

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062656.D
 Acq On : 20 May 2019 13:09
 Operator : FY/SY
 Sample : K2881-02
 Misc : 5.19g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-047

Quant Time: May 20 14:46:54 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

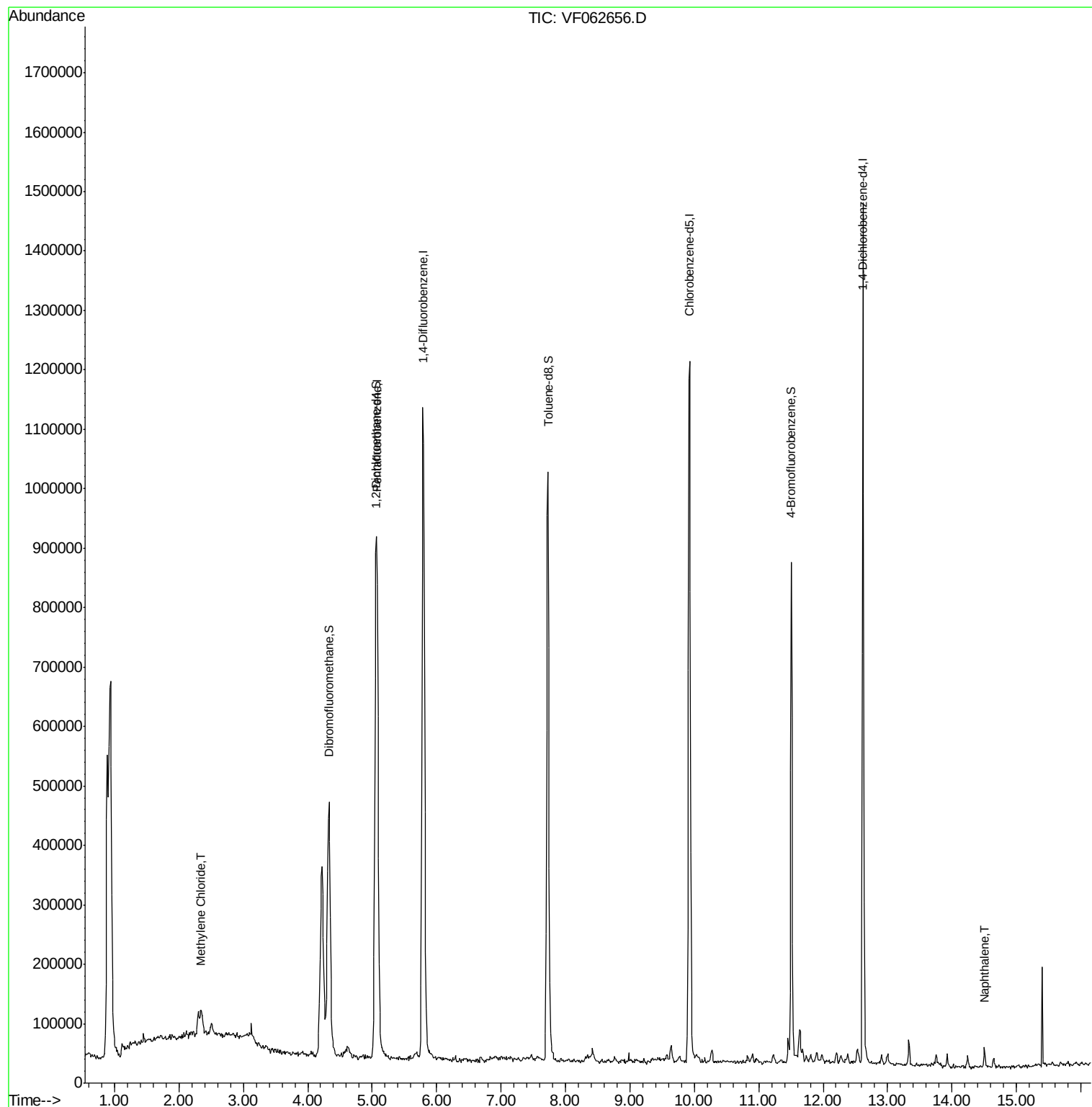
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	874854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1436771	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	971233	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	382490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	226252	36.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.20%	
35) Dibromofluoromethane	4.33	113	426724	38.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.62%	
50) Toluene-d8	7.73	98	912871	34.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.56%	
62) 4-Bromofluorobenzene	11.50	95	305767	30.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.42%	
Target Compounds						
20) Methylene Chloride	2.34	84	50548m	6.288	ug/l	Qvalue
95) Naphthalene	14.50	128	25789	1.805	ug/l #	95

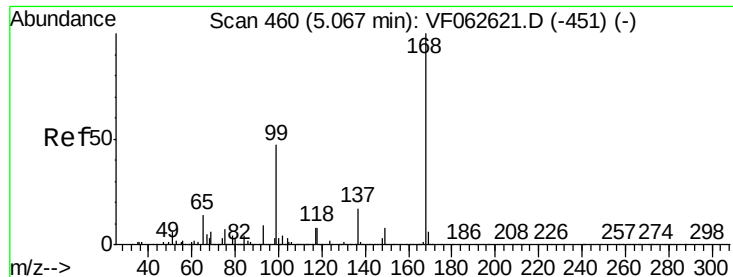
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062656.D

Acq: 20 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

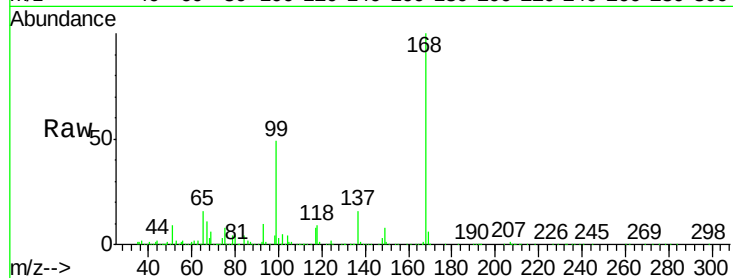
FK-PS-01-047

Tot Ion:168 Resp: 874854

Ion Ratio Lower Upper

168 100

99 49.4 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.07

300000

250000

200000

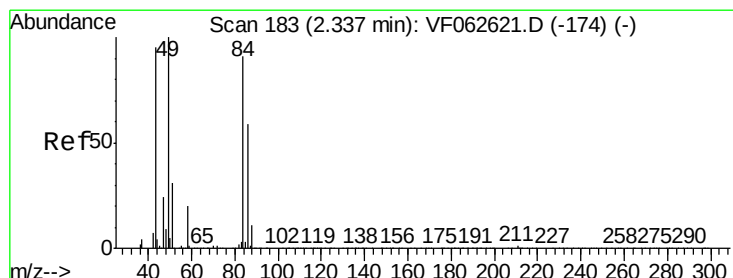
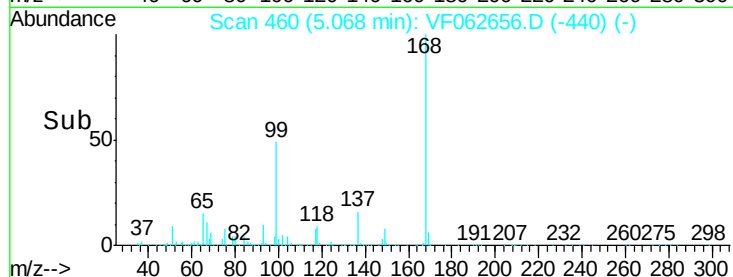
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.288 ug/l m

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF062656.D

Acq: 20 May 2019 13:09

Tgt Ion: 84 Resp: 50548

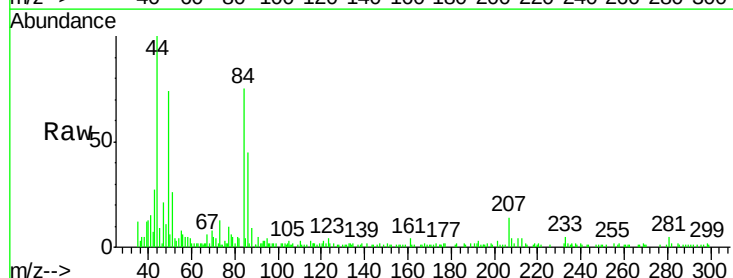
Ion Ratio Lower Upper

84 100

49 98.5 89.8 134.8

51 35.0 28.4 42.6

86 59.9 52.6 79.0



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2.34

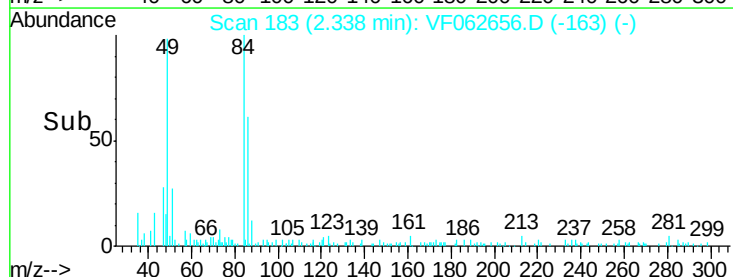
15000

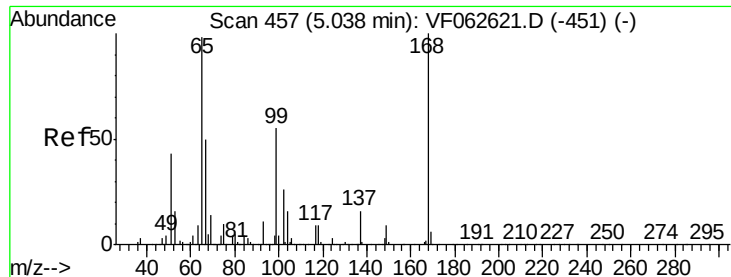
10000

5000

0

Time-->

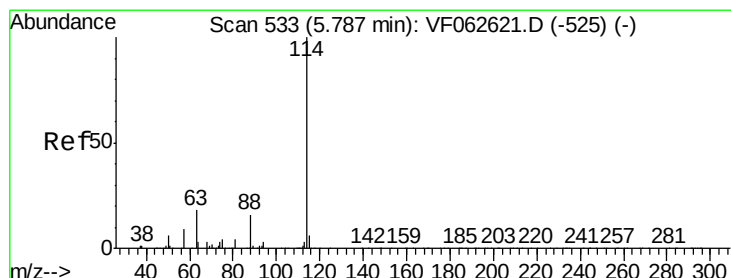
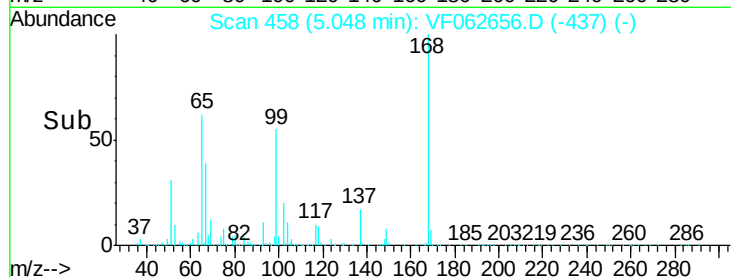
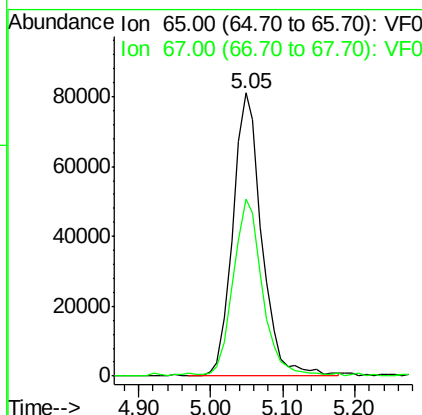
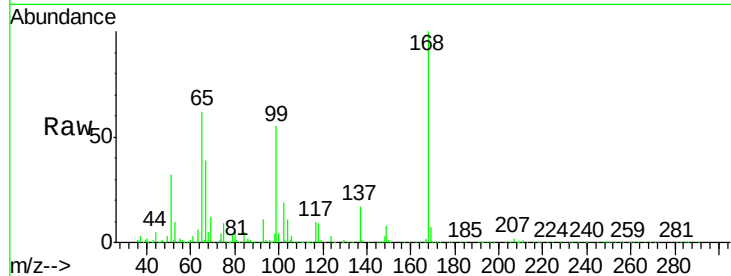




#33
 1,2-Dichloroethane-d4
 Concen: 36.598 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: VF062656.D
 Acq: 20 May 2019 13:09

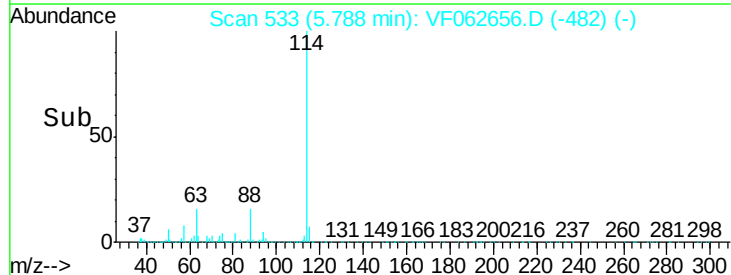
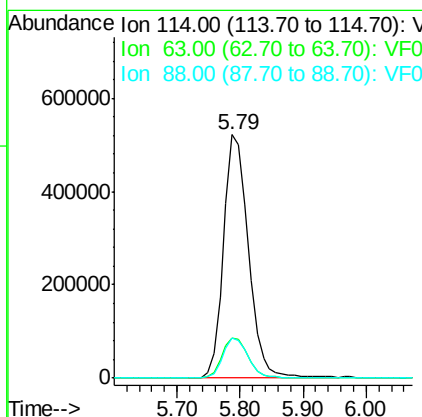
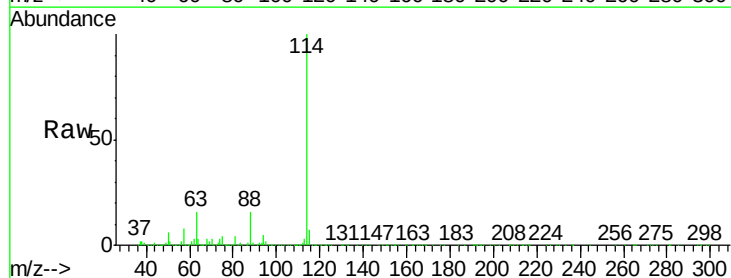
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-047

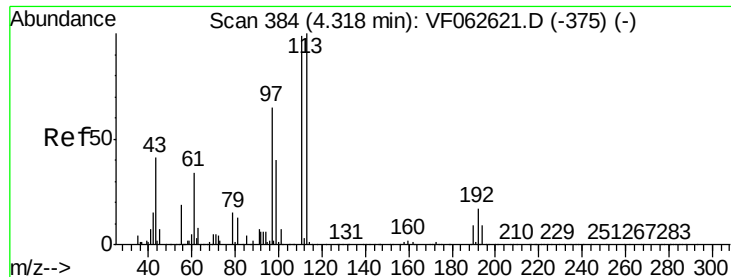
Tot Ion: 65 Resp: 226252
 Ion Ratio Lower Upper
 65 100
 67 62.5 0.0 117.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VF062656.D
 Acq: 20 May 2019 13:09

Tgt Ion:114 Resp: 1436771
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 35.4
 88 16.4 0.0 32.4

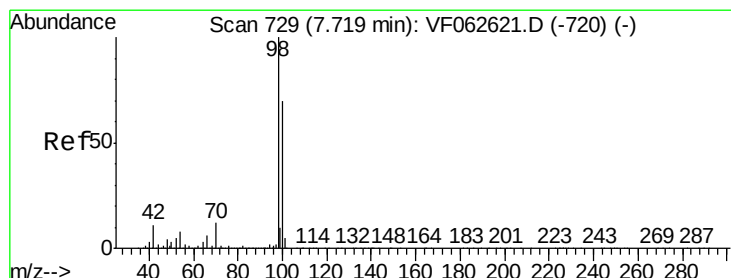
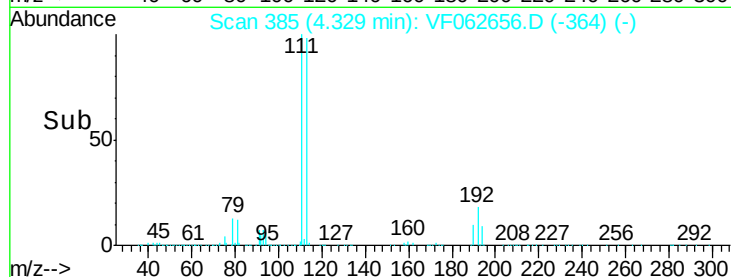
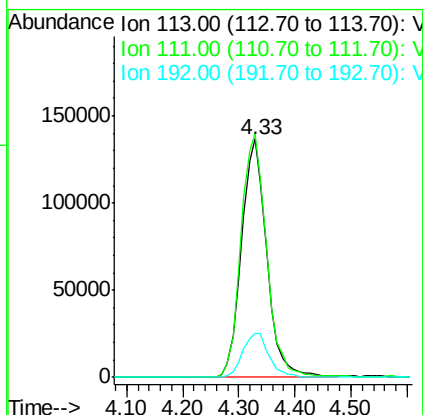
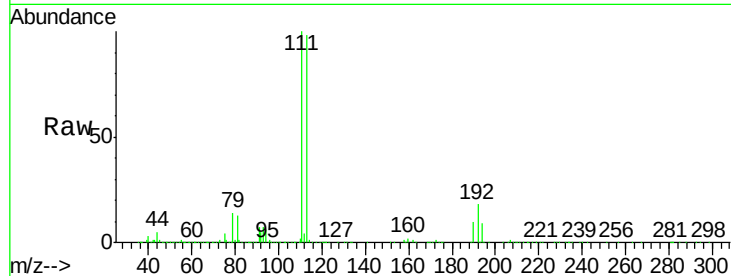




#35
 Dibromofluoromethane
 Concen: 38.813 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: VF062656.D
 Acq: 20 May 2019 13:09

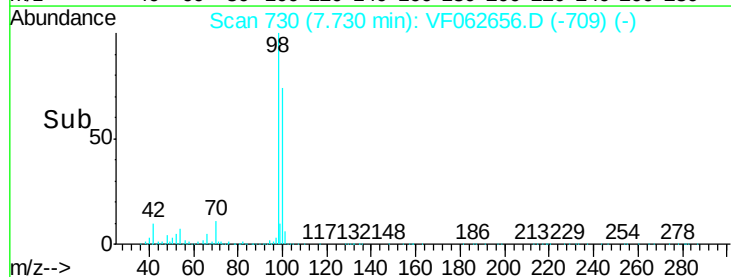
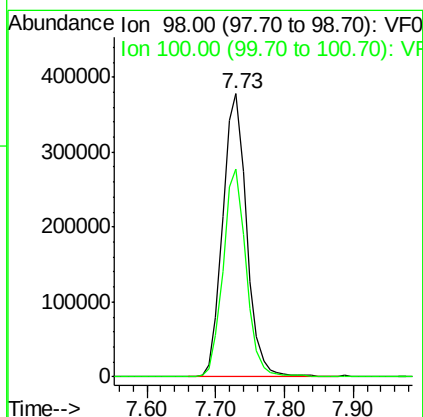
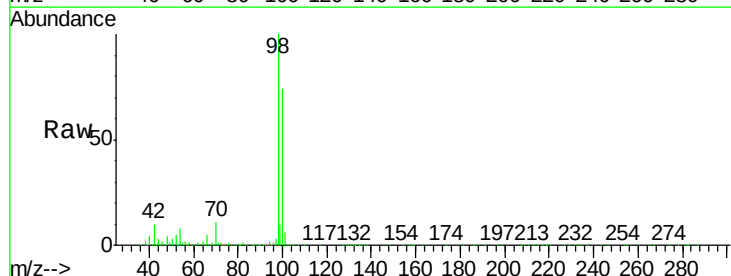
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-047

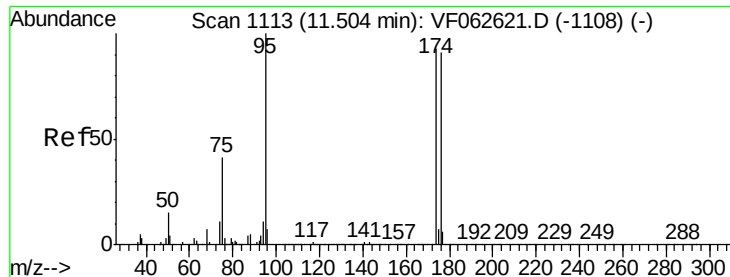
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.2
192	18.5	13.4	20.2



#50
 Toluene-d8
 Concen: 34.776 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VF062656.D
 Acq: 20 May 2019 13:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.6	56.2	84.2

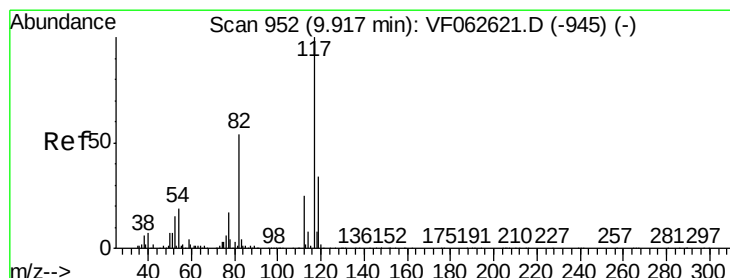
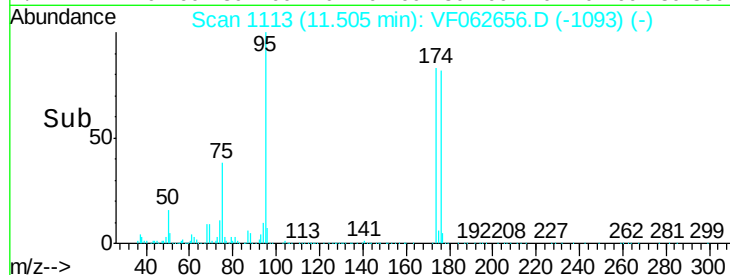
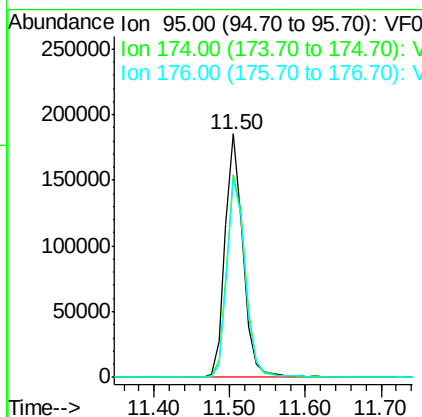
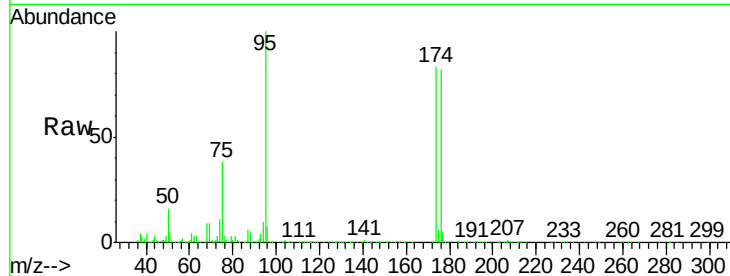




#62
4-Bromofluorobenzene
Concen: 30.712 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

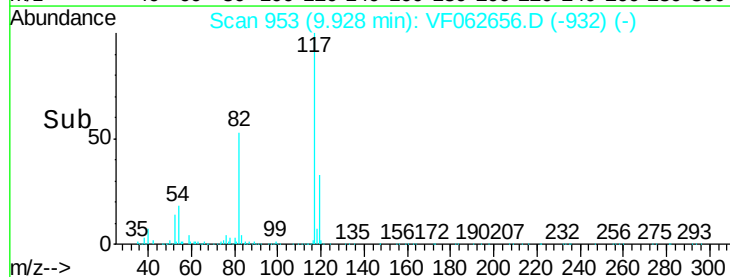
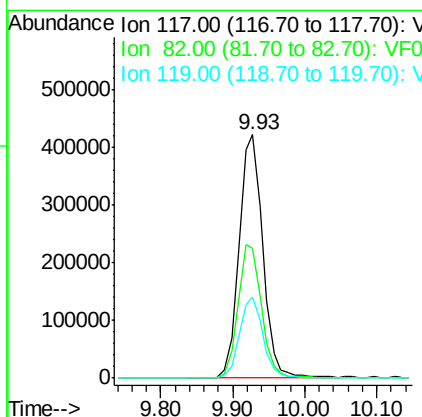
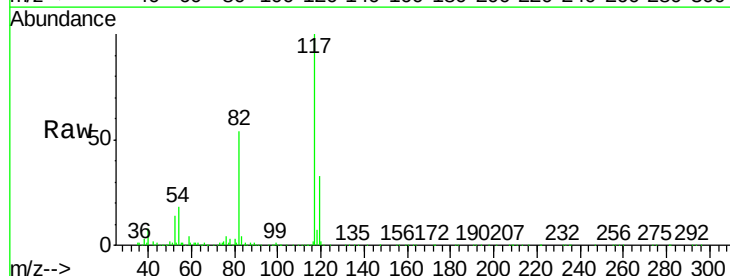
Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

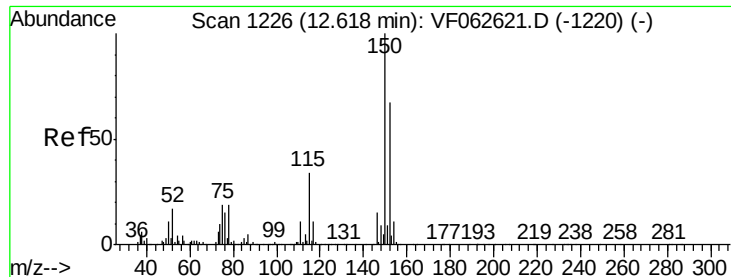
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	185.6
176	81.9	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062656.D
Acq: 20 May 2019 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.3	64.9
119	33.5	27.4	41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062656.D

Acq: 20 May 2019 13:09

Instrument :

MSVOA_F

ClientSampleId :

FK-PS-01-047

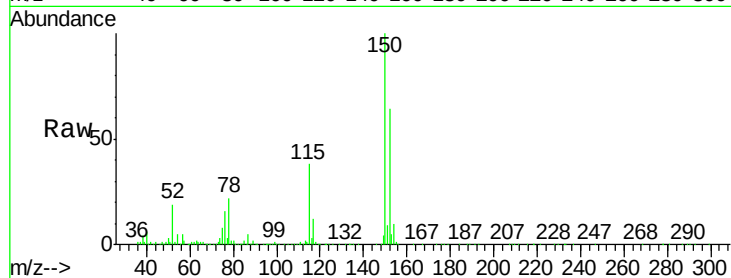
Tot Ion:152 Resp: 382490

Ion Ratio Lower Upper

152 100

115 58.8 25.2 75.6

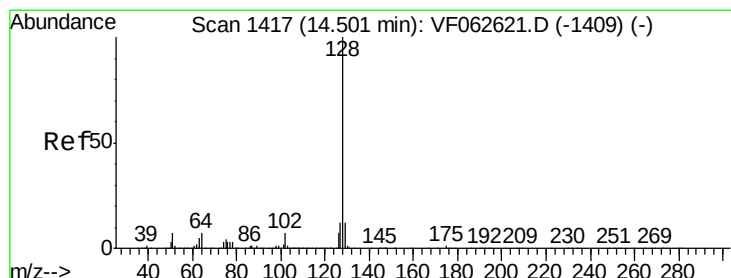
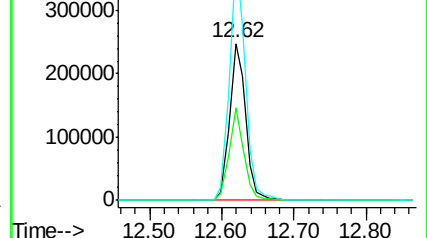
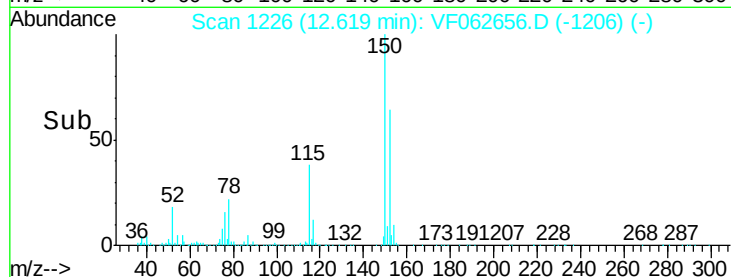
150 155.1 0.0 306.2



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



#95

Naphthalene

Concen: 1.805 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062656.D

Acq: 20 May 2019 13:09

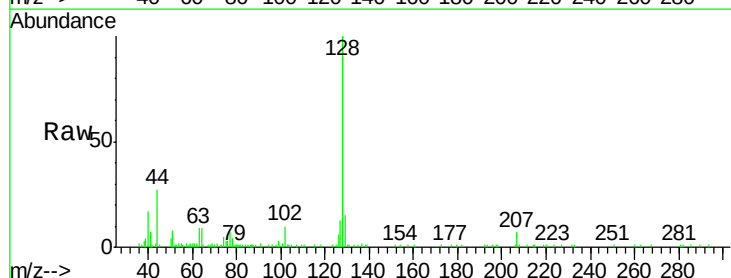
Tgt Ion:128 Resp: 25789

Ion Ratio Lower Upper

128 100

127 12.7 9.7 14.5

129 14.6 9.3 13.9#



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

