

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062231.D
 Acq On : 19 Apr 2019 18:10
 Operator : FY/SY
 Sample : K2417-02RE
 Misc : 4.74g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-045RE

Quant Time: Apr 19 23:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	397620	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	544506	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	208325	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	144372	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	180838	49.60	ug/l	0.03
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	4.31	113	244740	51.38	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	7.72	98	148783	12.34	ug/l	0.02
Spiked Amount	50.000		Recovery	=	24.68%	
62) 4-Bromofluorobenzene	11.50	95	160970	34.71	ug/l	0.02
Spiked Amount	50.000		Recovery	=	69.42%	

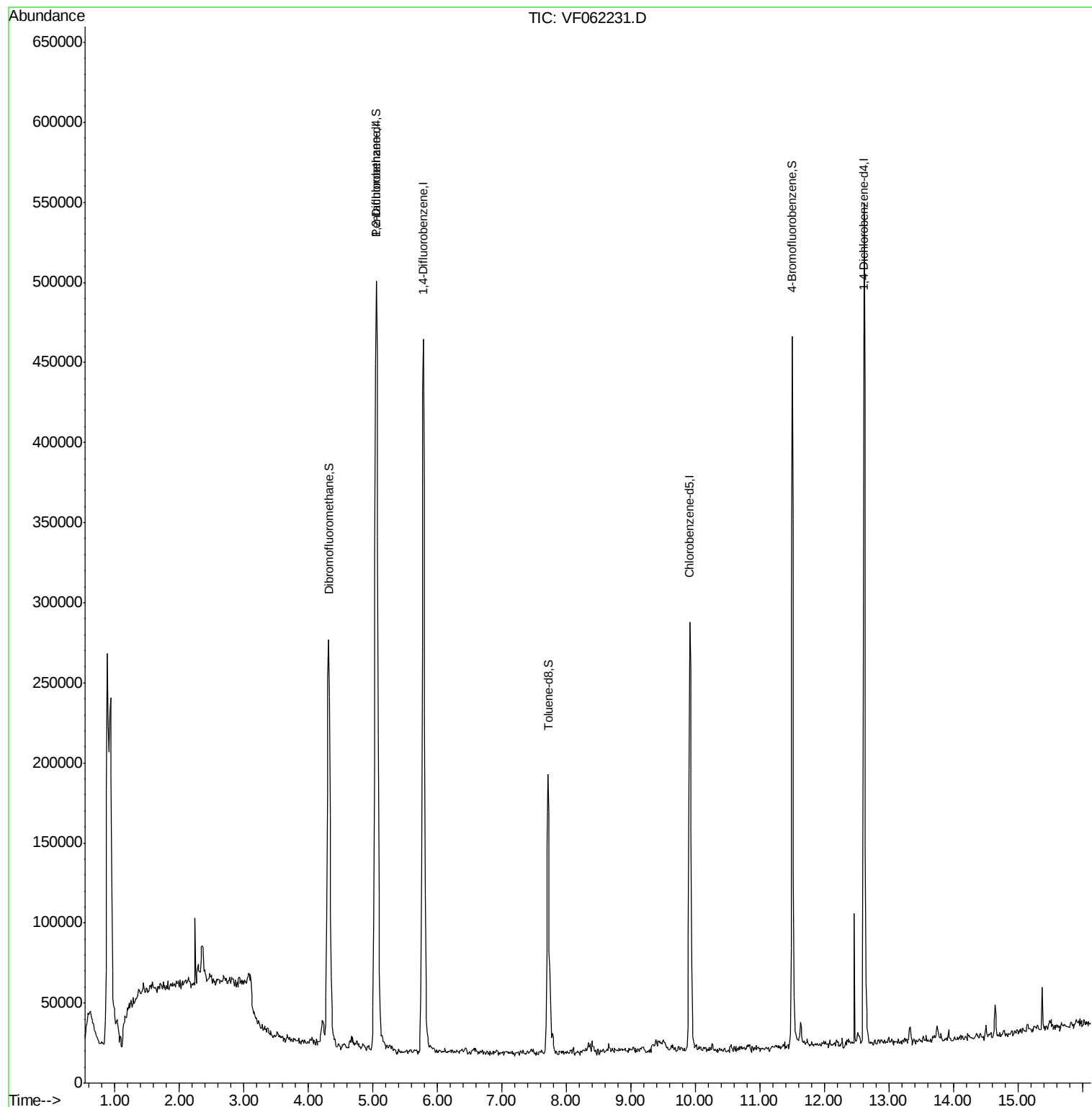
Target Compounds	Qvalue

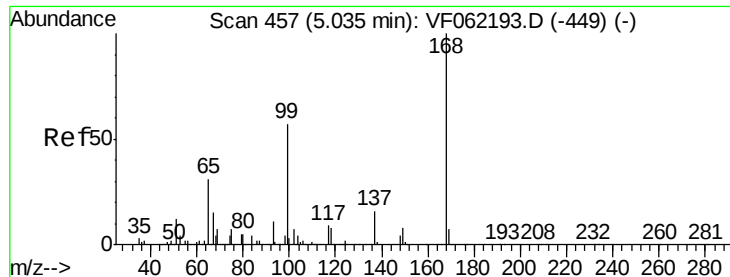
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062231.D

Acq: 19 Apr 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

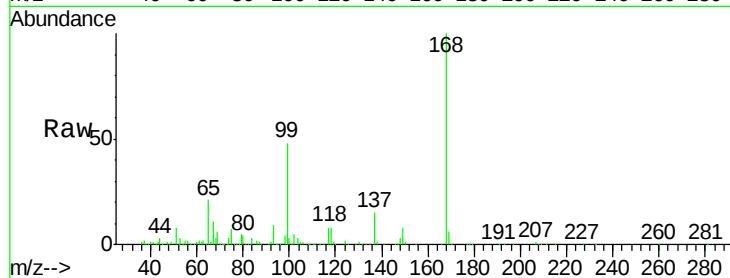
FK-PS-01-045RE

Tot Ion:168 Resp: 397620

Ion Ratio Lower Upper

168 100

99 47.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

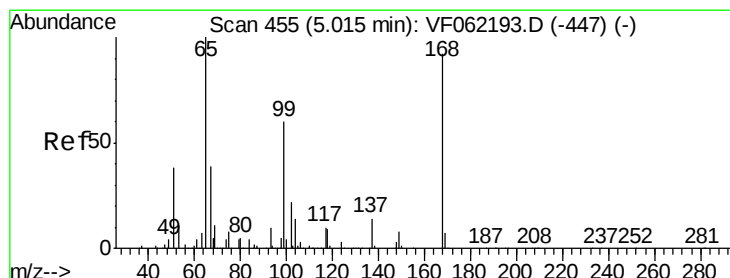
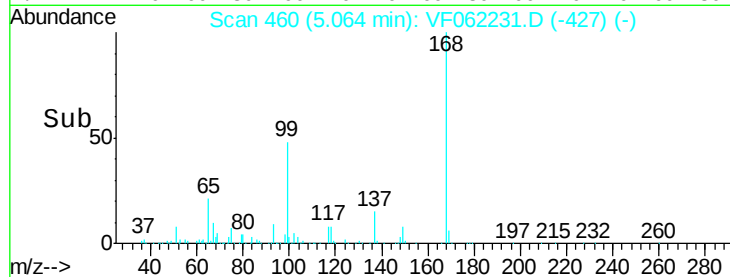
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.600 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062231.D

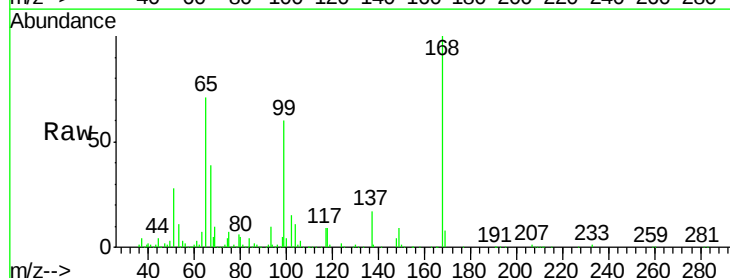
Acq: 19 Apr 2019 18:10

Tgt Ion: 65 Resp: 180838

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

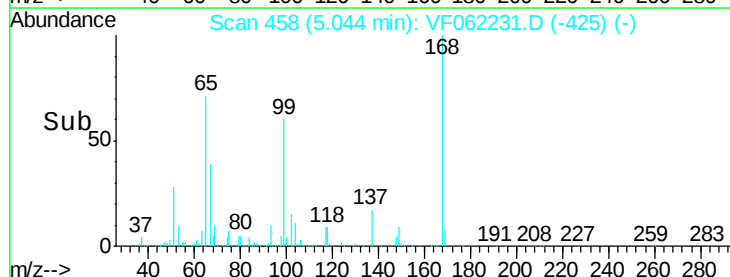
60000

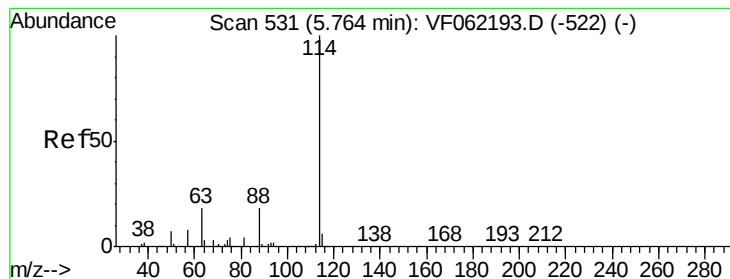
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062231.D

Acq: 19 Apr 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

FK-PS-01-045RE

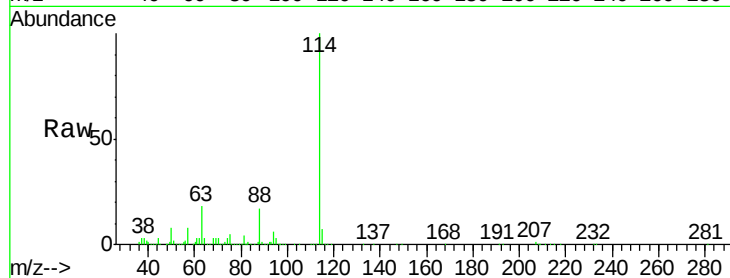
Tot Ion:114 Resp: 544506

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

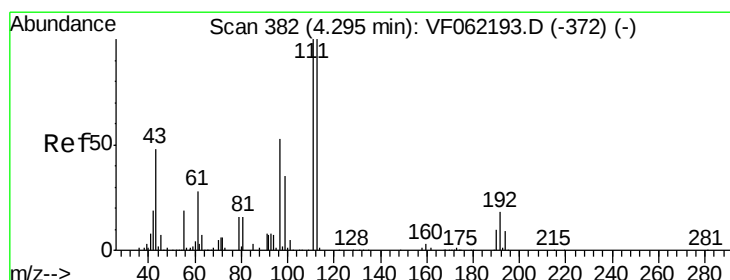
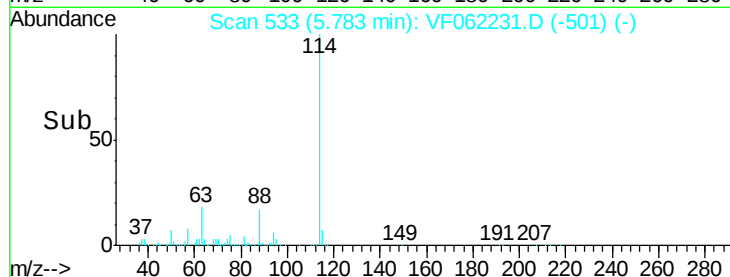
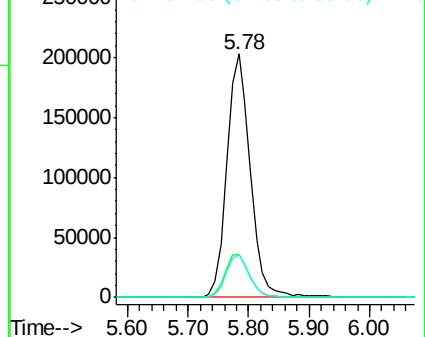
88 17.3 0.0 35.8



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: 51.384 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062231.D

Acq: 19 Apr 2019 18:10

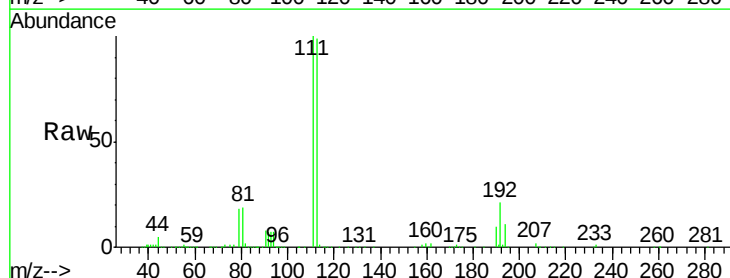
Tgt Ion:113 Resp: 244740

Ion Ratio Lower Upper

113 100

111 100.4 81.1 121.7

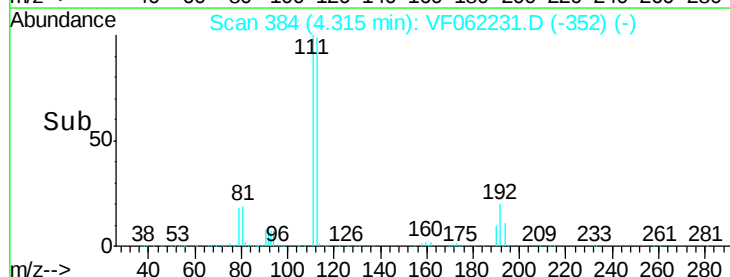
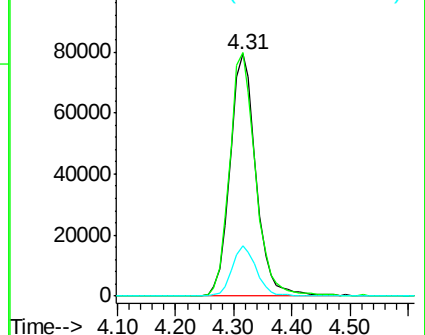
192 19.6 14.7 22.1

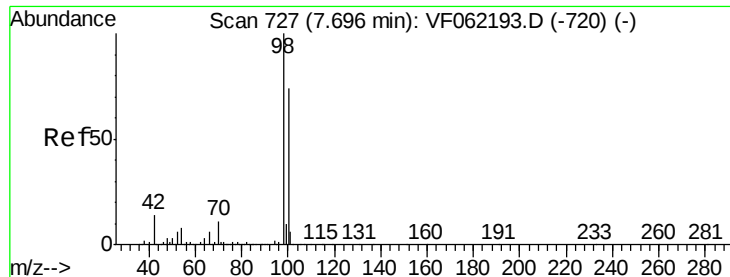


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

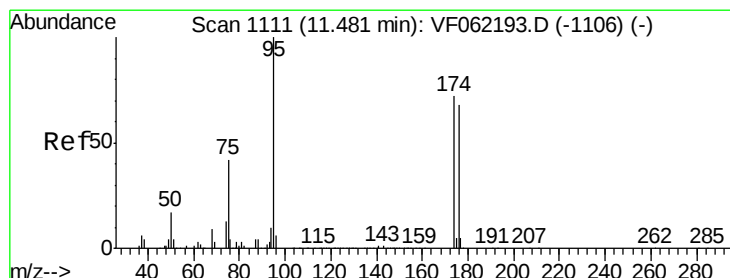
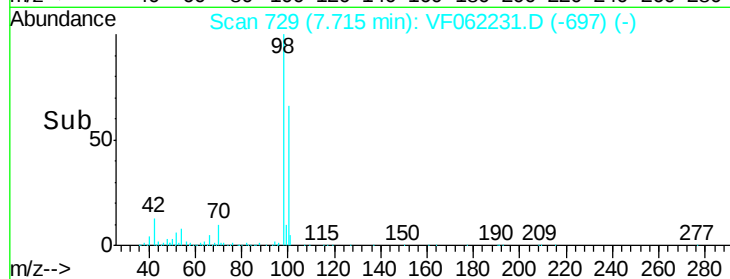
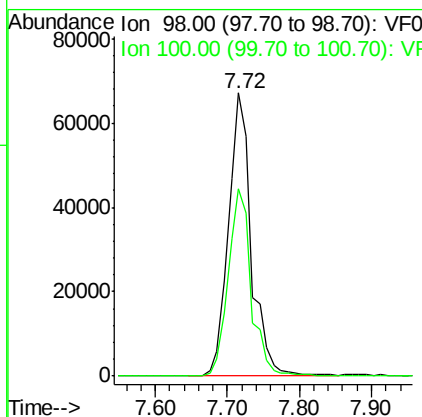
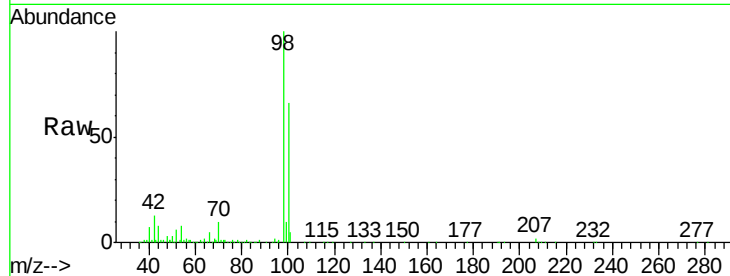




#50
Toluene-d8
Concen: 12.340 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062231.D
Acq: 19 Apr 2019 18:10

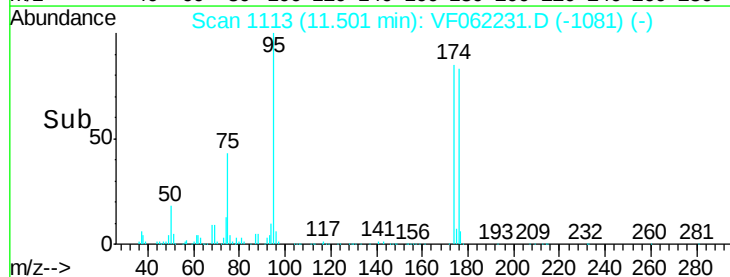
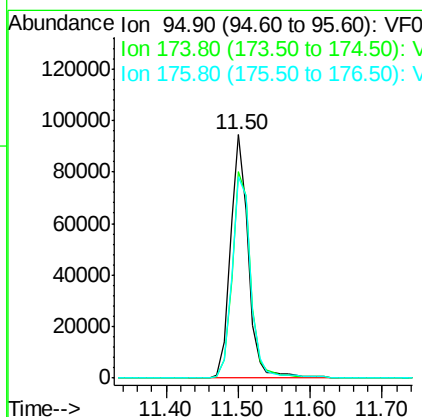
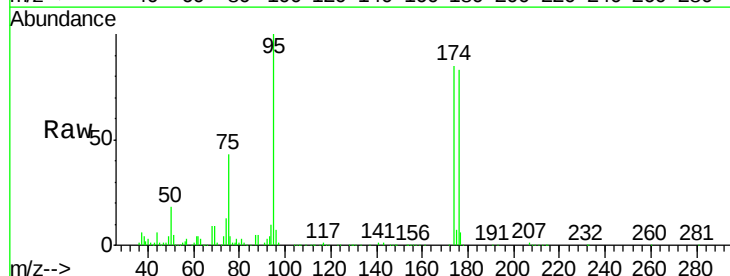
Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-045RE

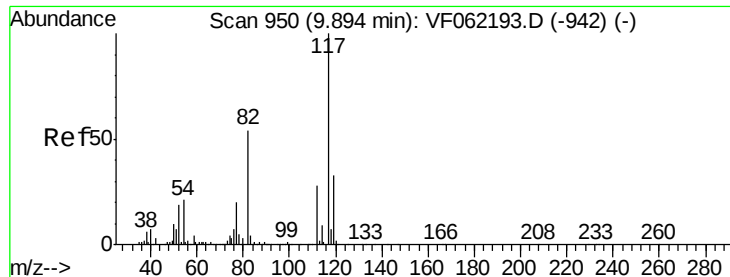
Tot Ion: 98 Resp: 148783
Ion Ratio Lower Upper
98 100
100 66.8 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 34.705 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062231.D
Acq: 19 Apr 2019 18:10

Tgt Ion: 95 Resp: 160970
Ion Ratio Lower Upper
95 100
174 88.8 0.0 159.4
176 88.3 0.0 155.4

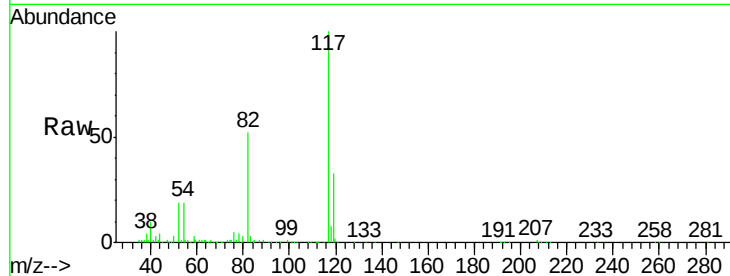




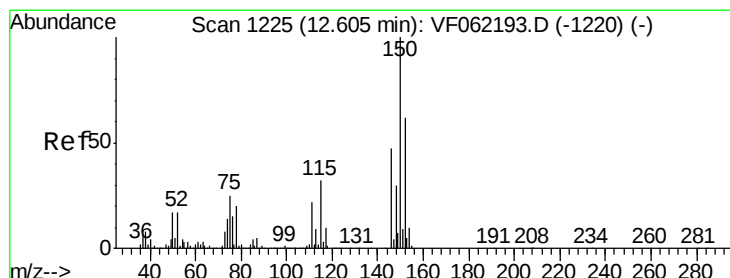
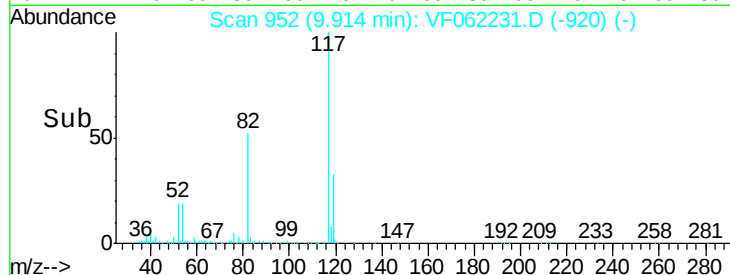
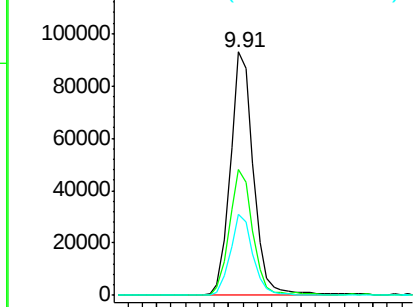
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062231.D
Acq: 19 Apr 2019 18:10

Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-045RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.2	64.8
119	33.1	26.2	39.4

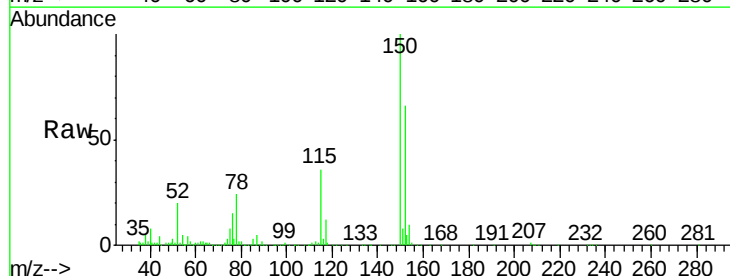


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062231.D
Acq: 19 Apr 2019 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.8	83.3
150	154.5	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

