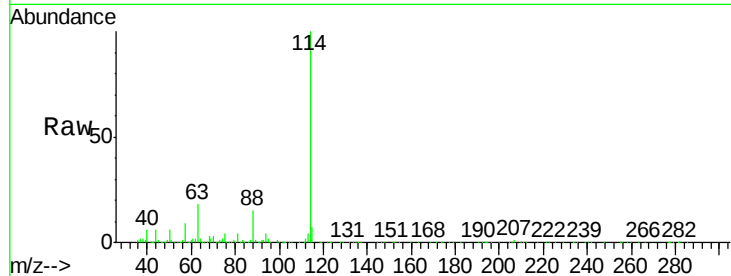
Instrument :

MSVOA_F

ClientSampleId :

SB-1 1.0-1.5 060719RE

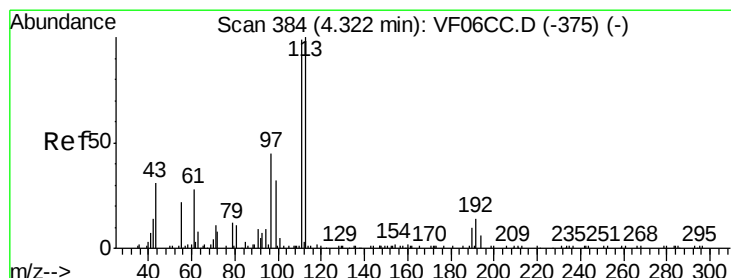
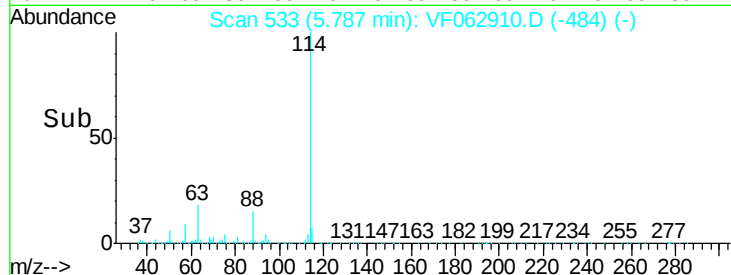
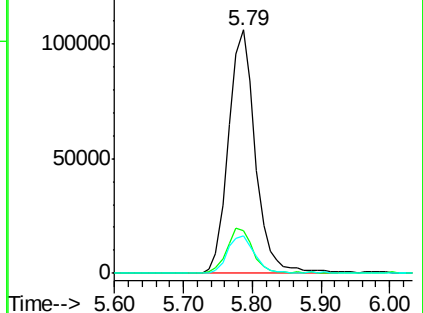
Tot Ion:	114	Resp:	286657
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.2
88	15.5	0.0	31.2



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: 42.638 ug/l

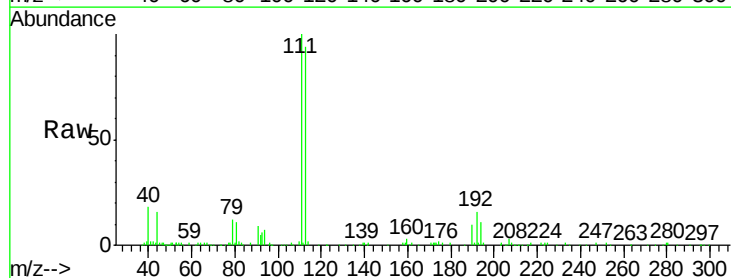
RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062910.D

Acq: 10 Jun 2019 17:01

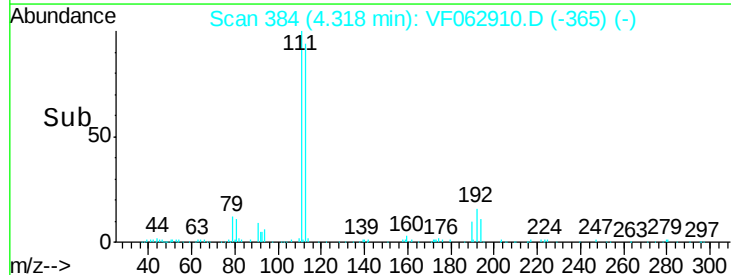
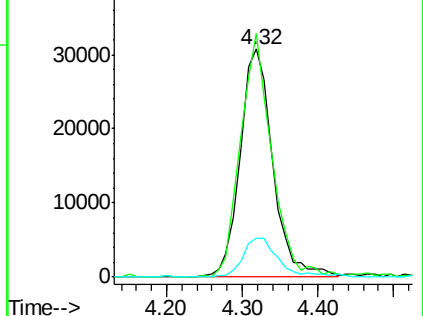
Tgt Ion:	113	Resp:	92360
Ion	Ratio	Lower	Upper
113	100		
111	106.8	81.9	122.9
192	17.0	15.1	22.7

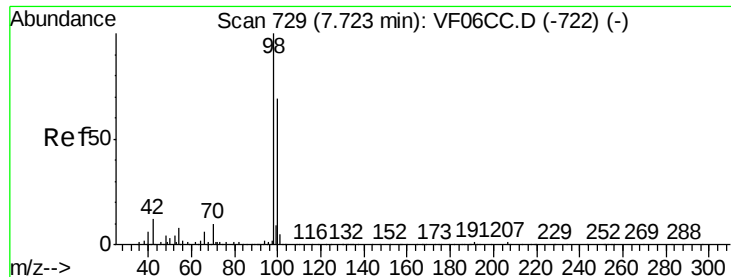


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.554 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.02 min

Lab File: VF062910.D

Acq: 10 Jun 2019 17:01

Instrument :

MSVOA_F

ClientSampleId :

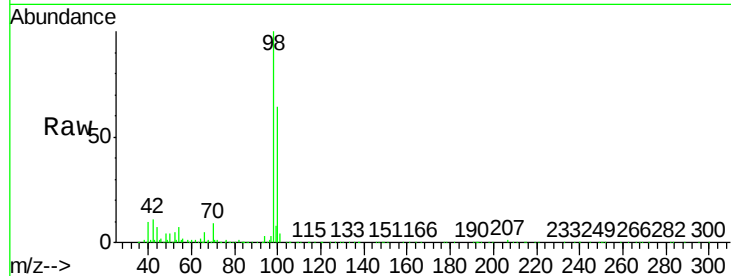
SB-1 1.0-1.5 060719RE

Tot Ion: 98 Resp: 216665

Ion Ratio Lower Upper

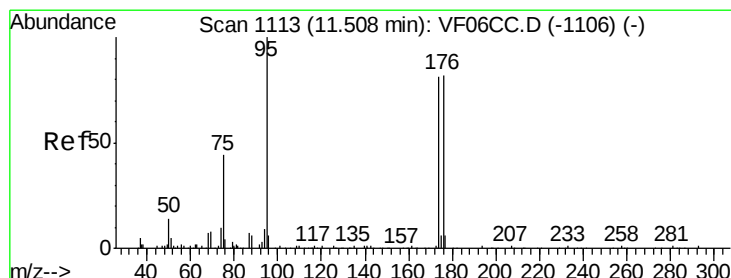
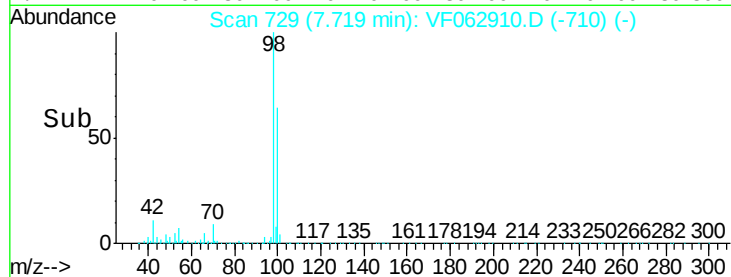
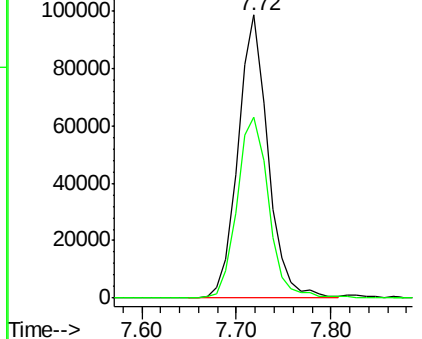
98 100

100 64.0 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 34.990 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062910.D

Acq: 10 Jun 2019 17:01

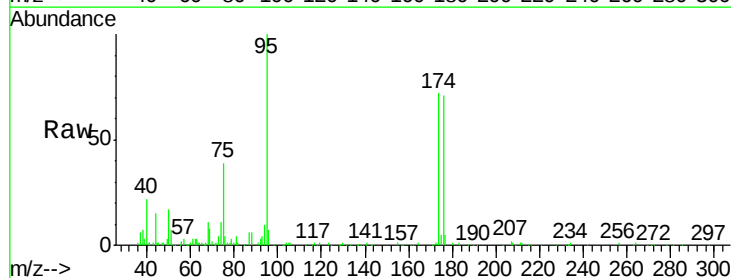
Tgt Ion: 95 Resp: 68944

Ion Ratio Lower Upper

95 100

174 71.9 0.0 170.6

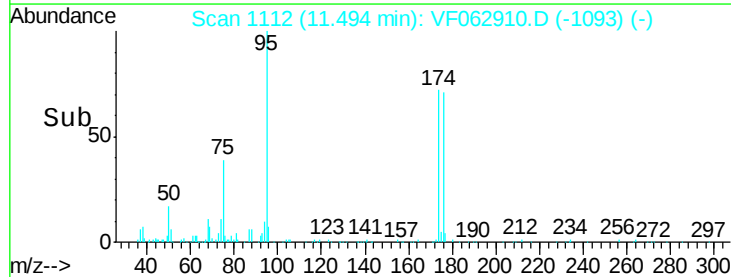
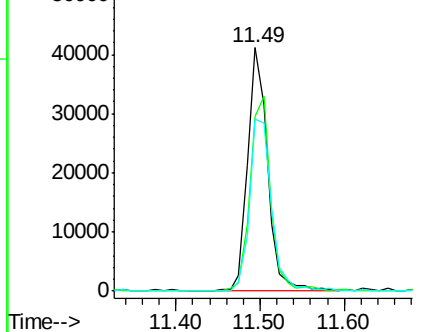
176 70.9 0.0 170.6

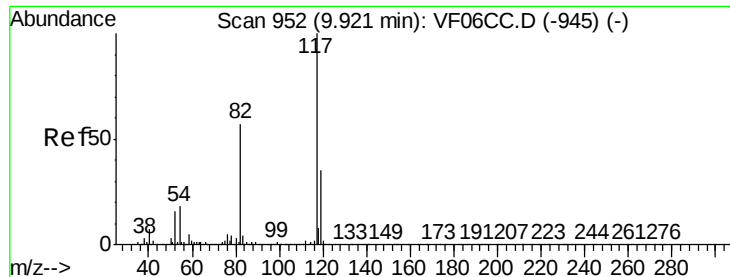


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

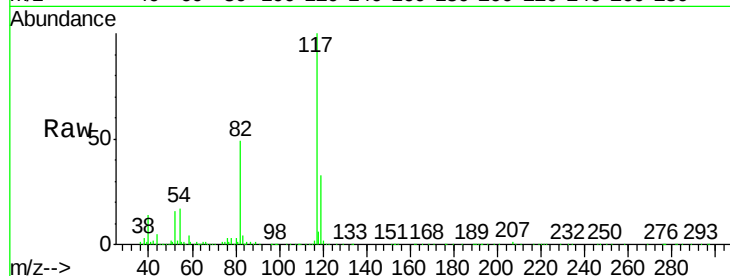




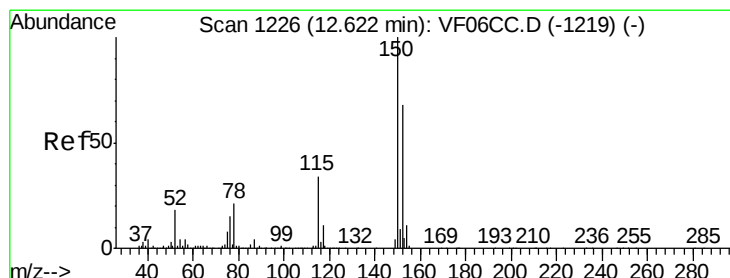
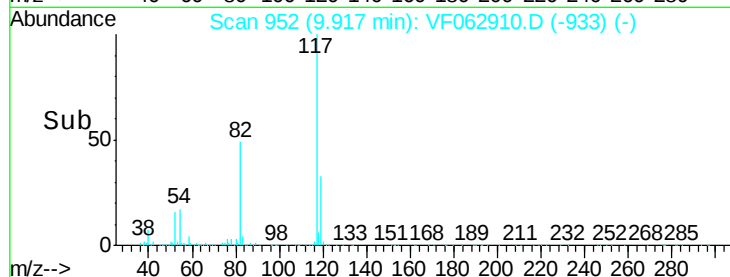
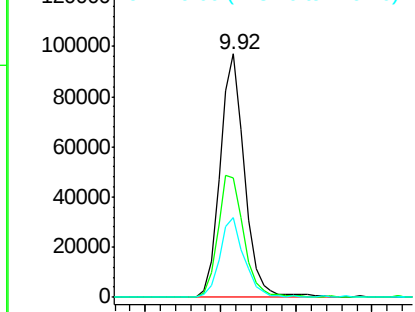
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062910.D
Acq: 10 Jun 2019 17:01

Instrument :
MSVOA_F
ClientSampleId :
SB-1 1.0-1.5 060719RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.4	63.6
119	32.6	27.1	40.7

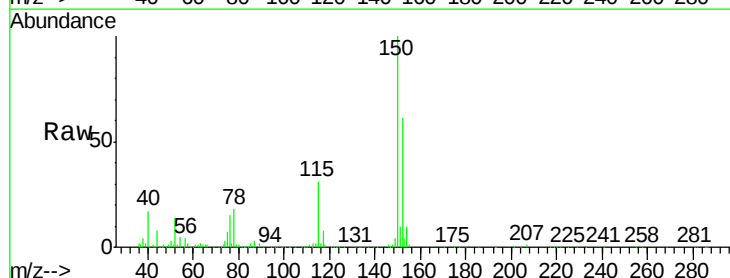


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062910.D
Acq: 10 Jun 2019 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.9	24.6	74.0
150	163.6	0.0	290.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

