

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062883.D
 Acq On : 6 Jun 2019 15:27
 Operator : FY/SY
 Sample : K3153-01RE
 Misc : 6.01g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-060519-ARE

Quant Time: Jun 07 02:05:36 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

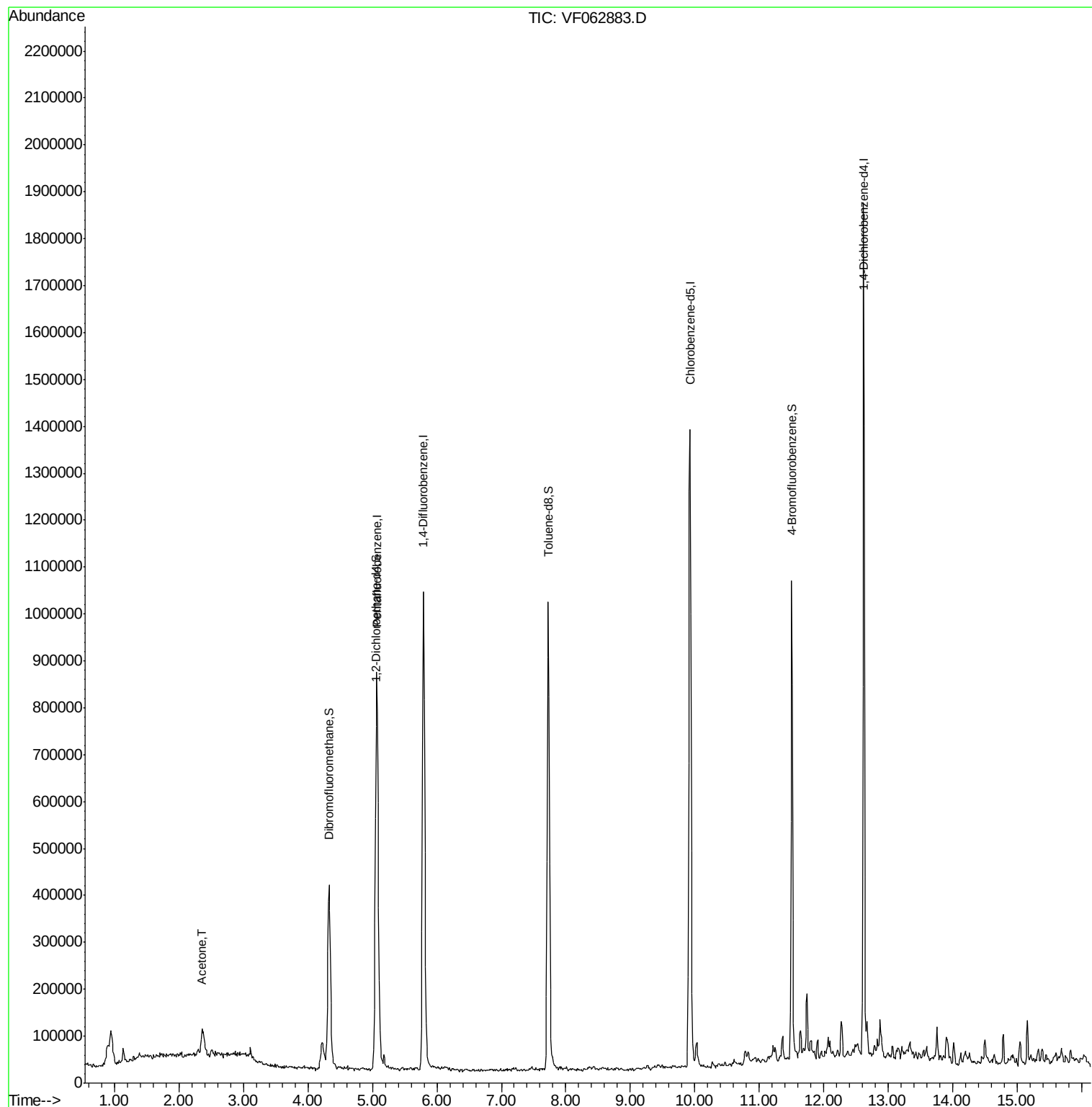
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	784336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1364277	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1086316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	476050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	225924	41.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.30%	
35) Dibromofluoromethane	4.33	113	404759	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.52%	
50) Toluene-d8	7.73	98	921784	35.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.72%	
62) 4-Bromofluorobenzene	11.50	95	382866	40.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.66%	
Target Compounds						
16) Acetone	2.36	43	84935	68.420	ug/l	Qvalue 98

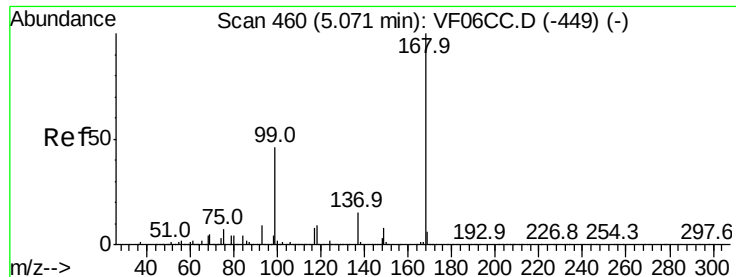
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062883.D

Acq: 6 Jun 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

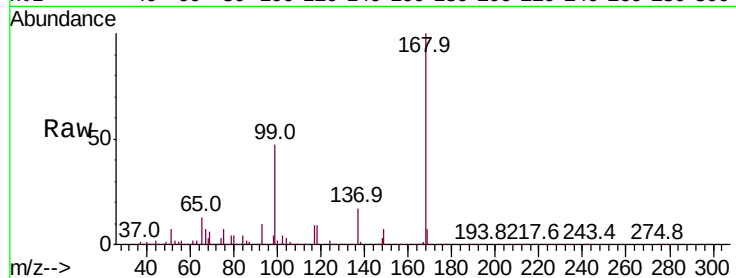
HR-05-060519-ARE

Tot Ion:168 Resp: 784336

Ion Ratio Lower Upper

168 100

99 46.6 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

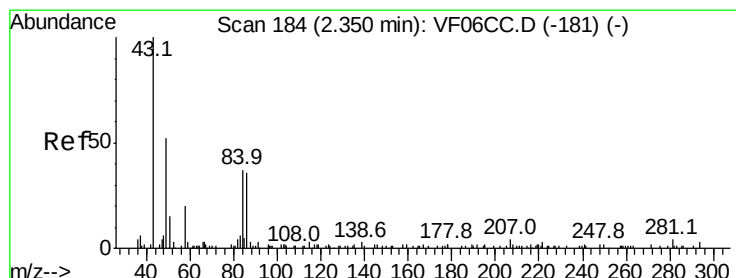
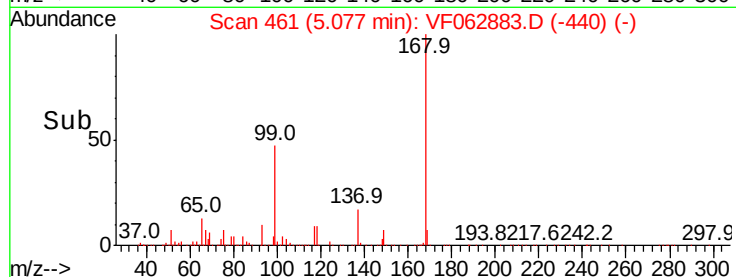
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 68.420 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062883.D

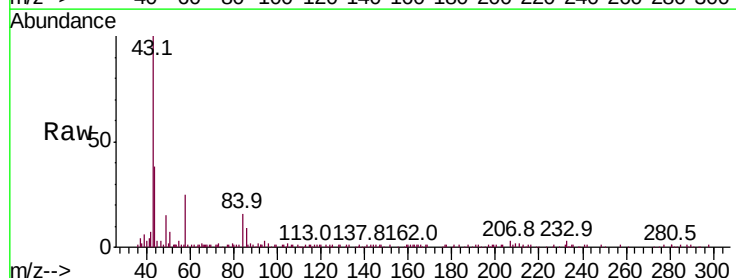
Acq: 6 Jun 2019 15:27

Tgt Ion: 43 Resp: 84935

Ion Ratio Lower Upper

43 100

58 24.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

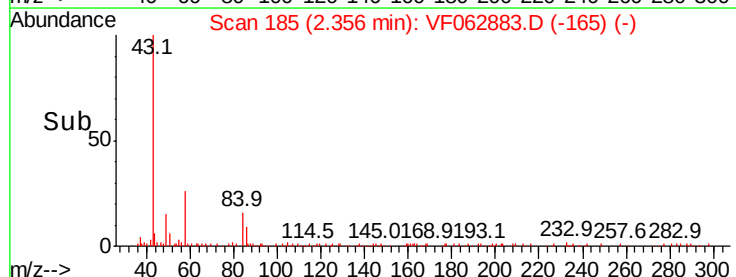
30000

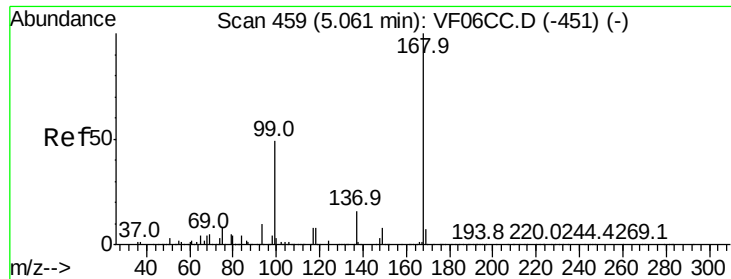
20000

10000

0

Time--> 2.20 2.30 2.40 2.50

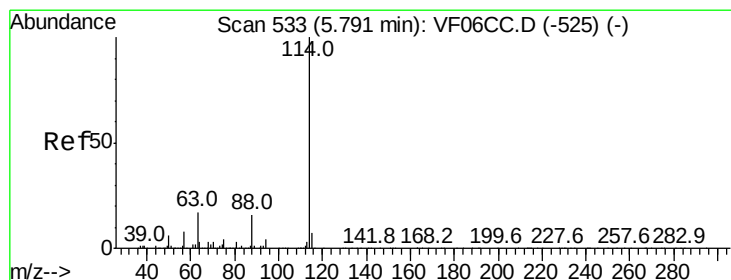
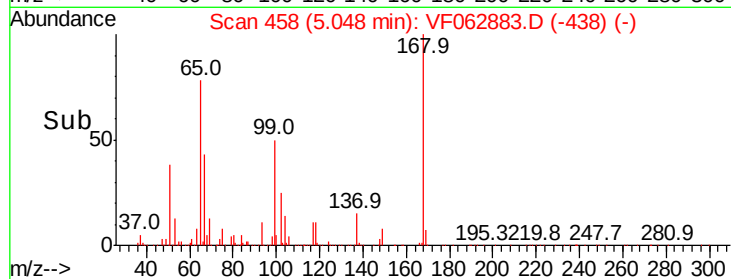
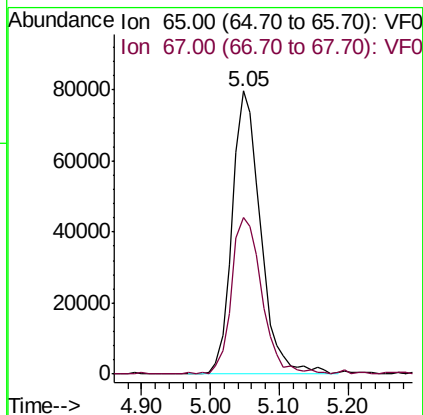
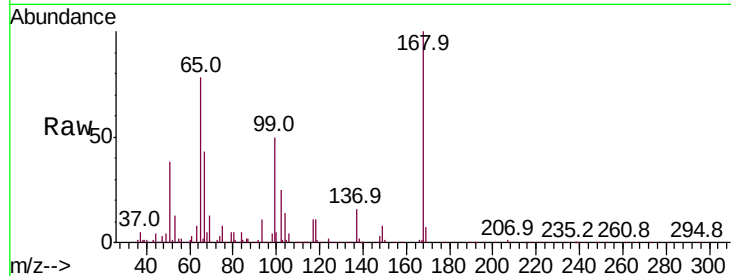




#33
 1,2-Dichloroethane-d4
 Concen: 41.655 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

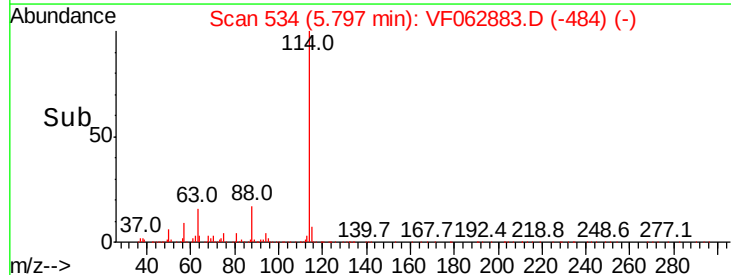
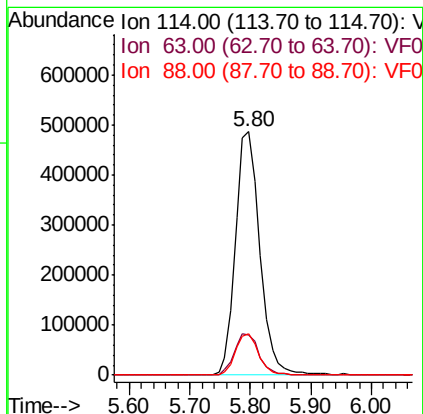
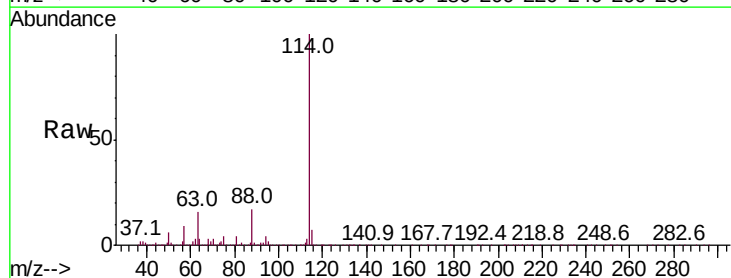
Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-060519-ARE

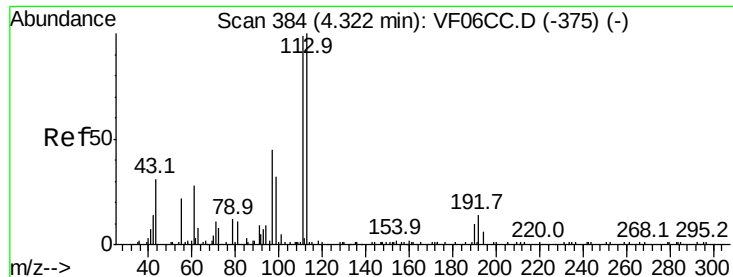
Tot Ion: 65 Resp: 225924
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

Tgt Ion: 114 Resp: 1364277
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 34.2
 88 16.8 0.0 31.2

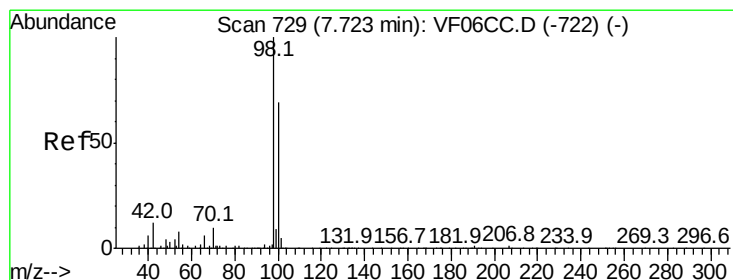
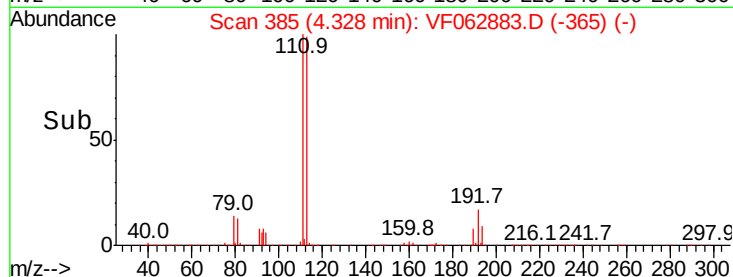
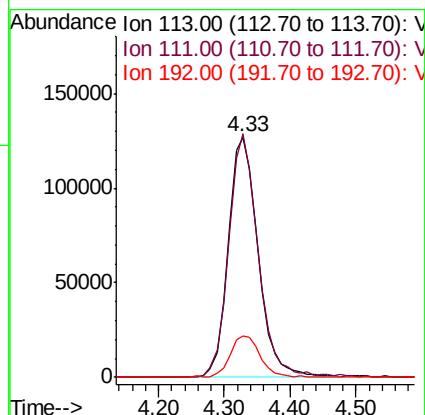
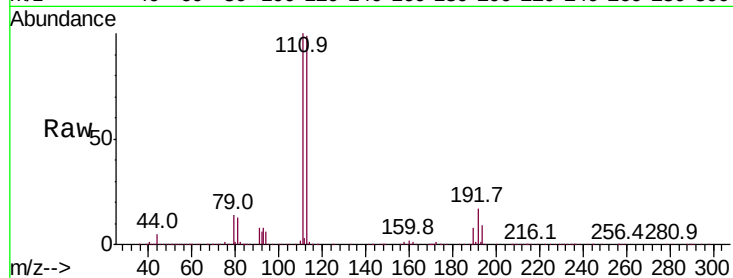




#35
 Dibromofluoromethane
 Concen: 39.262 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

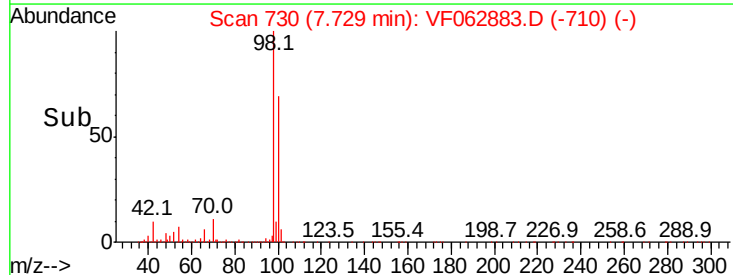
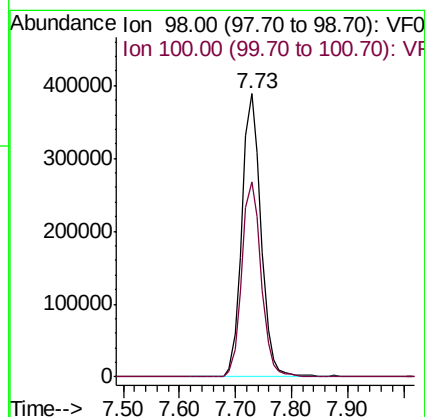
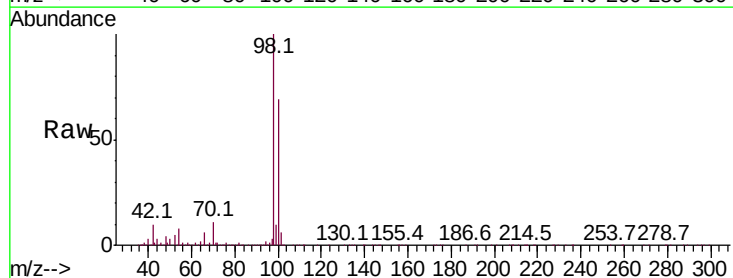
Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-060519-ARE

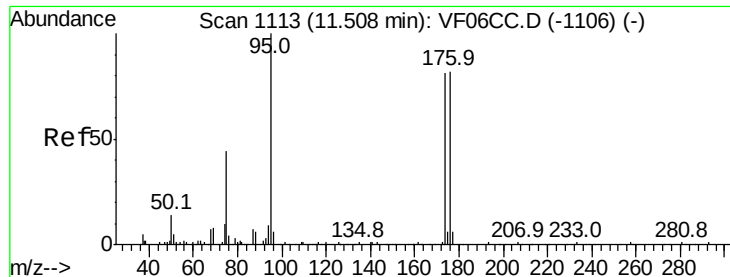
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	17.1	15.1	22.7



#50
 Toluene-d8
 Concen: 35.359 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: VF062883.D
 Acq: 6 Jun 2019 15:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.9	59.8	89.8





#62

4-Bromofluorobenzene

Concen: 40.828 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062883.D

Acq: 6 Jun 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

HR-05-060519-ARE

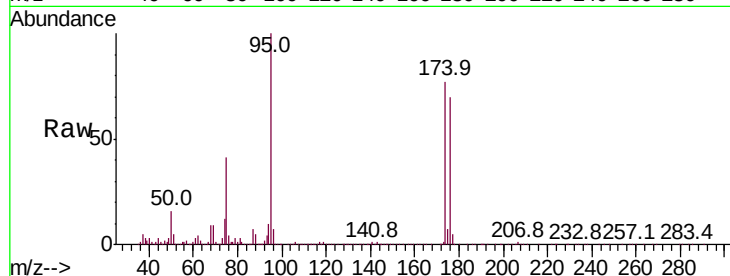
Tot Ion: 95 Resp: 382866

Ion Ratio Lower Upper

95 100

174 77.3 0.0 170.6

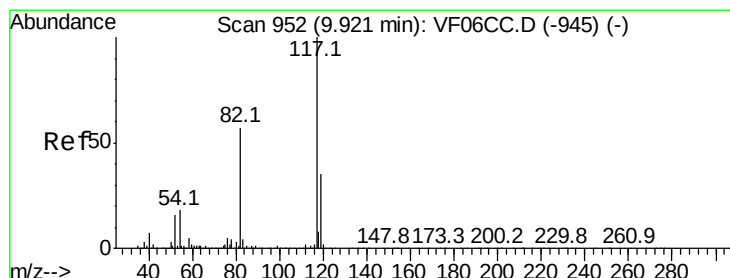
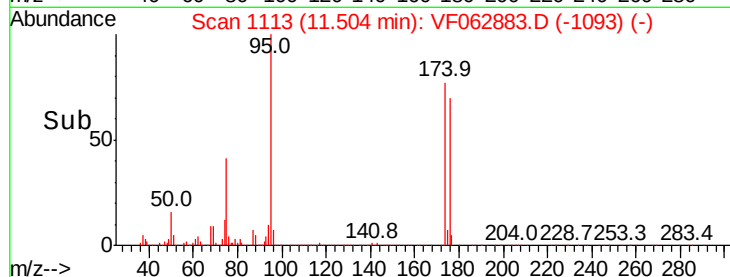
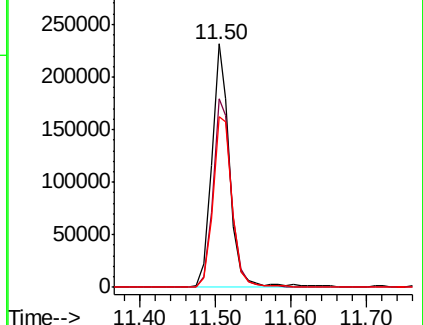
176 70.0 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062883.D

Acq: 6 Jun 2019 15:27

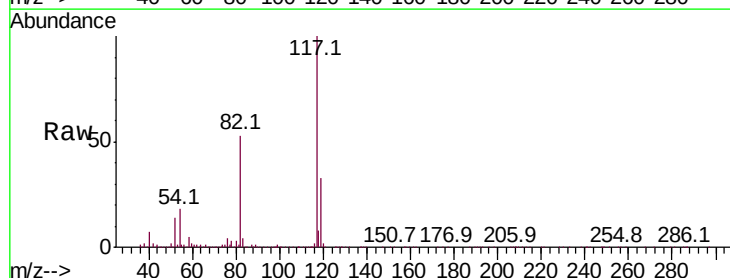
Tgt Ion: 117 Resp: 1086316

Ion Ratio Lower Upper

117 100

82 52.7 42.4 63.6

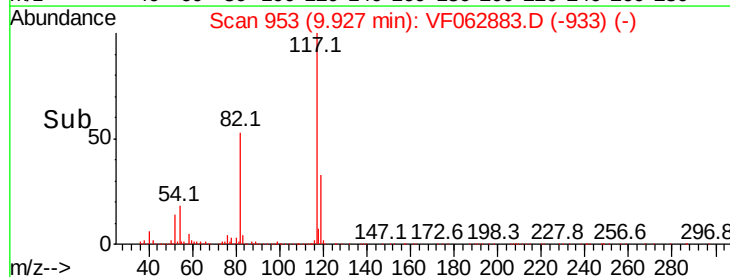
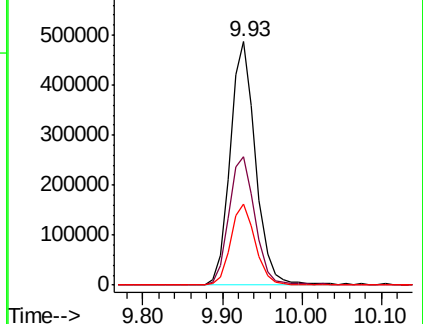
119 33.5 27.1 40.7

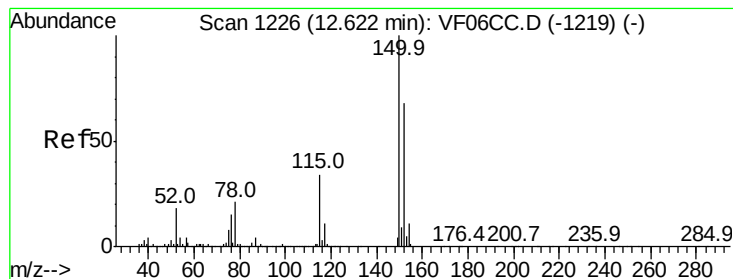


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062883.D

Acq: 6 Jun 2019 15:27

Instrument :

MSVOA_F

ClientSampleId :

HR-05-060519-ARE

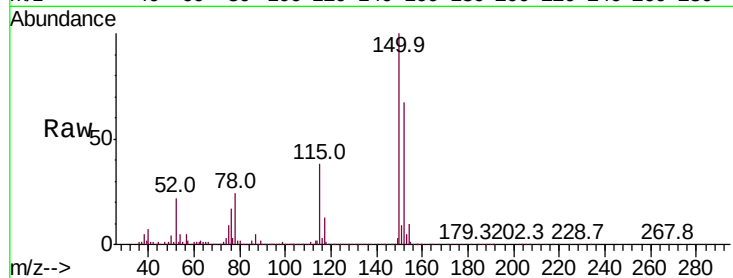
Tot Ion:152 Resp: 476050

Ion Ratio Lower Upper

152 100

115 56.8 24.6 74.0

150 149.0 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

