

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062547.D
 Acq On : 13 May 2019 17:47
 Operator : FY/SY
 Sample : K2771-02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 14 07:41:57 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

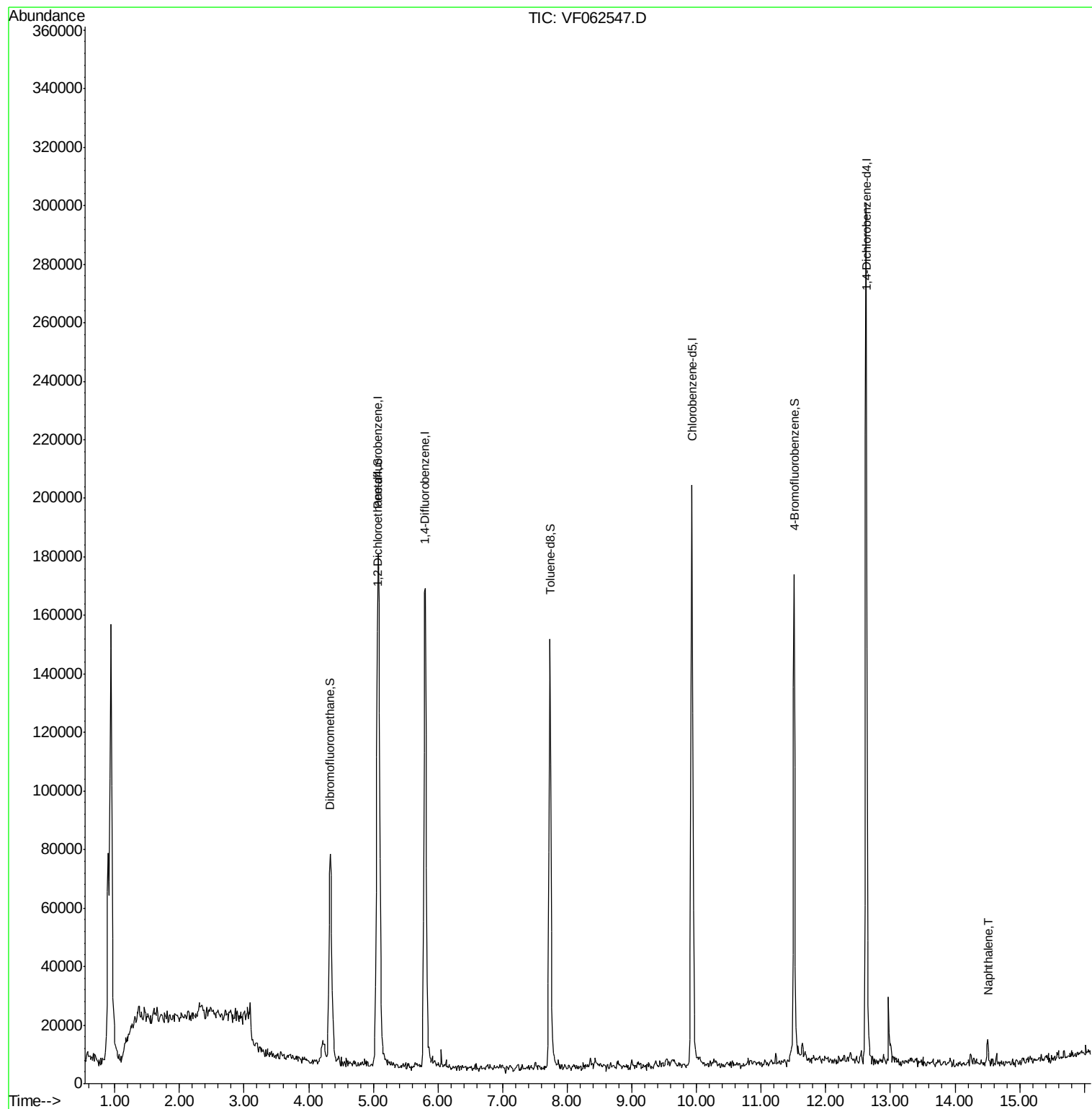
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	151398	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	182376	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	147987	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	79469	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	52586	36.75	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.50%	
35) Dibromofluoromethane	4.34	113	64425	44.34	ug/l	0.03
Spiked Amount 50.000			Recovery	=	88.68%	
50) Toluene-d8	7.74	98	124561	35.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.84%	
62) 4-Bromofluorobenzene	11.51	95	53317	33.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.20%	
Target Compounds						
95) Naphthalene	14.51	128	6890	2.338	ug/l #	Qvalue 96

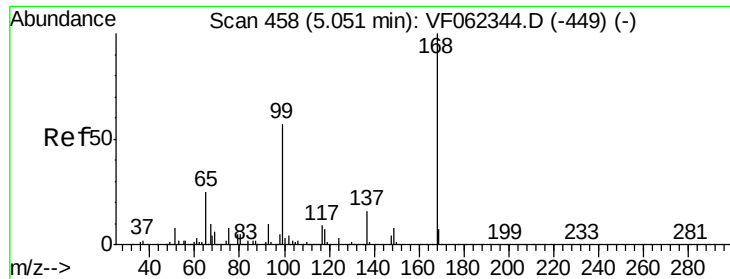
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062547.D

Acq: 13 May 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

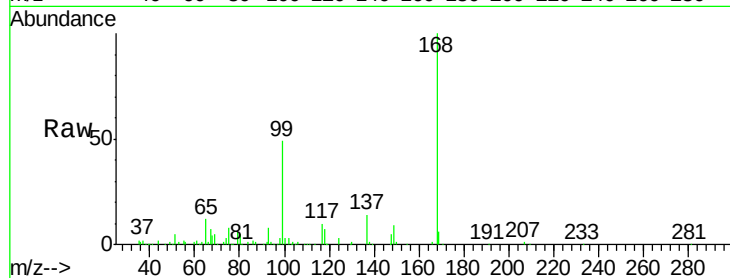
FK-PS-01-047

Tot Ion:168 Resp: 151398

Ion Ratio Lower Upper

168 100

99 49.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.08

60000

50000

40000

30000

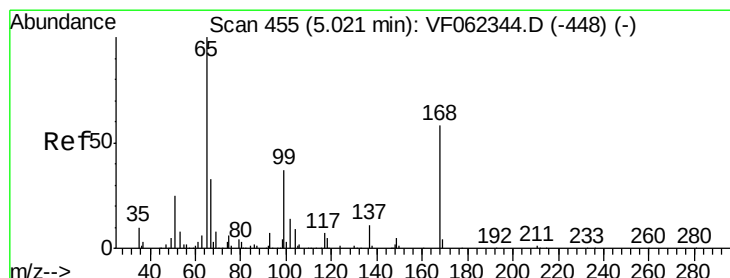
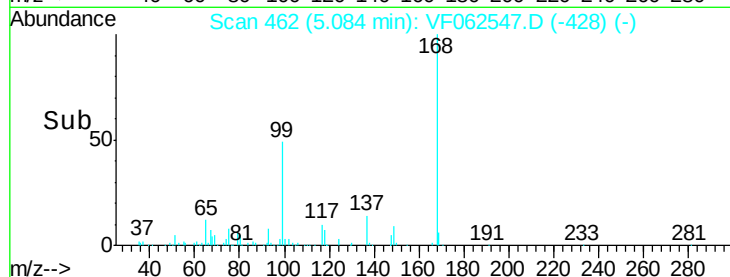
20000

10000

0

Time-->

5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 36.753 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062547.D

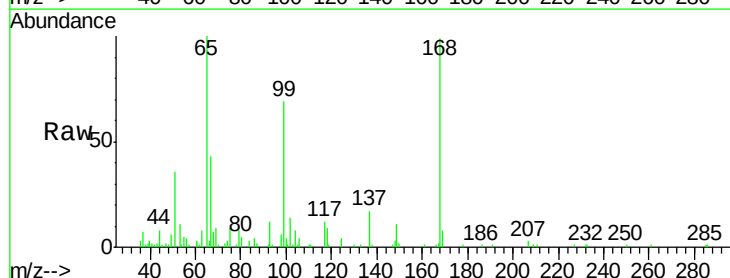
Acq: 13 May 2019 17:47

Tgt Ion: 65 Resp: 52586

Ion Ratio Lower Upper

65 100

67 45.5 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

20000

15000

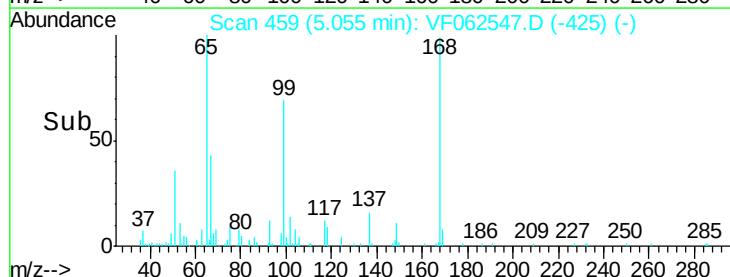
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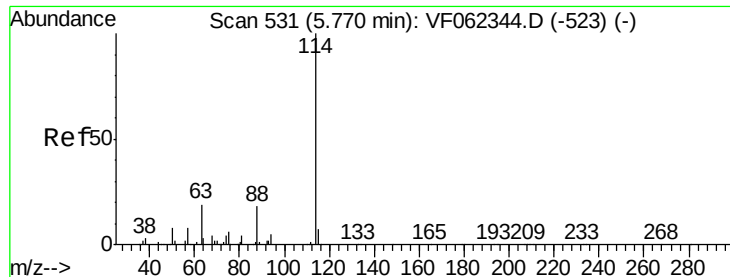
5000

0

Time-->

4.90 5.00 5.10 5.20

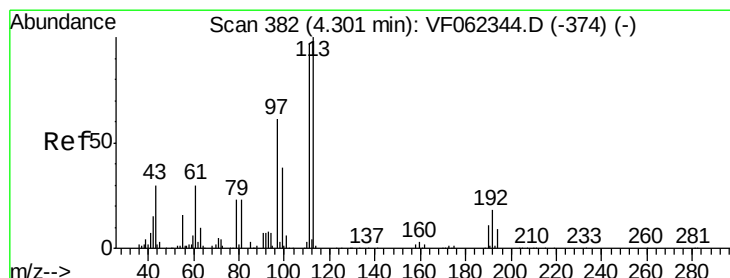
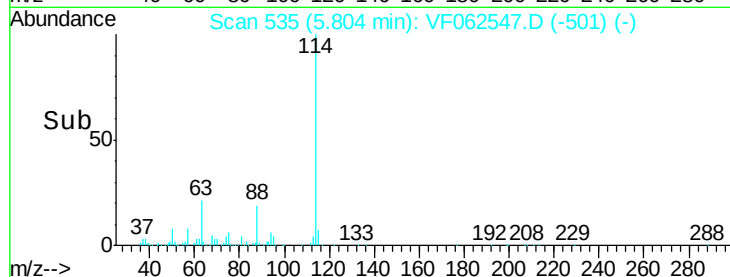
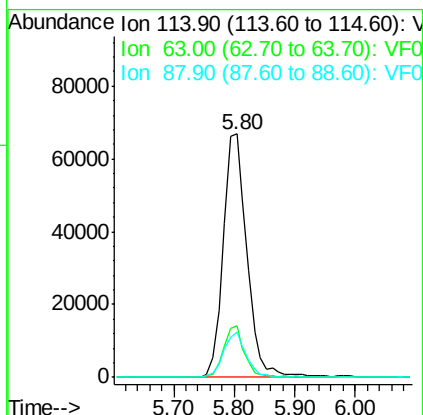
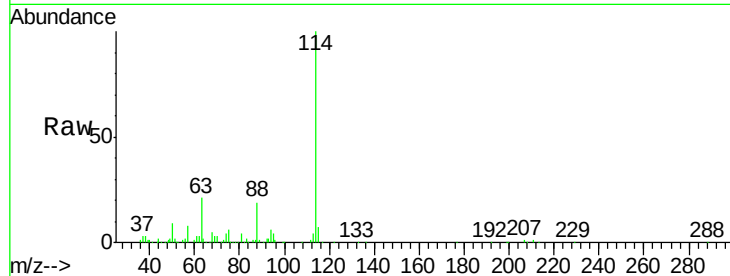




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VF062547.D
 Acq: 13 May 2019 17:47

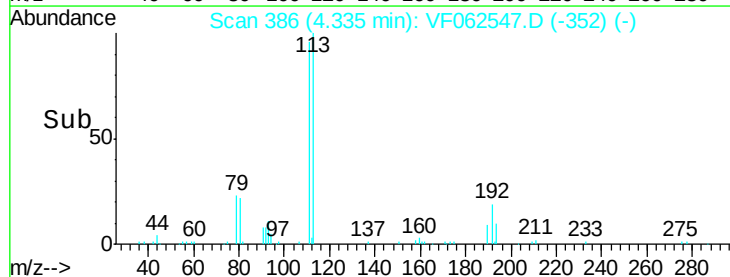
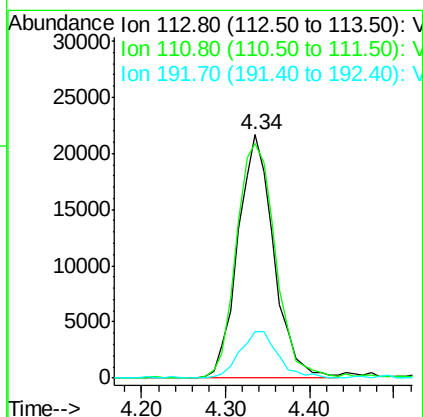
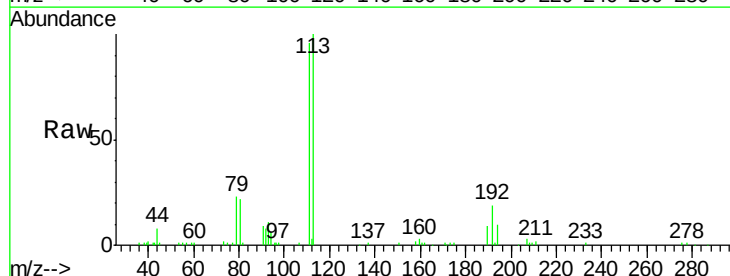
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-PS-01-047

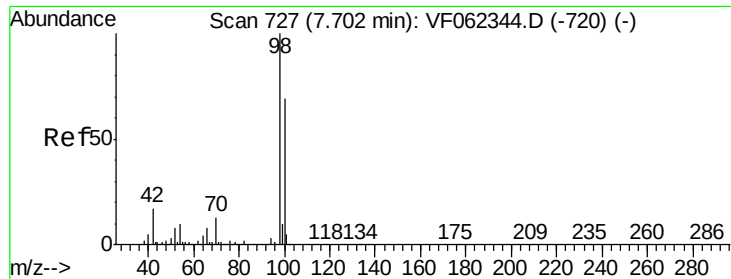
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	18.7	0.0	36.4



#35
 Dibromofluoromethane
 Concen: 44.341 ug/l
 RT: 4.34 min Scan# 386
 Delta R.T. 0.03 min
 Lab File: VF062547.D
 Acq: 13 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	79.4	119.0
192	20.5	16.0	24.0

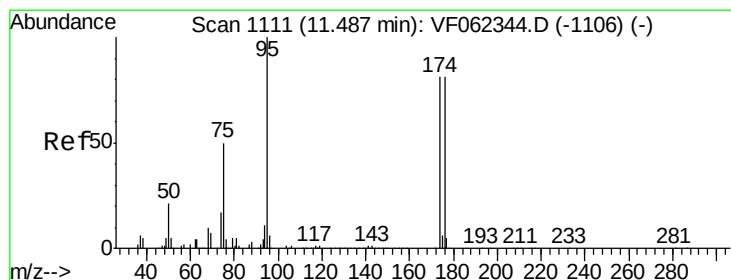
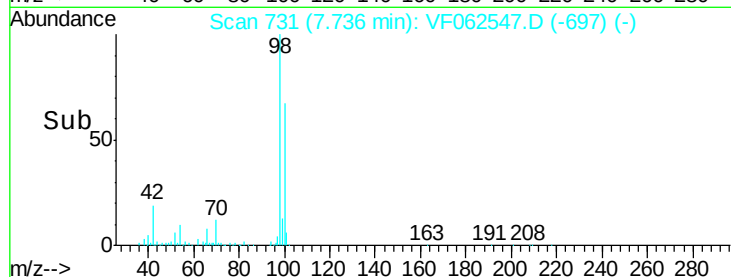
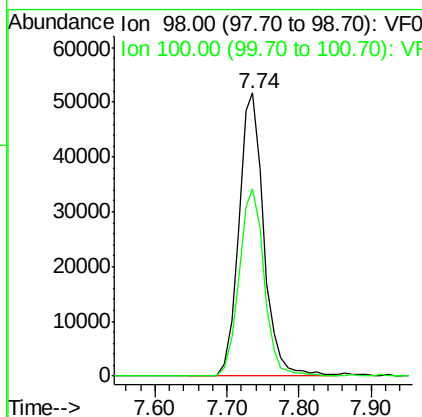
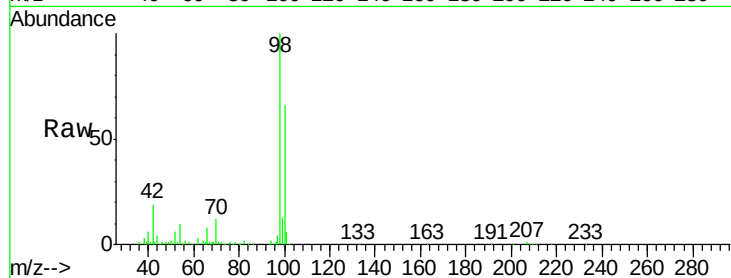




#50
Toluene-d8
Concen: 35.416 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062547.D
Acq: 13 May 2019 17:47

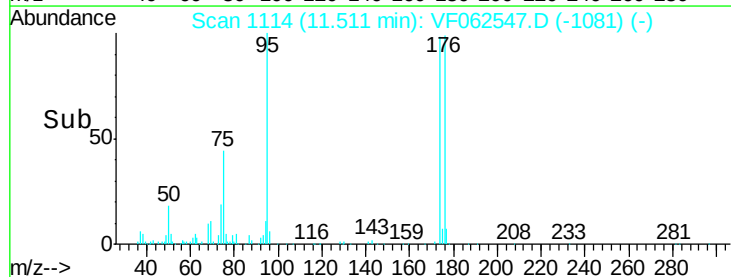
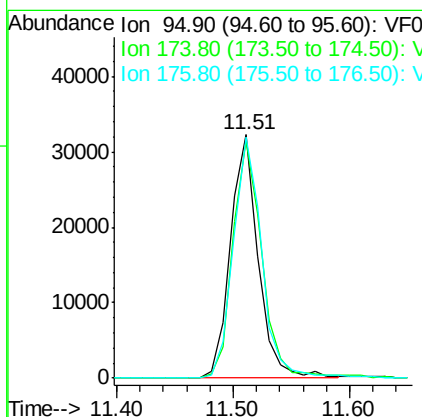
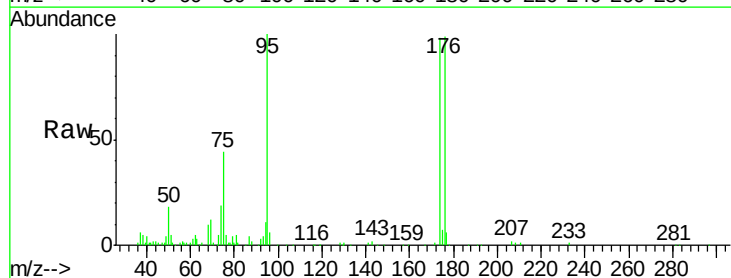
Instrument :
MSVOA_F
ClientSampleId :
FK-PS-01-047

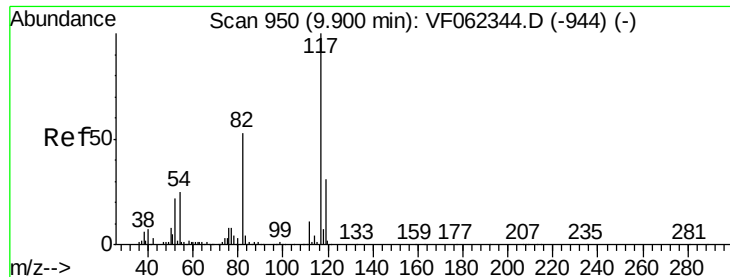
Tot Ion: 98 Resp: 124561
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 33.601 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062547.D
Acq: 13 May 2019 17:47

Tgt Ion: 95 Resp: 53317
Ion Ratio Lower Upper
95 100
174 103.0 0.0 191.8
176 101.9 0.0 193.2

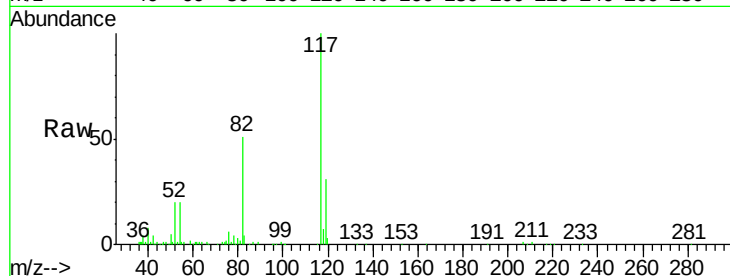




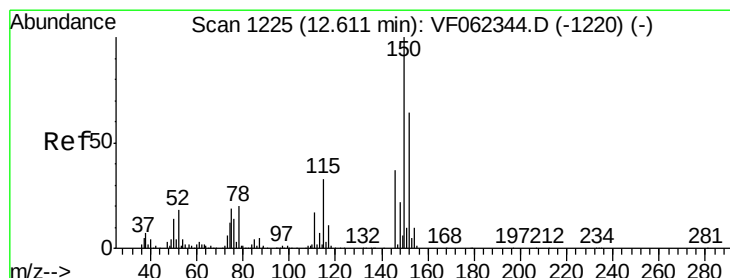
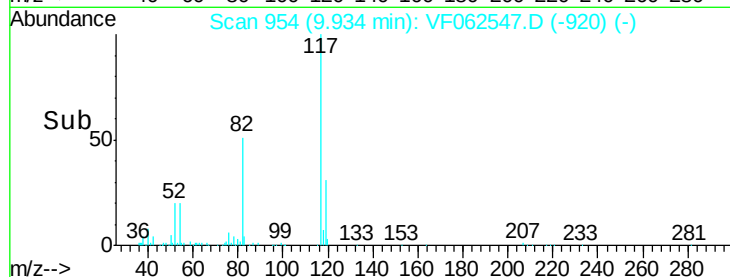
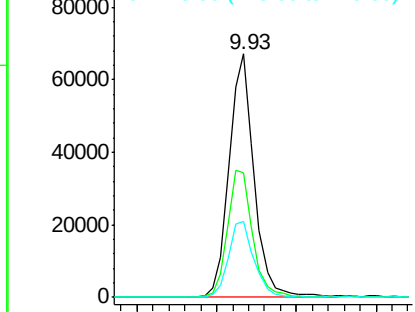
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062547.D
Acq: 13 May 2019 17:47

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.2	63.2
119	31.4	25.0	37.4

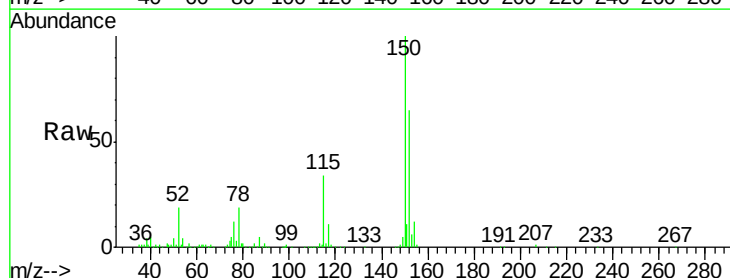


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

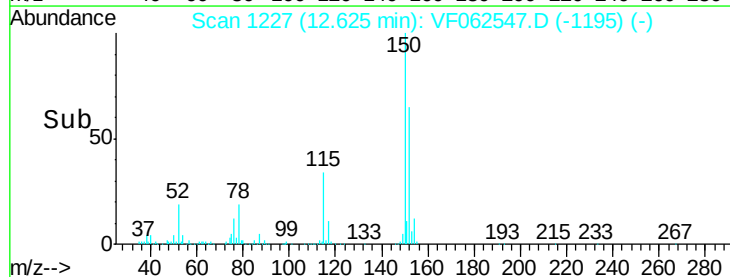
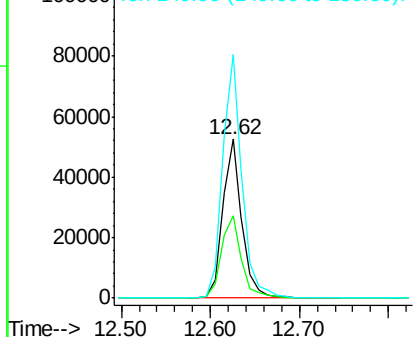


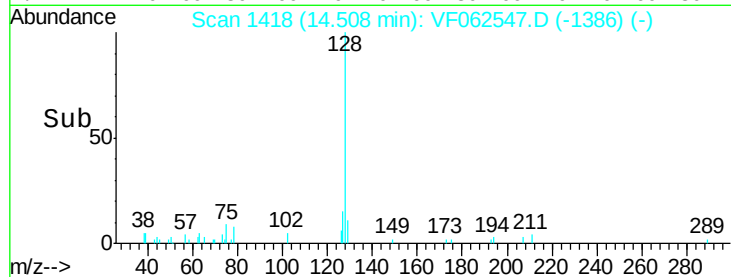
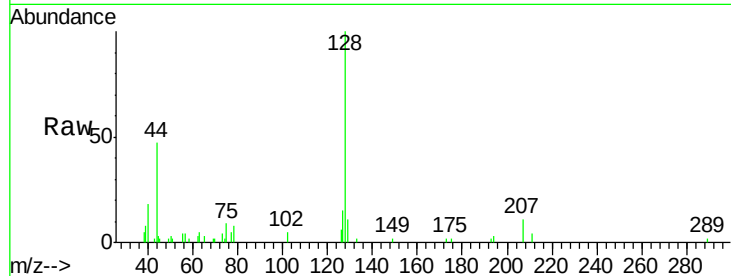
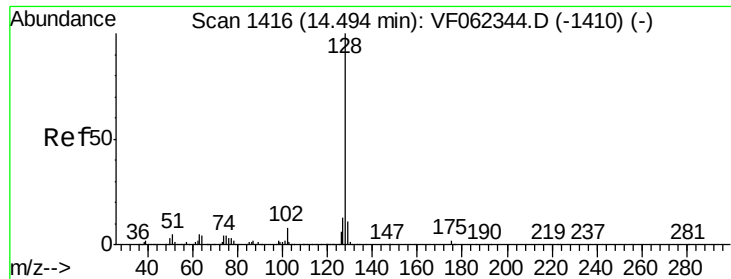
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062547.D
Acq: 13 May 2019 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.4	79.2
150	154.9	0.0	335.0



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





#95

Naphthalene

Concen: 2.338 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VF062547.D

Acq: 13 May 2019 17:47

Instrument :

MSVOA_F

ClientSampleId :

FK-PS-01-047

Tot Ion:128 Resp: 6890

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 7.8 8.6 12.8#

