

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062265.D
 Acq On : 23 Apr 2019 15:54
 Operator : FY/SY
 Sample : K2484-05
 Misc : 7.13g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-1873

Quant Time: Apr 23 16:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	127009	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	113797	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	56551	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	18320	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	10825	9.30	ug/l	0.01
Spiked Amount	50.000		Recovery	=	18.60%	
35) Dibromofluoromethane	4.31	113	20200	20.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	40.58%	
50) Toluene-d8	7.72	98	75391	29.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	59.84%	
62) 4-Bromofluorobenzene	11.50	95	16995	17.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	35.06%	

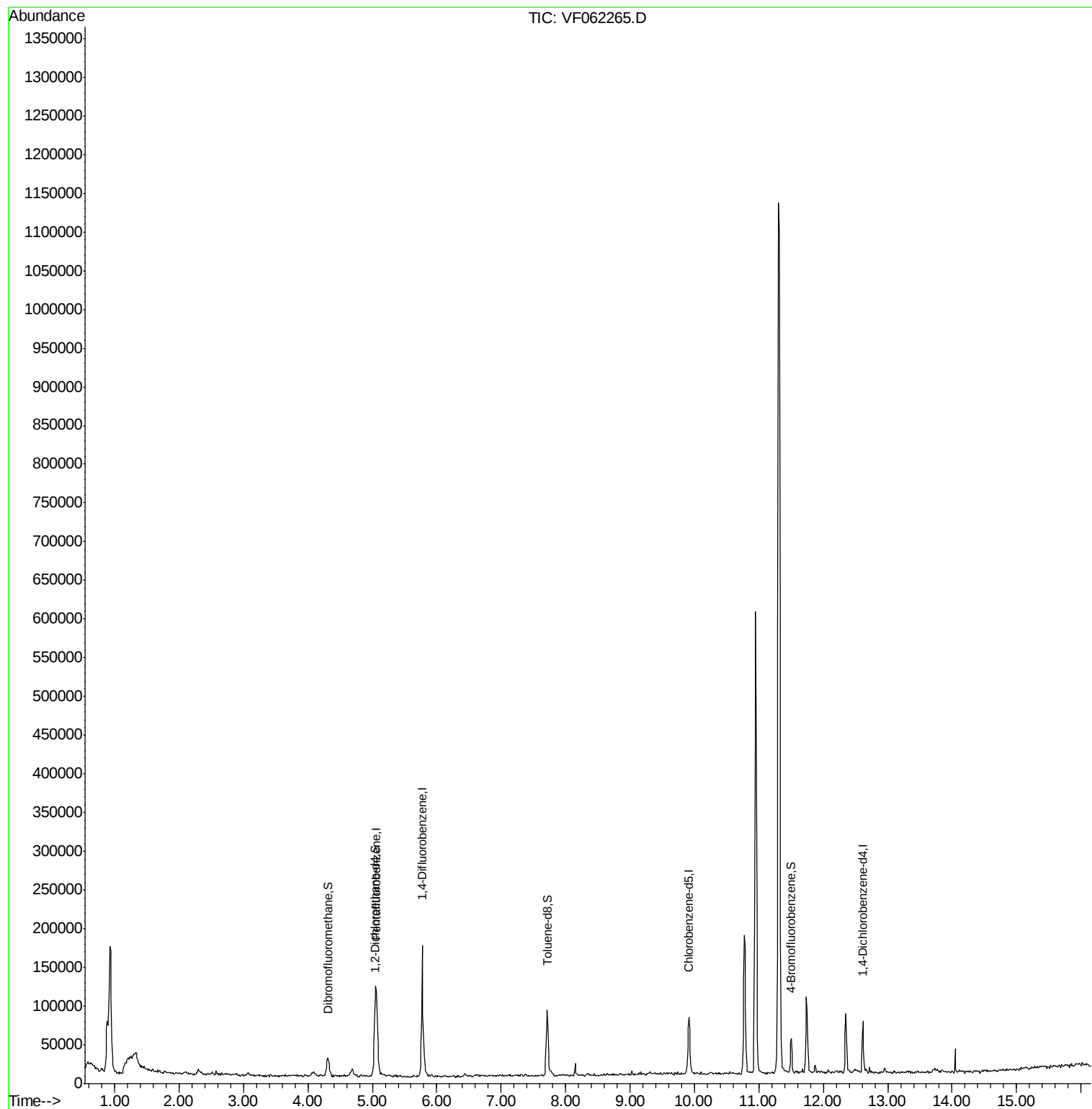
Target Compounds	Qvalue

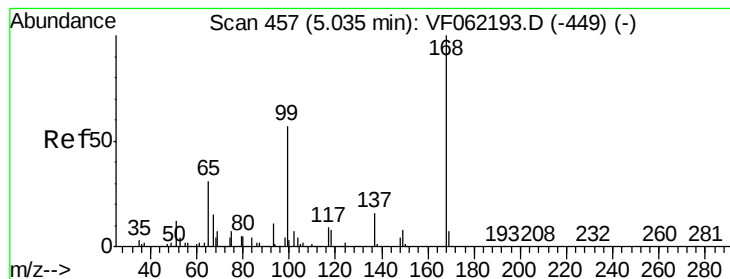
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062265.D

Acq: 23 Apr 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

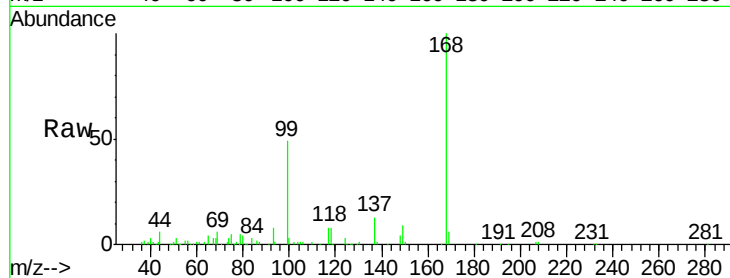
RT-1873

Tot Ion:168 Resp: 127009

Ion Ratio Lower Upper

168 100

99 48.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

40000

30000

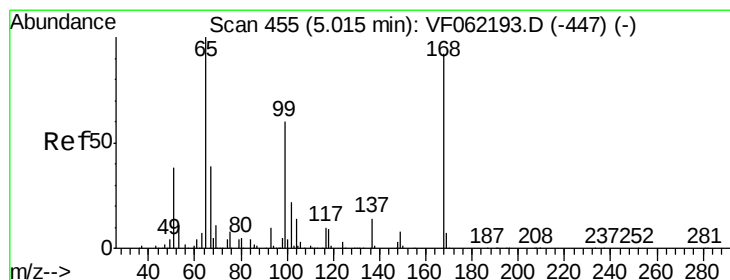
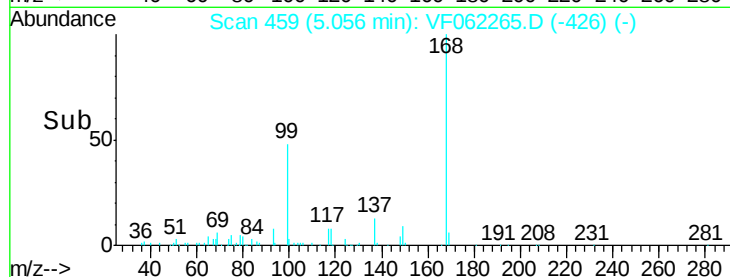
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 9.295 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF062265.D

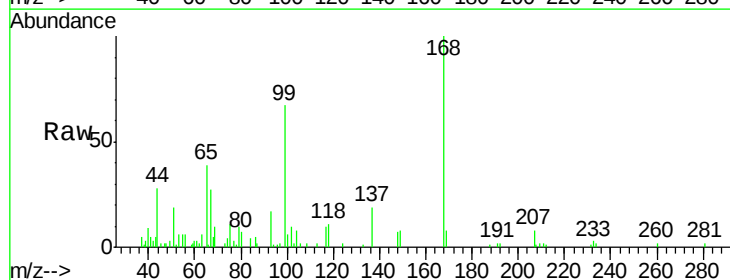
Acq: 23 Apr 2019 15:54

Tgt Ion: 65 Resp: 10825

Ion Ratio Lower Upper

65 100

67 60.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.03

3000

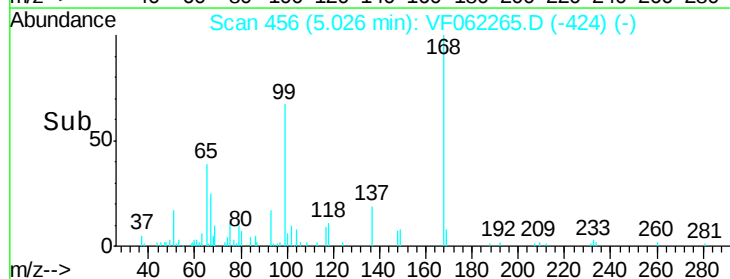
2000

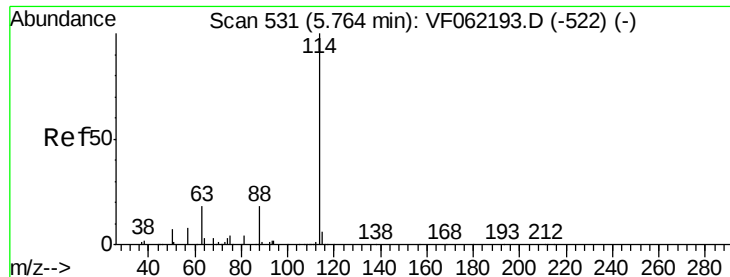
1000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062265.D

Acq: 23 Apr 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-1873

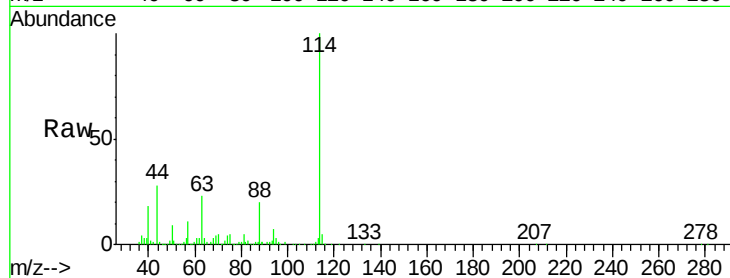
Tot Ion:114 Resp: 113797

Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.6

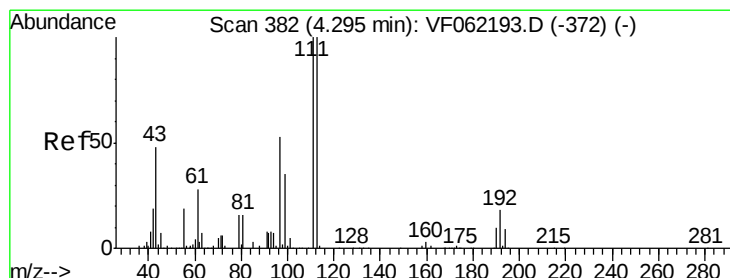
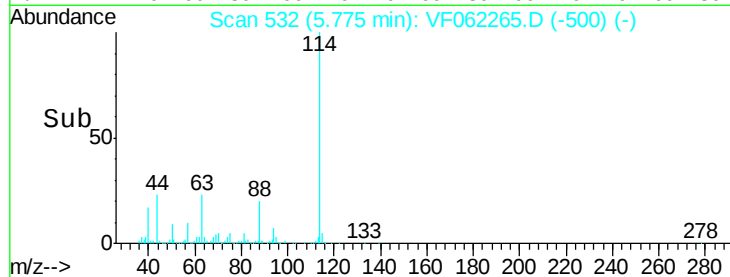
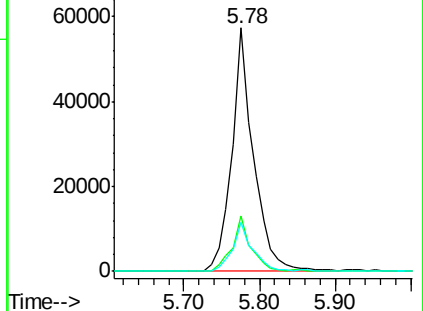
88 20.2 0.0 35.8



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: 20.293 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062265.D

Acq: 23 Apr 2019 15:54

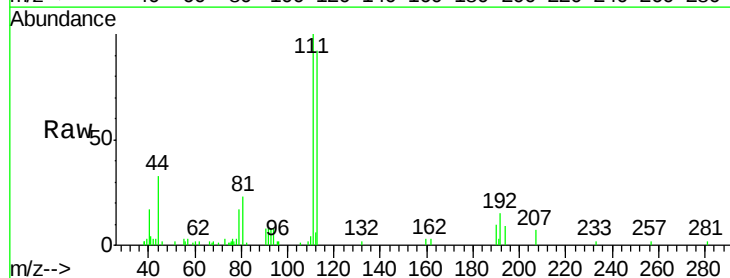
Tgt Ion:113 Resp: 20200

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

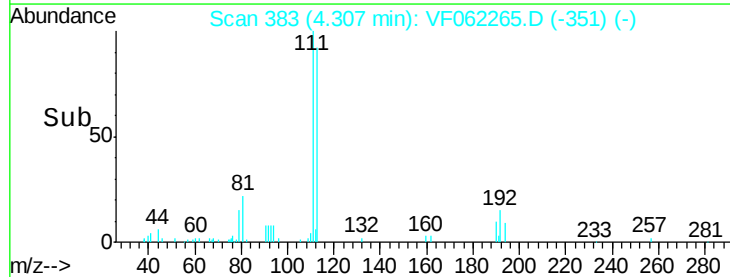
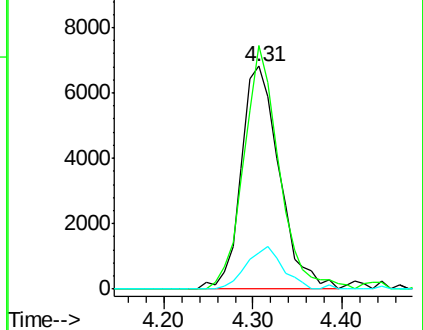
192 18.3 14.7 22.1

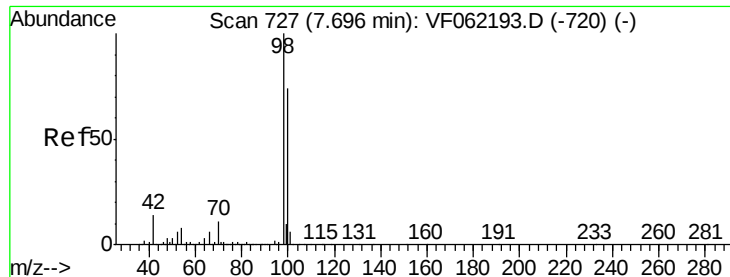


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

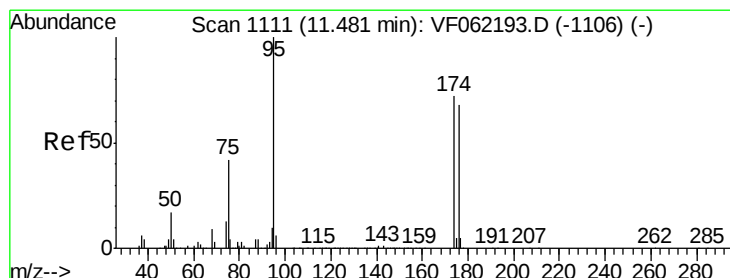
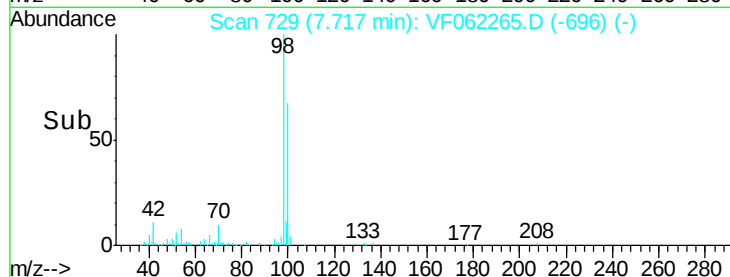
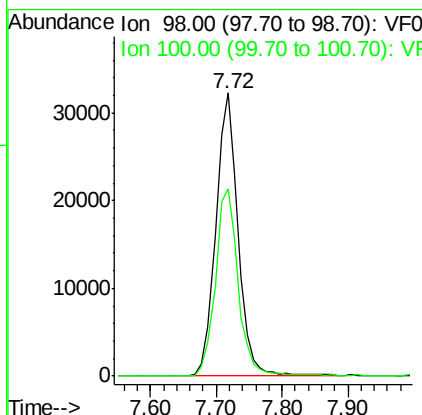
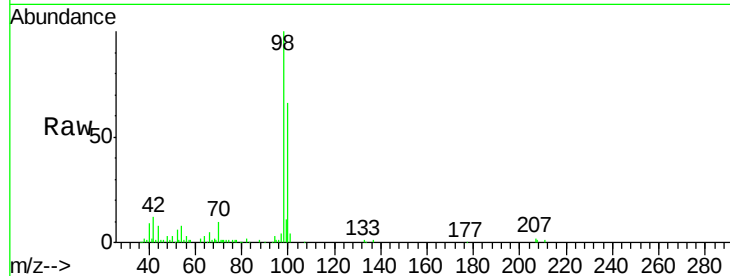




#50
Toluene-d8
Concen: 29.920 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062265.D
Acq: 23 Apr 2019 15:54

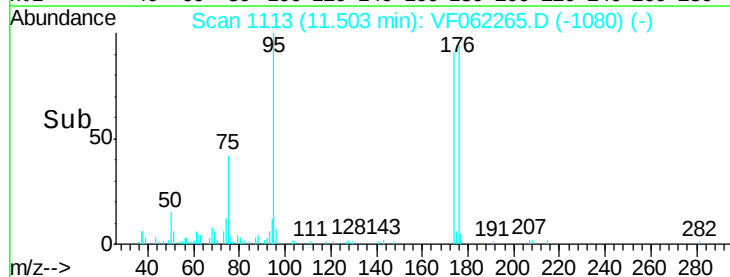
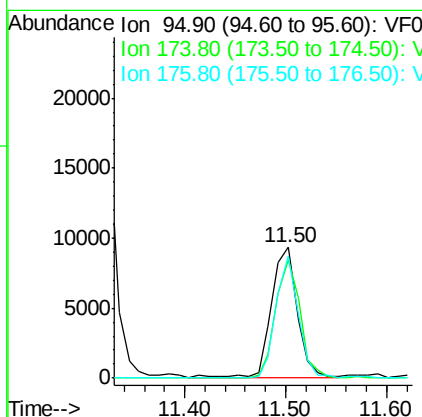
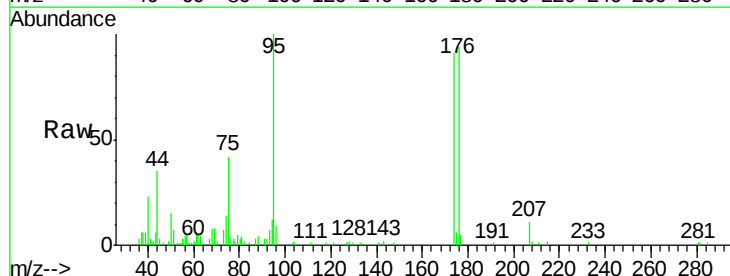
Instrument :
MSVOA_F
ClientSampleId :
RT-1873

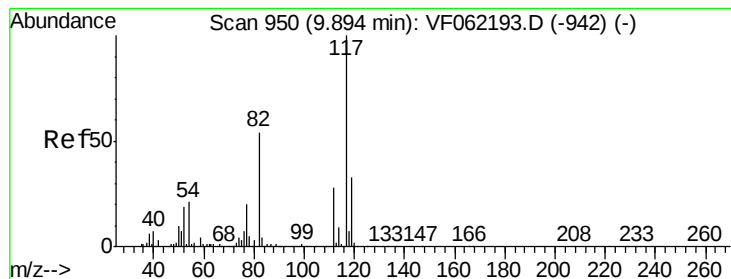
Tot Ion: 98 Resp: 75391
Ion Ratio Lower Upper
98 100
100 67.3 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 17.532 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062265.D
Acq: 23 Apr 2019 15:54

Tgt Ion: 95 Resp: 16995
Ion Ratio Lower Upper
95 100
174 83.6 0.0 159.4
176 79.0 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062265.D

Acq: 23 Apr 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

RT-1873

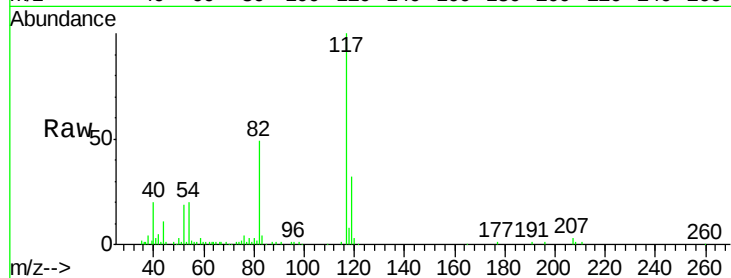
Tot Ion:117 Resp: 56551

Ion Ratio Lower Upper

117 100

82 48.4 43.2 64.8

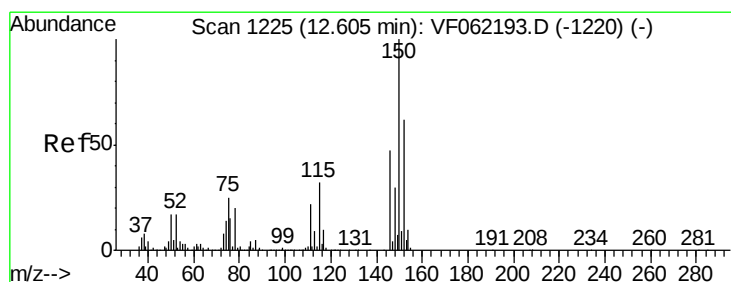
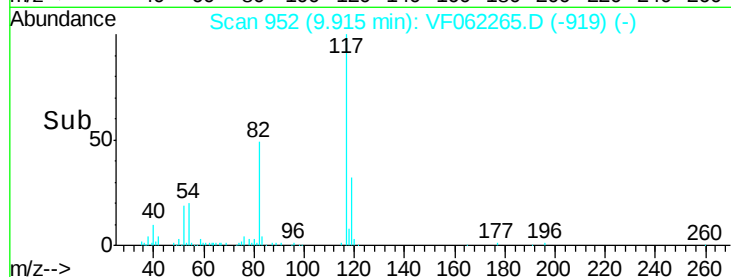
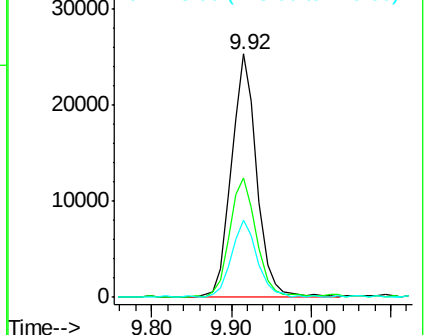
119 31.2 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): 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: VF062265.D

Acq: 23 Apr 2019 15:54

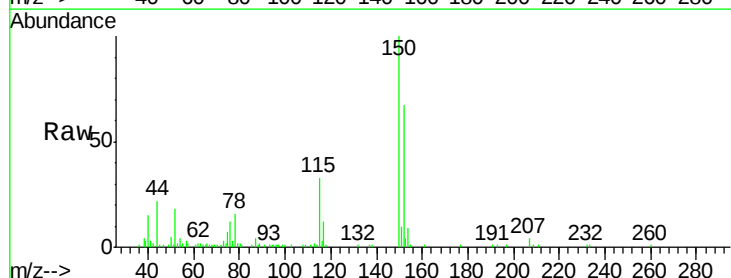
Tgt Ion:152 Resp: 18320

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

150 149.8 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

