

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062863.D
 Acq On : 5 Jun 2019 14:15
 Operator : FY/SY
 Sample : K3151-01RE
 Misc : 4.45g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-06-060419-ARE

Quant Time: Jun 06 08:15:01 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

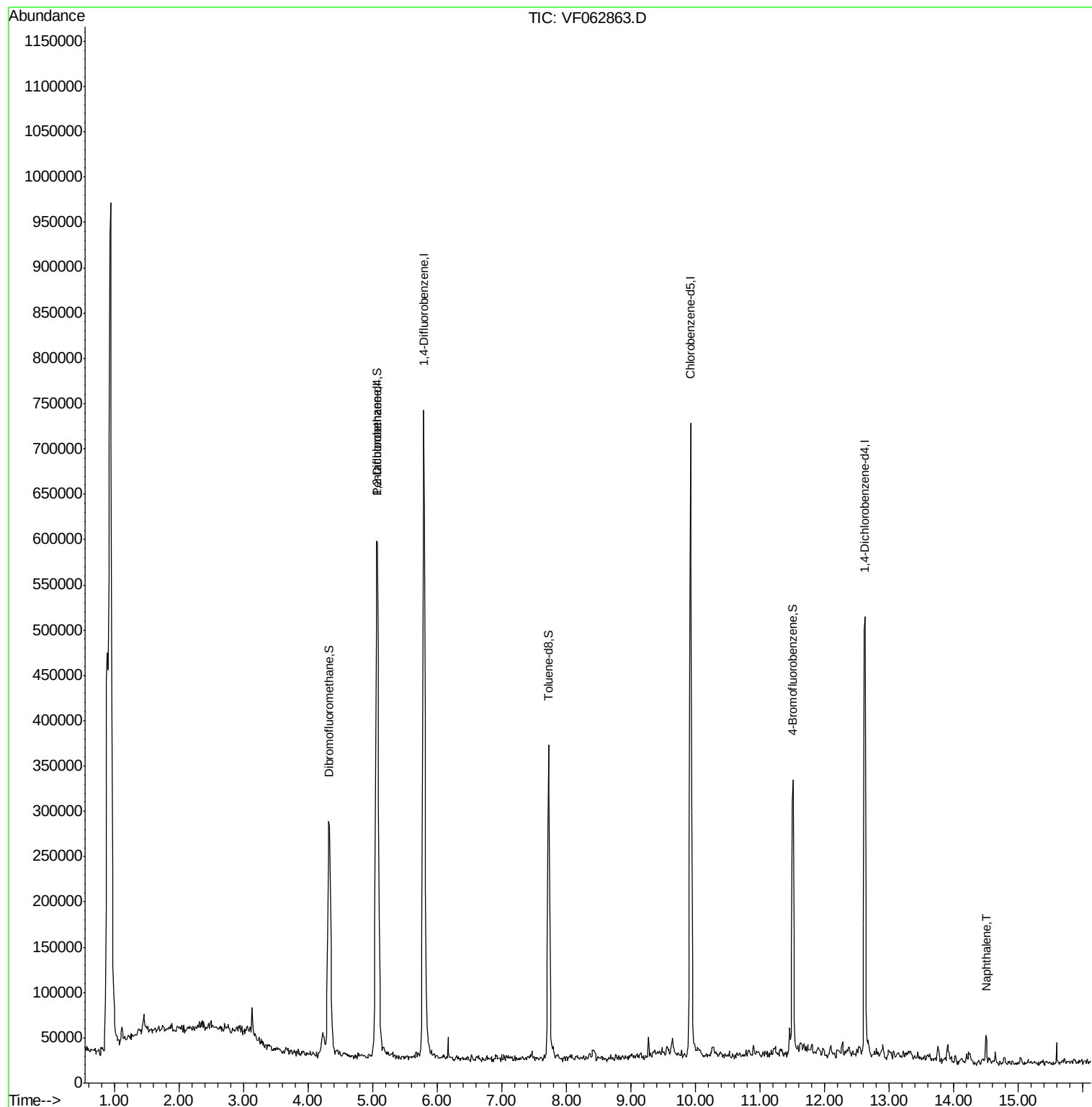
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	534934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	899951	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	528937	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	134486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	149832	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
35) Dibromofluoromethane	4.33	113	266906	39.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.50%	
50) Toluene-d8	7.72	98	308696	17.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	35.90%	
62) 4-Bromofluorobenzene	11.50	95	117539	19.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	38.00%	
Target Compounds						
95) Naphthalene	14.50	128	17544	4.267	ug/l #	Qvalue 92

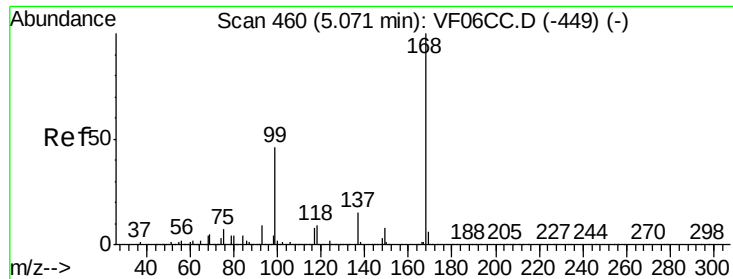
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062863.D

Acq: 5 Jun 2019 14:15

Instrument :

MSVOA_F

ClientSampleId :

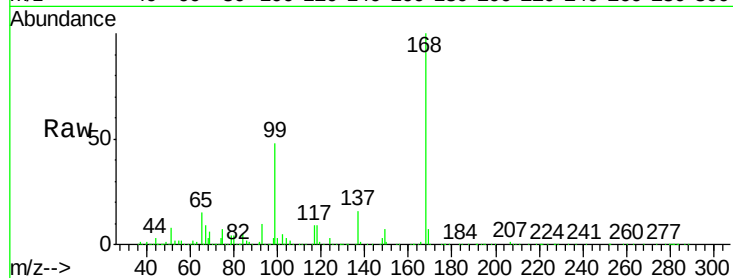
AU-06-060419-ARE

Tot Ion:168 Resp: 534934

Ion Ratio Lower Upper

168 100

99 48.2 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

200000

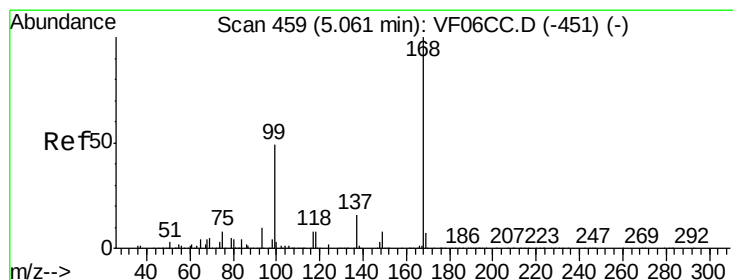
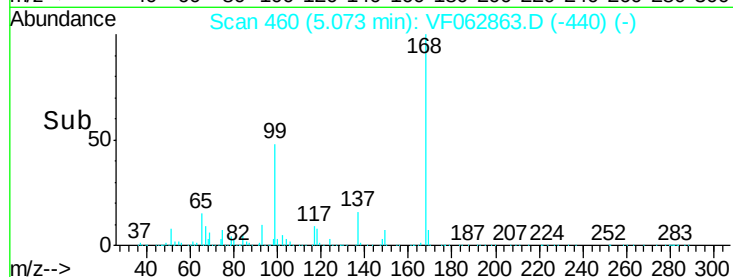
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.505 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062863.D

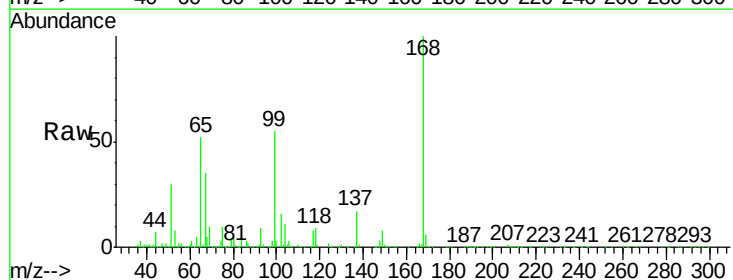
Acq: 5 Jun 2019 14:15

Tgt Ion: 65 Resp: 149832

Ion Ratio Lower Upper

65 100

67 66.9 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

60000

50000

40000

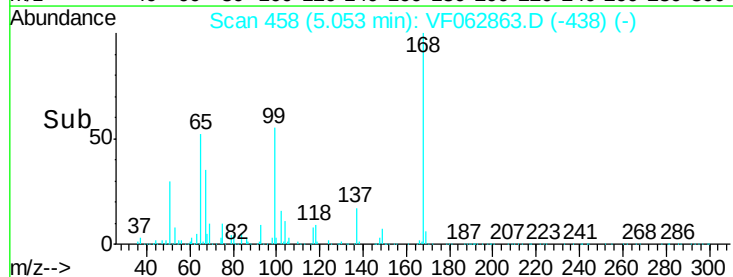
30000

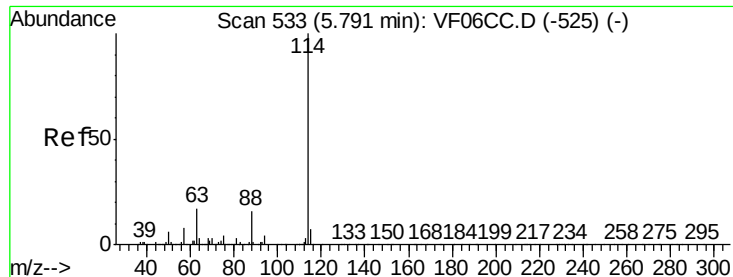
20000

10000

0

Time-->

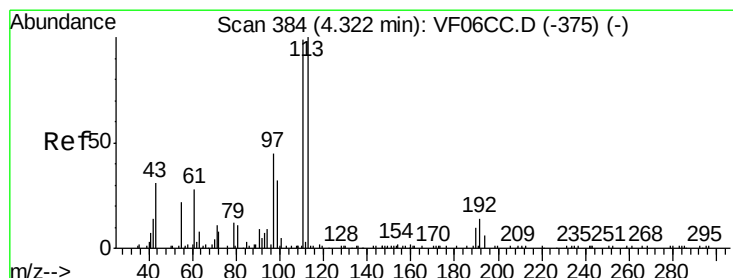
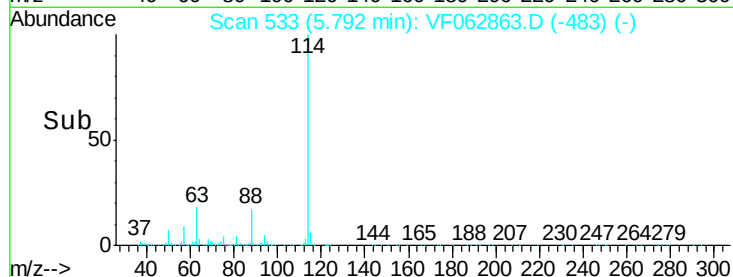
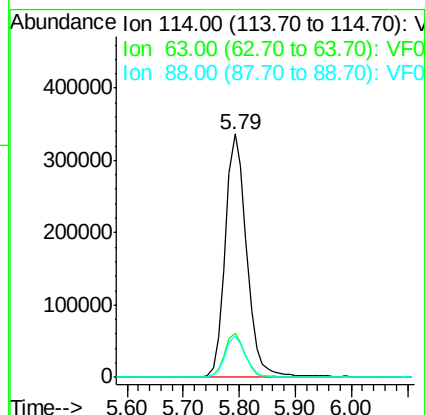
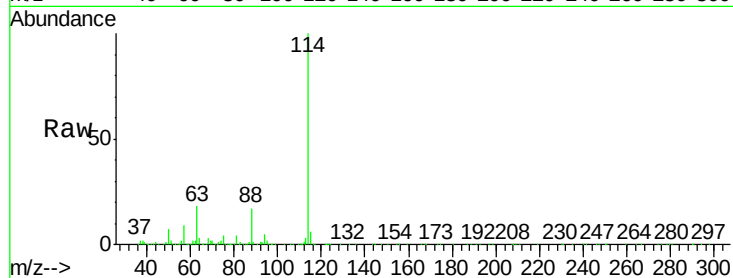




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. -0.01 min
Lab File: VF062863.D
Acq: 5 Jun 2019 14:15

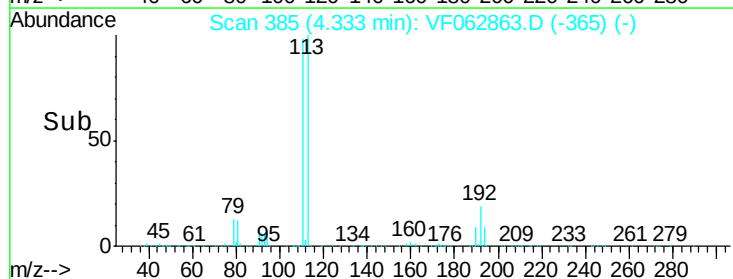
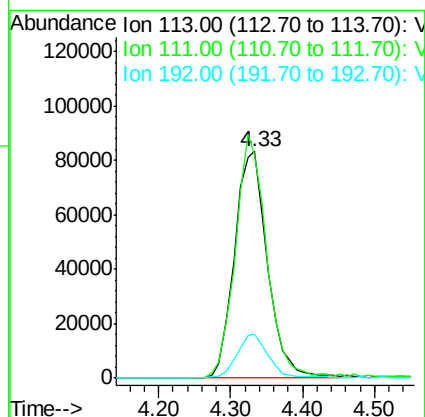
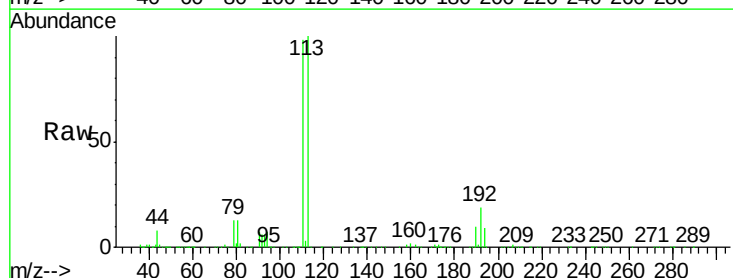
Instrument :
MSVOA_F
ClientSampleId :
AU-06-060419-ARE

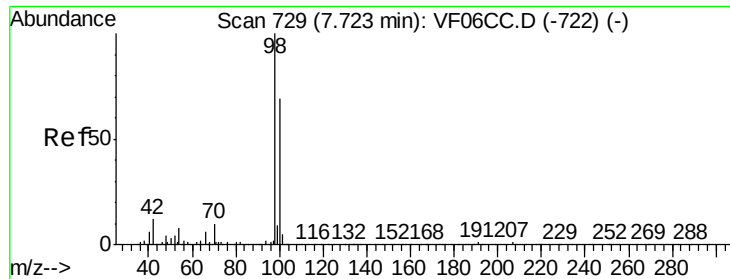
Tot Ion:	114	Resp:	899951
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.2
88	17.2	0.0	31.2



#35
Dibromofluoromethane
Concen: 39.248 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.00 min
Lab File: VF062863.D
Acq: 5 Jun 2019 14:15

Tgt Ion:	113	Resp:	266906
Ion	Ratio	Lower	Upper
113	100		
111	98.1	81.9	122.9
192	19.2	15.1	22.7

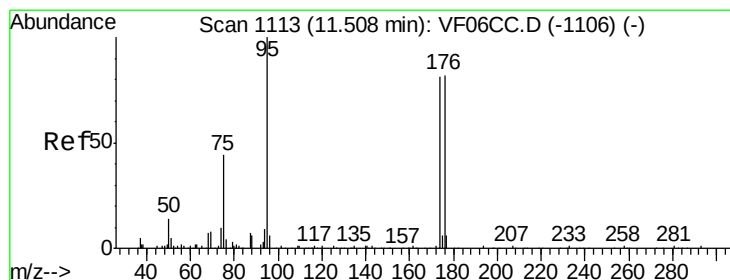
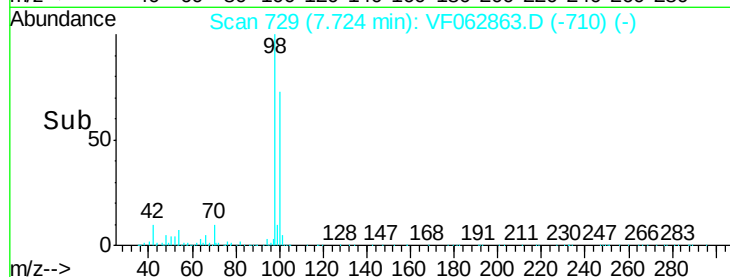
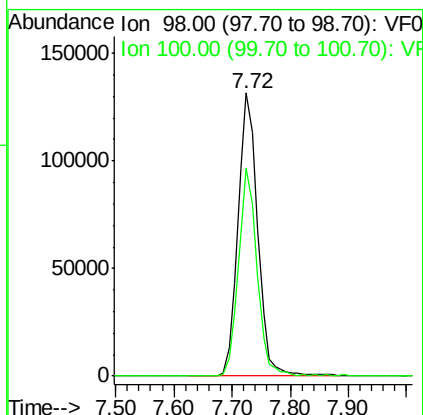
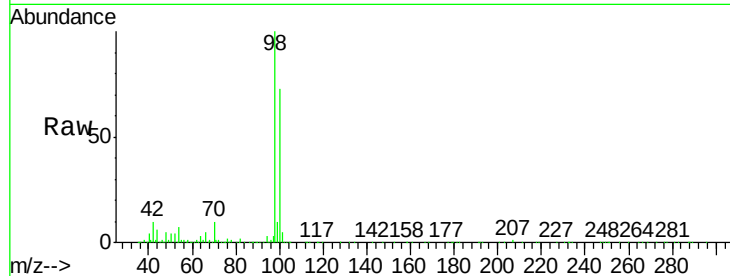




#50
Toluene-d8
Concen: 17.951 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF062863.D
Acq: 5 Jun 2019 14:15

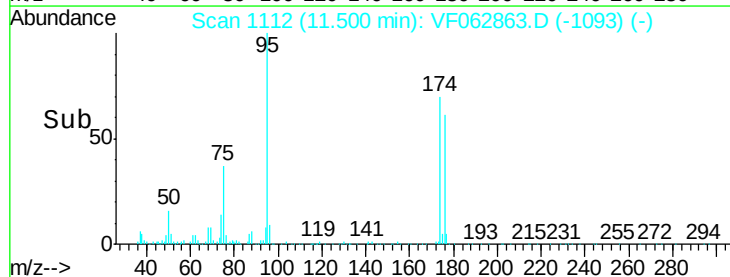
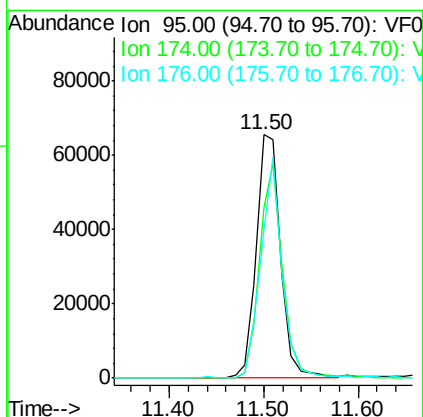
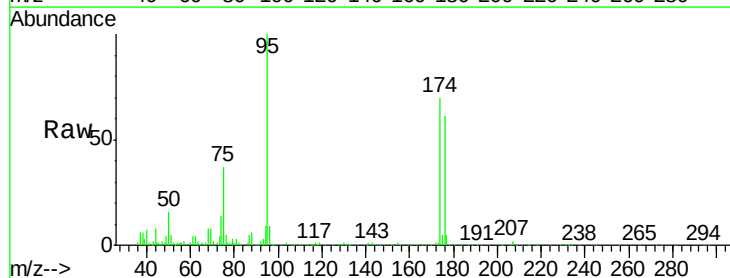
Instrument :
MSVOA_F
ClientSampleId :
AU-06-060419-ARE

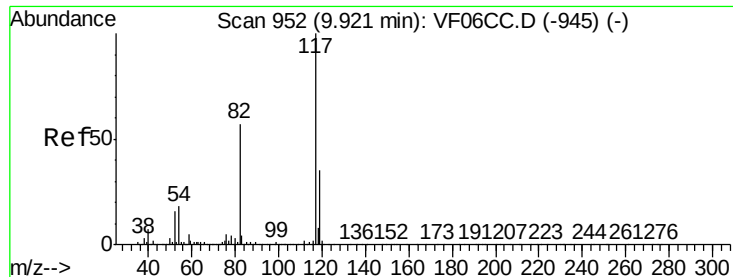
Tot Ion: 98 Resp: 308696
Ion Ratio Lower Upper
98 100
100 73.4 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 19.001 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062863.D
Acq: 5 Jun 2019 14:15

Tgt Ion: 95 Resp: 117539
Ion Ratio Lower Upper
95 100
174 70.3 0.0 170.6
176 61.4 0.0 170.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF062863.D

Acq: 5 Jun 2019 14:15

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-ARE

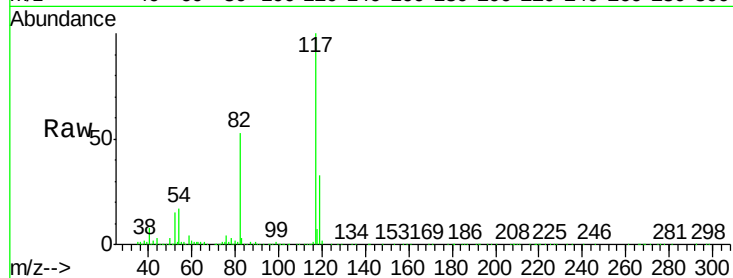
Tot Ion:117 Resp: 528937

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

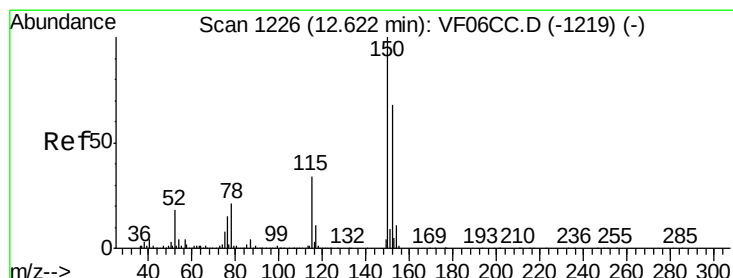
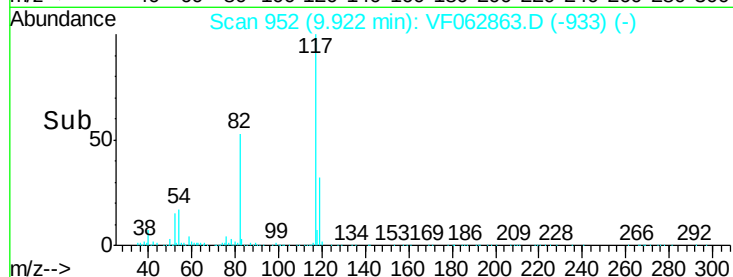
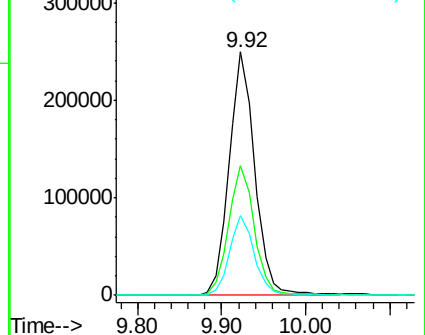
119 32.5 27.1 40.7



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. -0.00 min

Lab File: VF062863.D

Acq: 5 Jun 2019 14:15

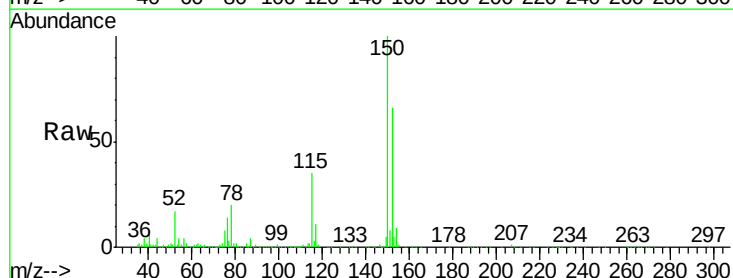
Tgt Ion:152 Resp: 134486

Ion Ratio Lower Upper

152 100

115 52.6 24.6 74.0

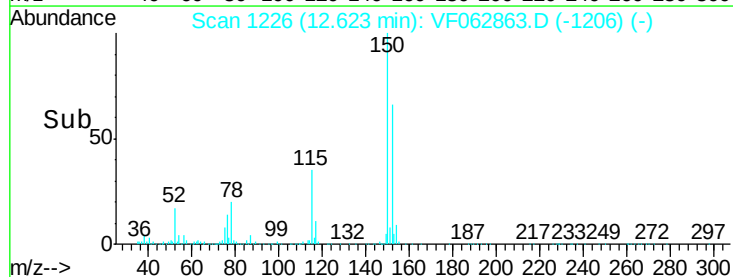
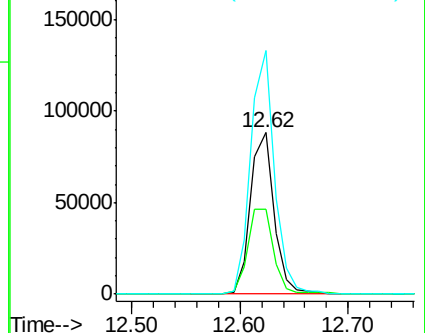
150 150.6 0.0 290.6

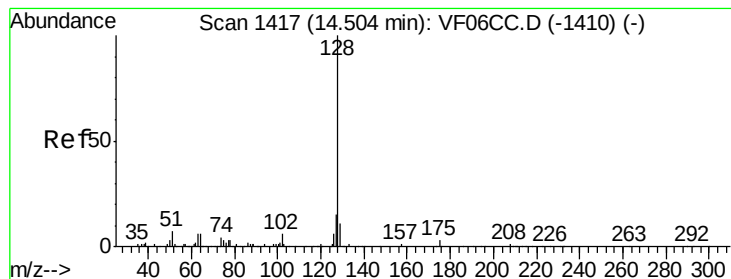


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#95

Naphthalene

Concen: 4.267 ug/l

RT: 14.50 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF062863.D

Acq: 5 Jun 2019 14:15

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-ARE

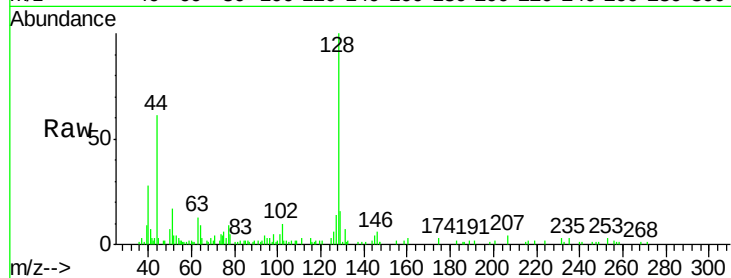
Tot Ion:128 Resp: 17544

Ion Ratio Lower Upper

128 100

127 13.6 9.7 14.5

129 16.3 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

