

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062664.D
 Acq On : 20 May 2019 16:53
 Operator : FY/SY
 Sample : K2894-13
 Misc : 4.99g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-08-5-6

Quant Time: May 20 17:18:09 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	557023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	810490	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	471115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	154605	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	106415	27.03	ug/l	0.01
Spiked Amount	50.000		Recovery	=	54.06%	
35) Dibromofluoromethane	4.32	113	216466	34.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.80%	
50) Toluene-d8	7.72	98	411933	27.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.64%	
62) 4-Bromofluorobenzene	11.51	95	116431	20.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.46%	

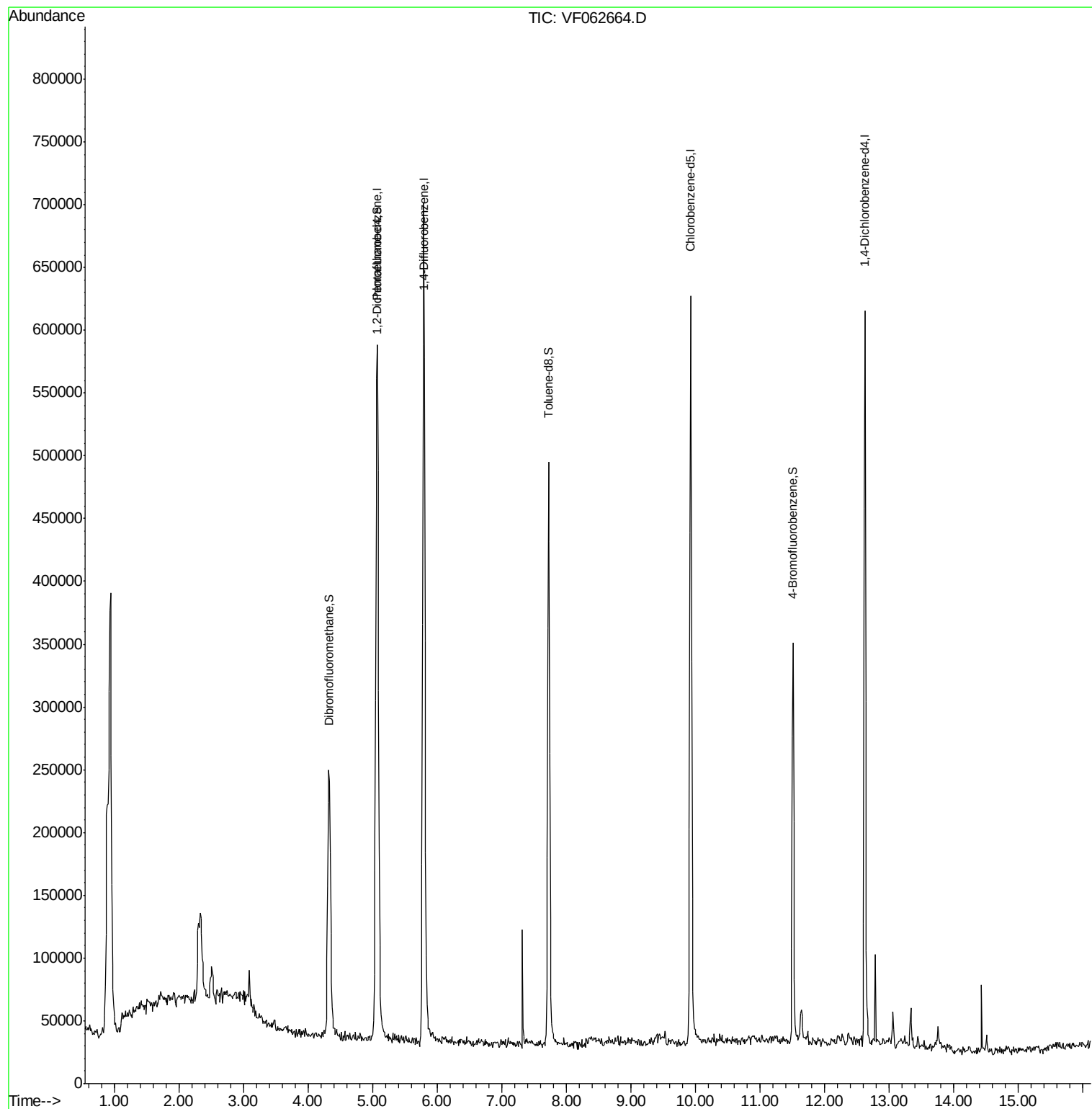
Target Compounds	Qvalue

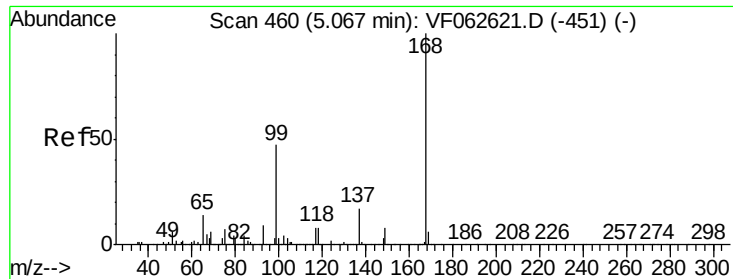
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062664.D

Acq: 20 May 2019 16:53

Instrument :

MSVOA_F

ClientSampleId :

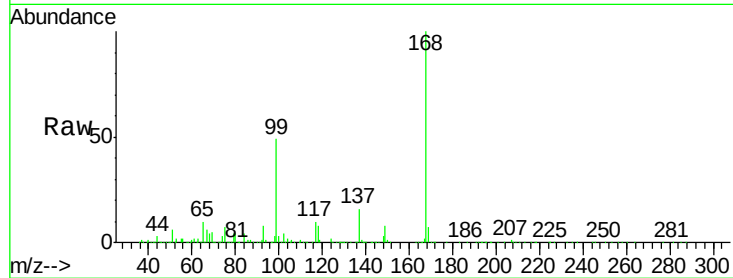
SB-08-5-6

Tot Ion:168 Resp: 557023

Ion Ratio Lower Upper

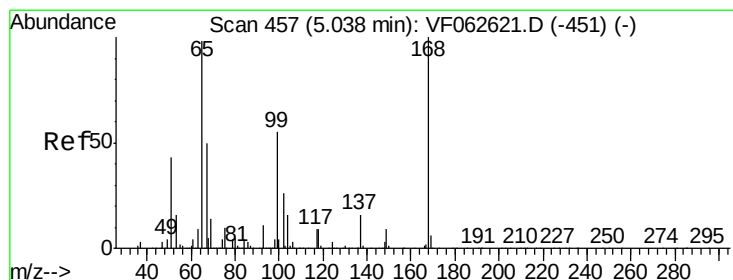
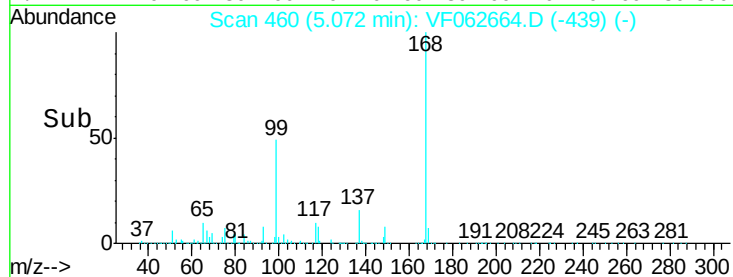
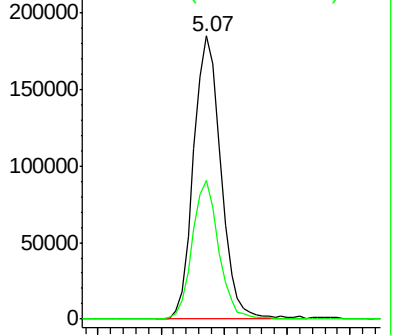
168 100

99 49.2 37.8 56.8



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: 27.035 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062664.D

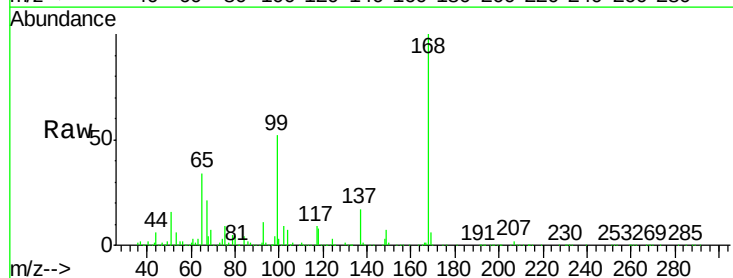
Acq: 20 May 2019 16:53

Tgt Ion: 65 Resp: 106415

Ion Ratio Lower Upper

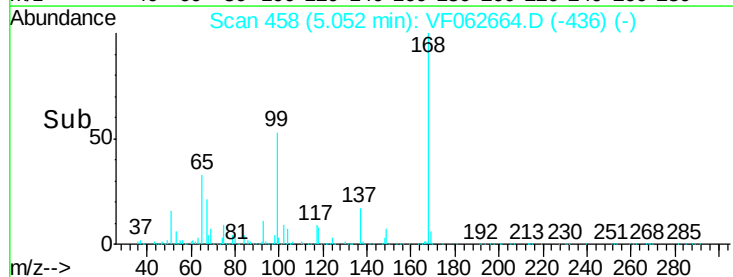
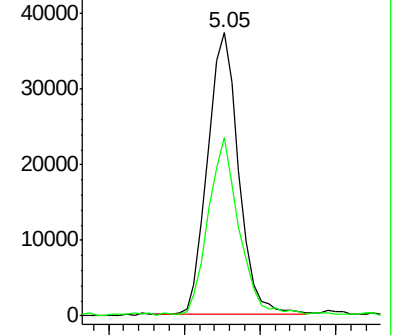
65 100

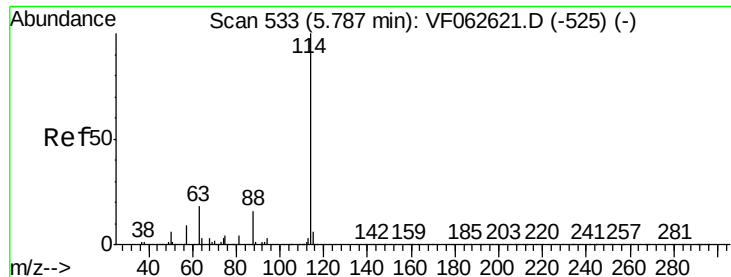
67 63.0 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

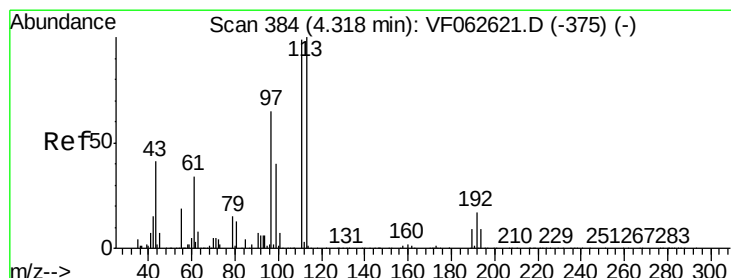
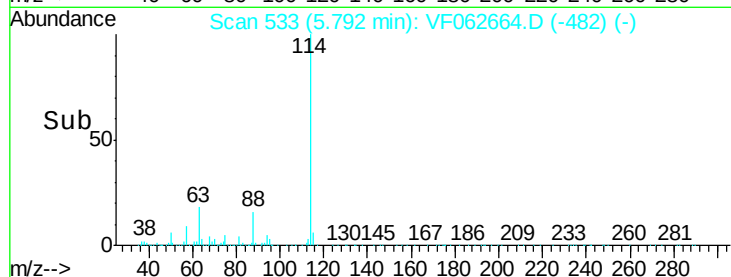
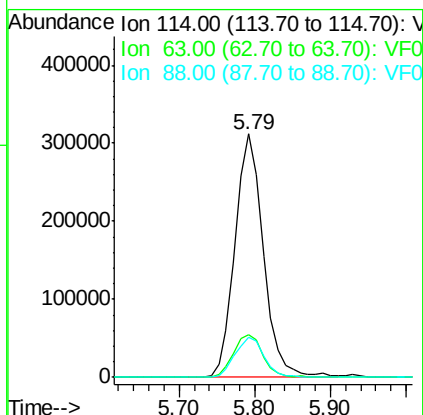
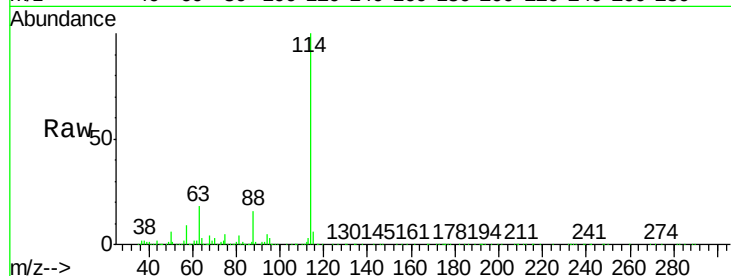




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VF062664.D
 Acq: 20 May 2019 16:53

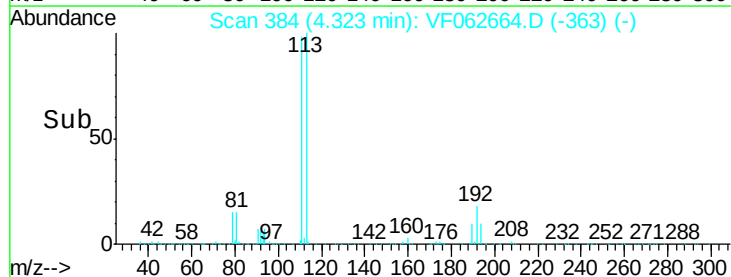
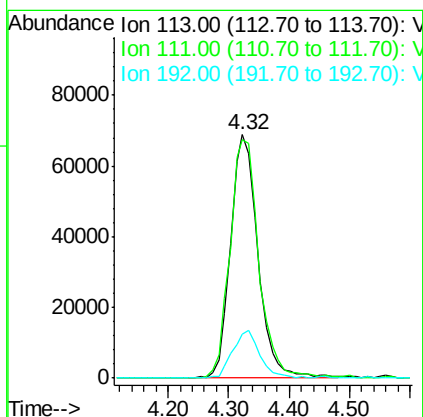
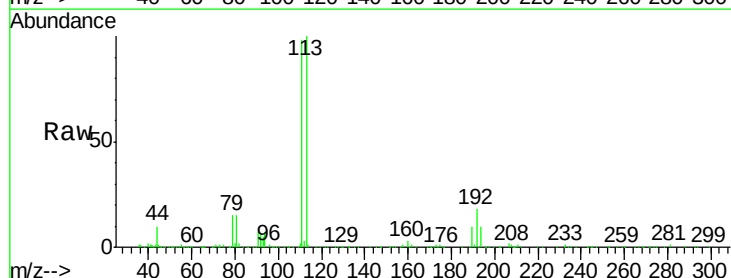
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-08-5-6

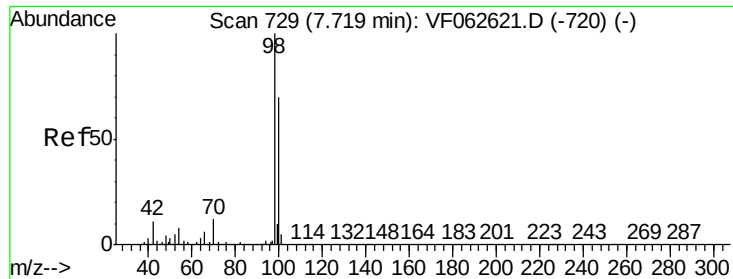
Tot Ion:114 Resp: 810490
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.4
 88 16.4 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 34.903 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VF062664.D
 Acq: 20 May 2019 16:53

Tgt Ion:113 Resp: 216466
 Ion Ratio Lower Upper
 113 100
 111 98.0 79.4 119.2
 192 17.9 13.4 20.2

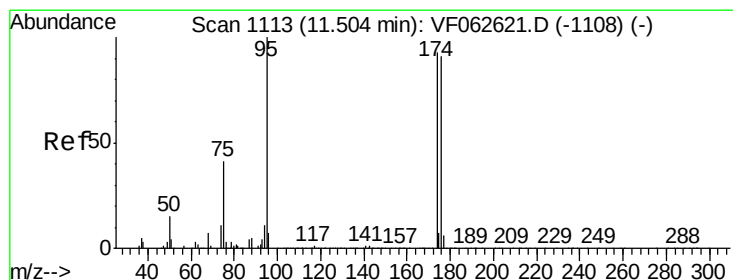
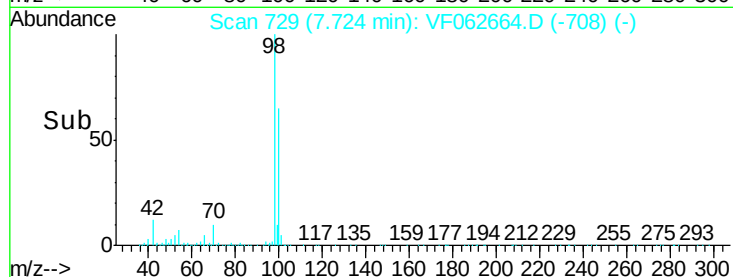
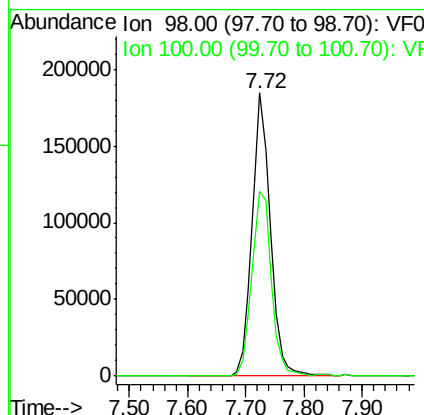
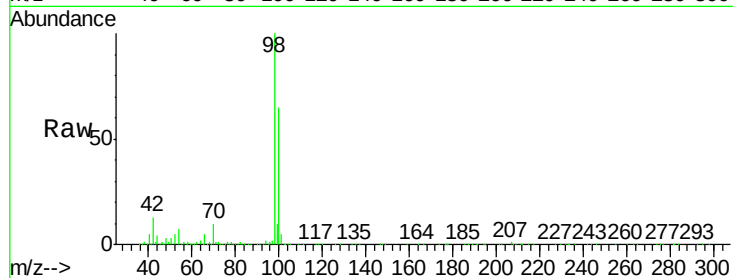




#50
Toluene-d8
Concen: 27.819 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062664.D
Acq: 20 May 2019 16:53

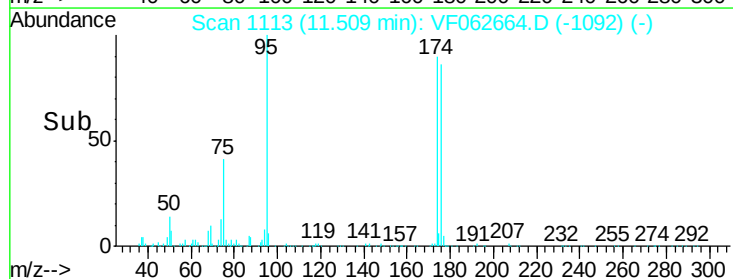
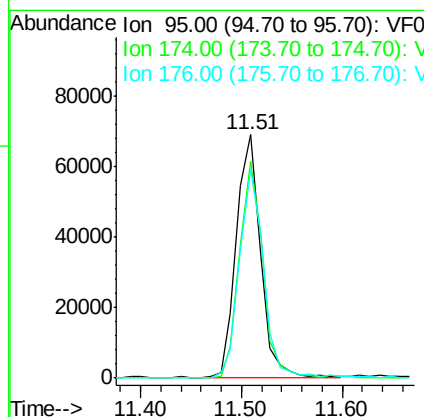
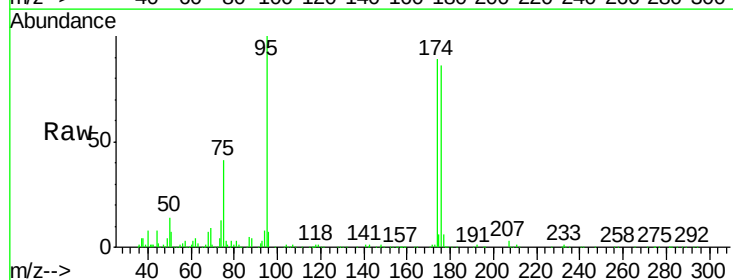
Instrument :
MSVOA_F
ClientSampleId :
SB-08-5-6

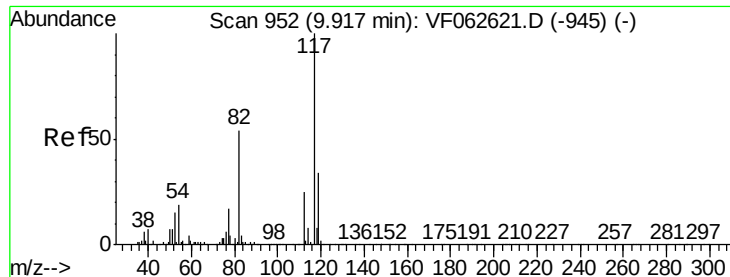
Tot Ion: 98 Resp: 411933
Ion Ratio Lower Upper
98 100
100 65.2 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 20.732 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062664.D
Acq: 20 May 2019 16:53

Tgt Ion: 95 Resp: 116431
Ion Ratio Lower Upper
95 100
174 89.1 0.0 185.6
176 85.6 0.0 182.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF062664.D

Acq: 20 May 2019 16:53

Instrument :

MSVOA_F

ClientSampleId :

SB-08-5-6

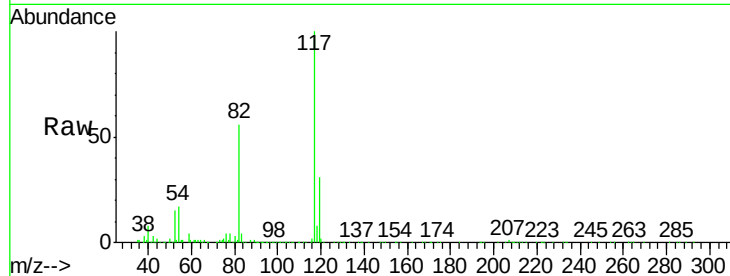
Tot Ion:117 Resp: 471115

Ion Ratio Lower Upper

117 100

82 56.1 43.3 64.9

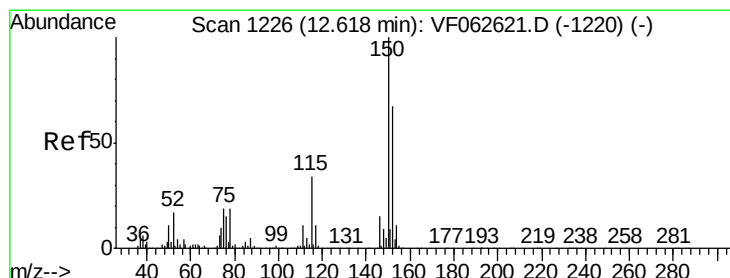
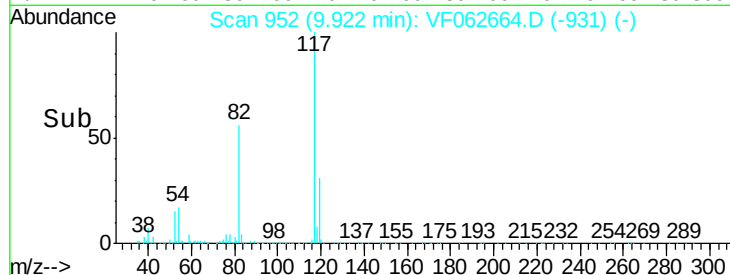
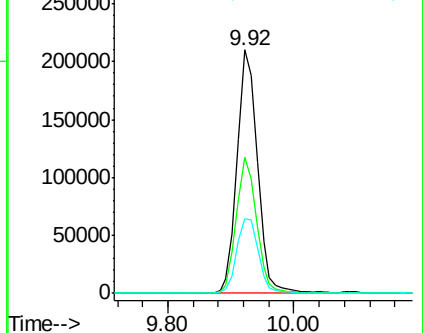
119 30.9 27.4 41.0



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. 0.00 min

Lab File: VF062664.D

Acq: 20 May 2019 16:53

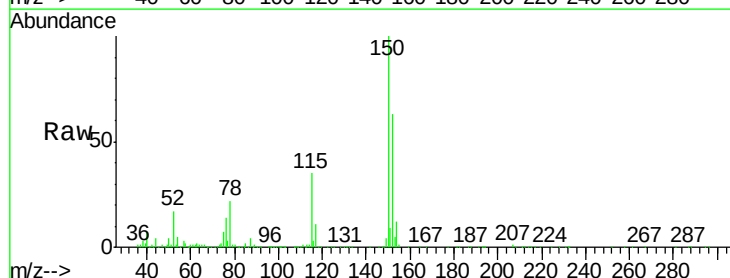
Tgt Ion:152 Resp: 154605

Ion Ratio Lower Upper

152 100

115 55.2 25.2 75.6

150 158.4 0.0 306.2



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

