

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042419\
 Data File : VF062284.D
 Acq On : 24 Apr 2019 16:46
 Operator : FY/SY
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Quant Time: Apr 25 08:28:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 07:31:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	503489	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.79	114	700737	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	516212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	336912	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	197430	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
35) Dibromofluoromethane	4.32	113	266727	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	7.71	98	556630	43.71	ug/l	-0.01
Spiked Amount			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	11.50	95	263005	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

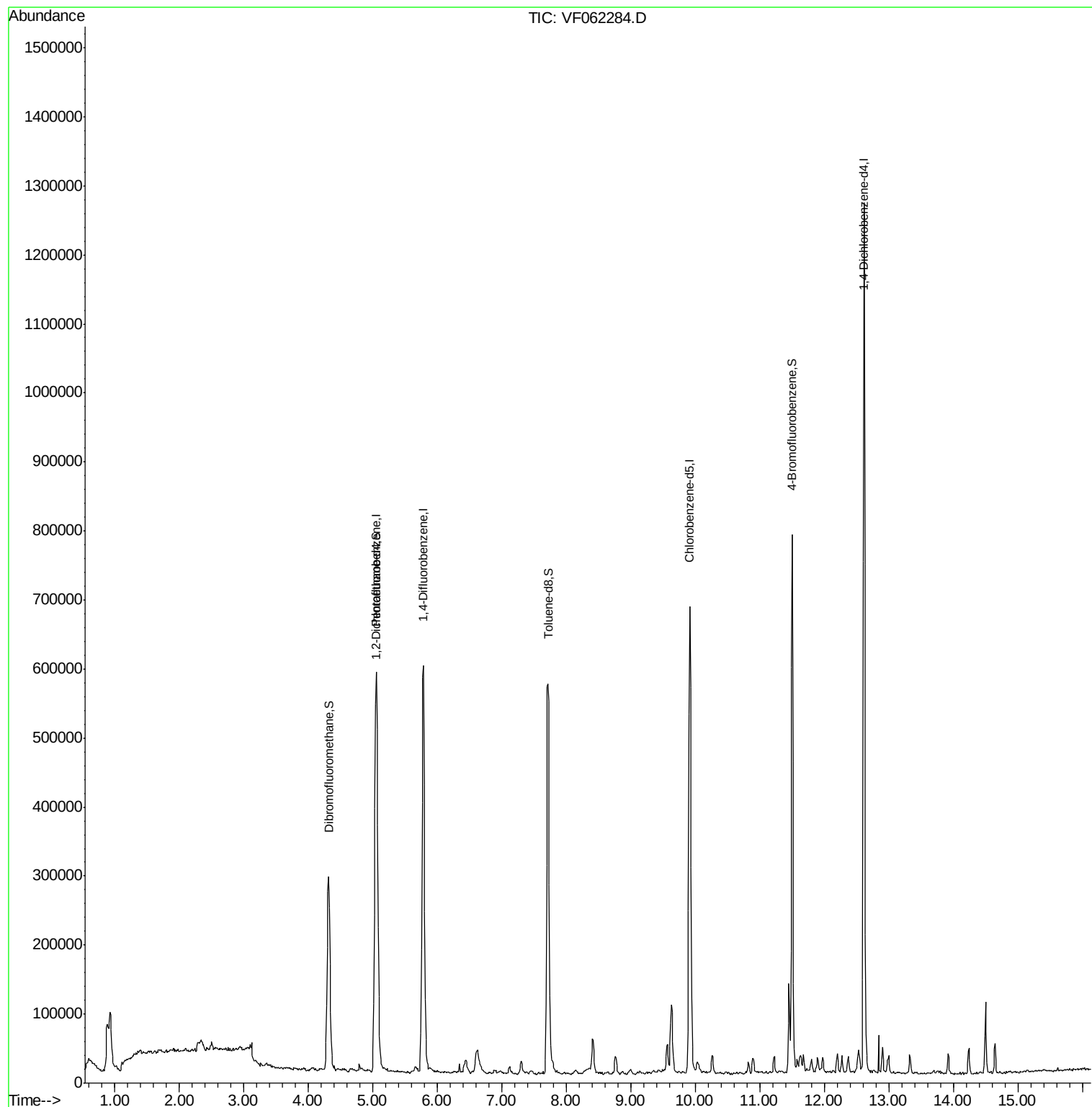
Target Compounds	Qvalue
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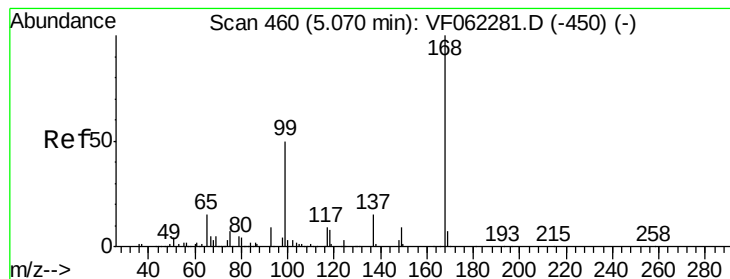
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062284.D

Acq: 24 Apr 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

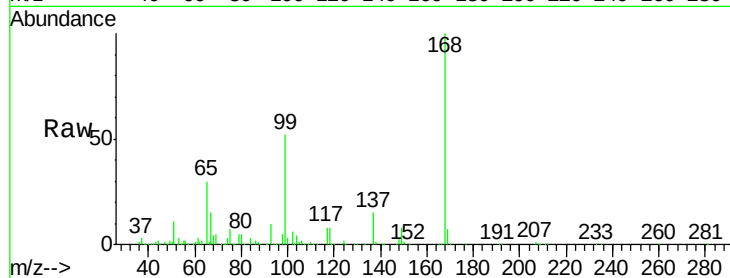
VIBLK

Tot Ion:168 Resp: 503489

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

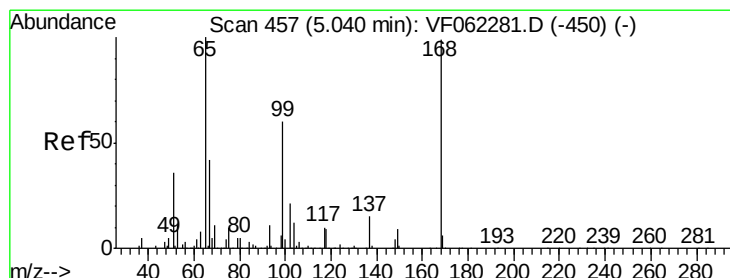
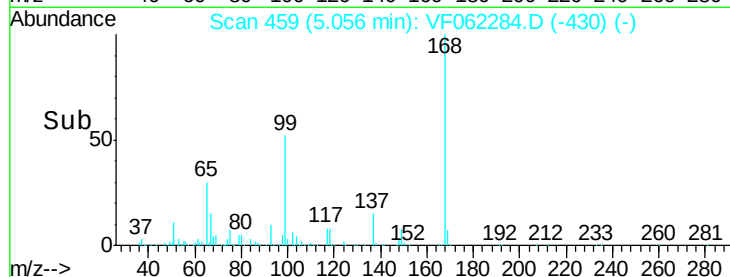
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.357 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF062284.D

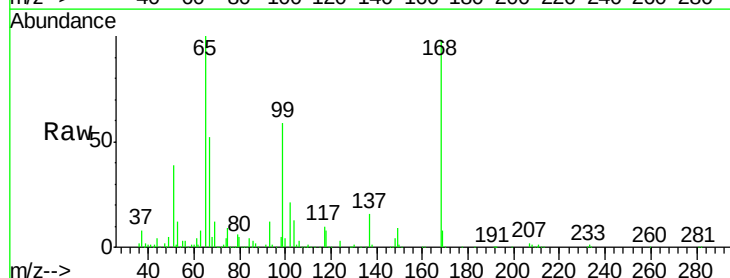
Acq: 24 Apr 2019 16:46

Tgt Ion: 65 Resp: 197430

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

80000

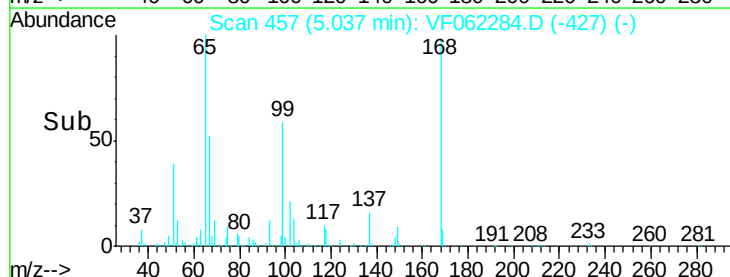
60000

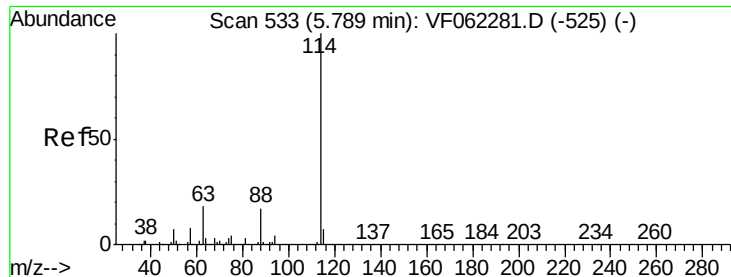
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.00 min

Lab File: VF062284.D

Acq: 24 Apr 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

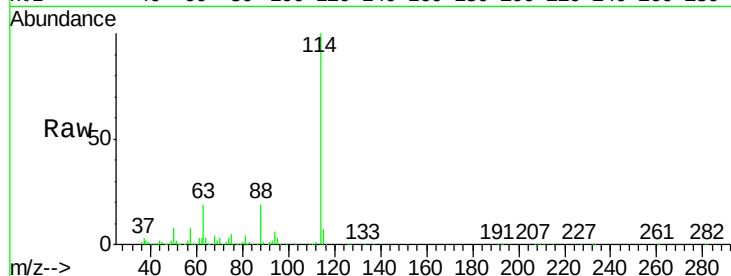
Tot Ion:114 Resp: 700737

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

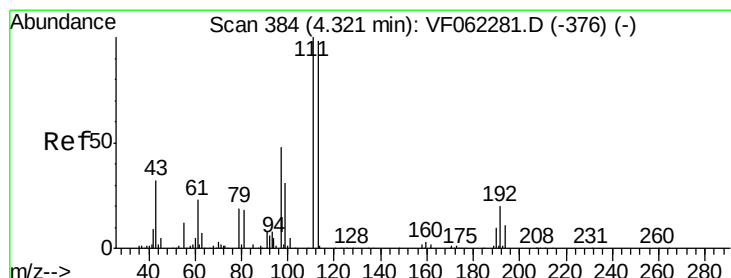
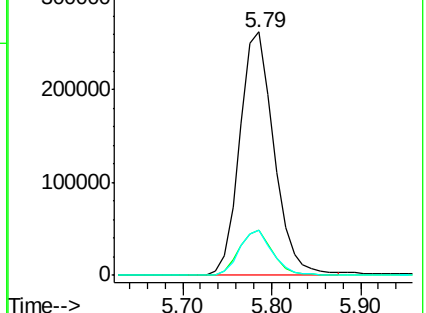
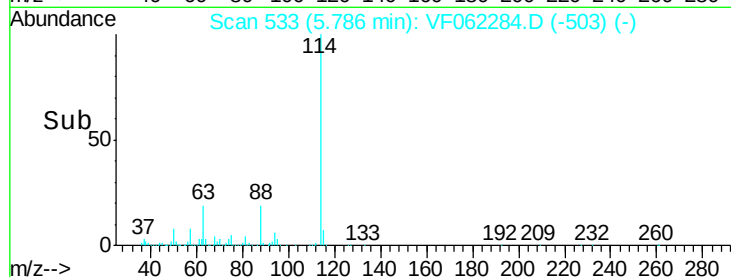
88 18.6 0.0 34.6



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: 50.014 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VF062284.D

Acq: 24 Apr 2019 16:46

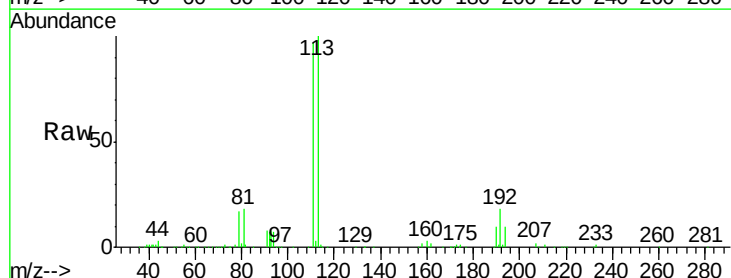
Tgt Ion:113 Resp: 266727

Ion Ratio Lower Upper

113 100

111 98.2 81.4 122.2

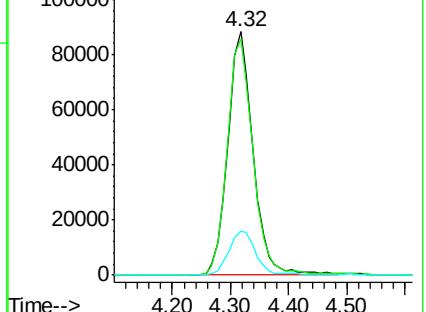
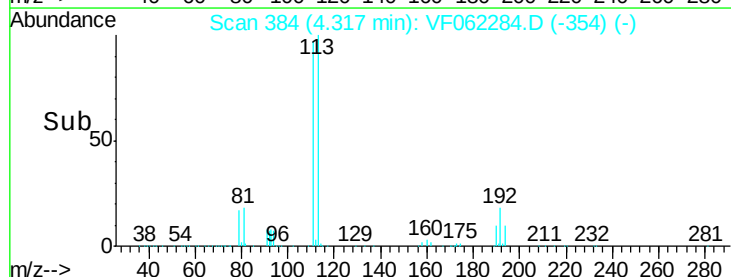
192 18.9 17.0 25.4

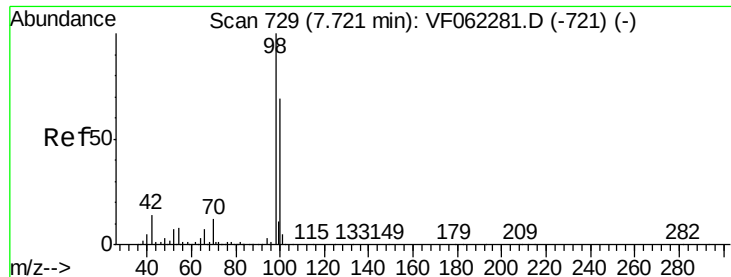


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

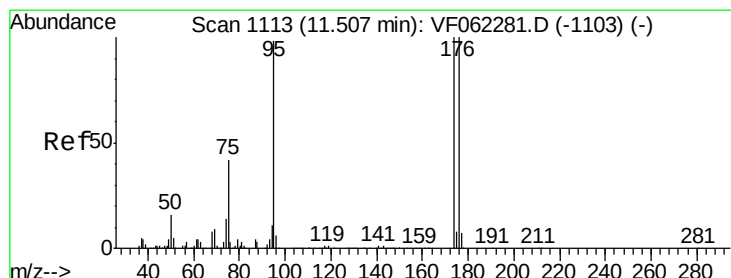
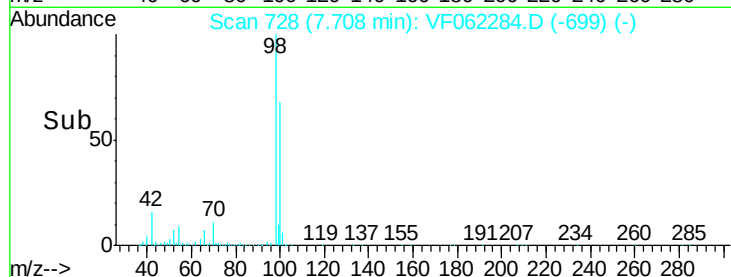
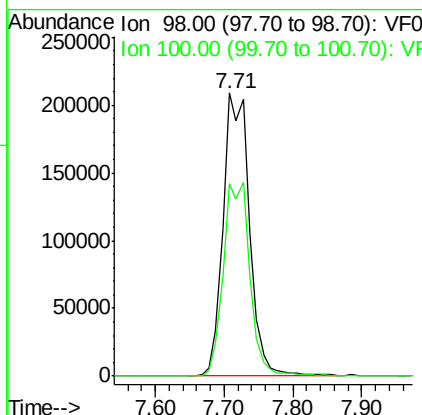
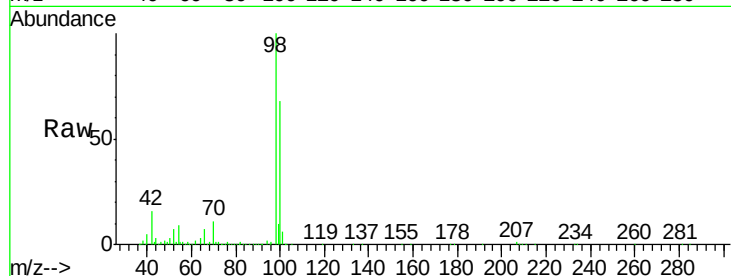




#50
Toluene-d8
Concen: 43.710 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF062284.D
Acq: 24 Apr 2019 16:46

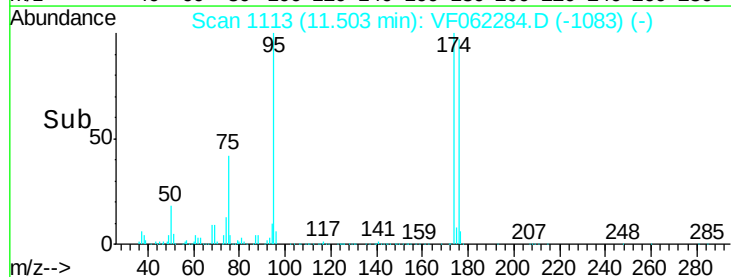
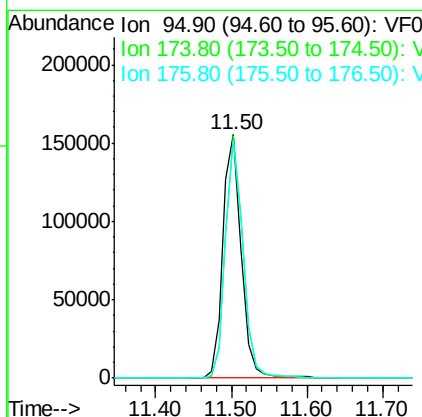
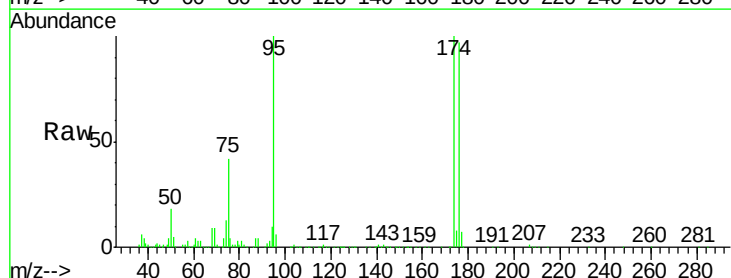
Instrument :
MSVOA_F
ClientSampleId :
VIBLK

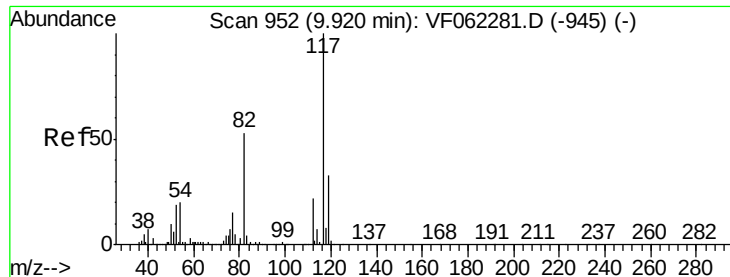
Tot Ion: 98 Resp: 556630
Ion Ratio Lower Upper
98 100
100 68.9 54.4 81.6



#62
4-Bromofluorobenzene
Concen: 49.003 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062284.D
Acq: 24 Apr 2019 16:46

Tgt Ion: 95 Resp: 263005
Ion Ratio Lower Upper
95 100
174 95.2 0.0 185.2
176 94.5 0.0 184.8

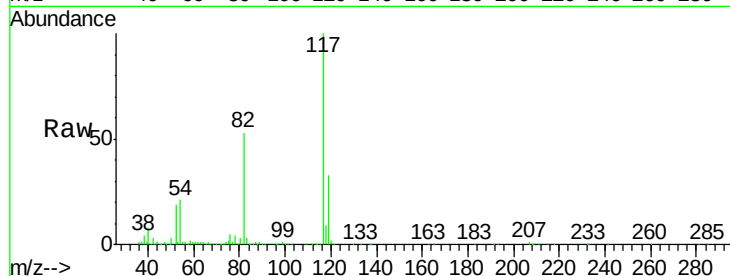




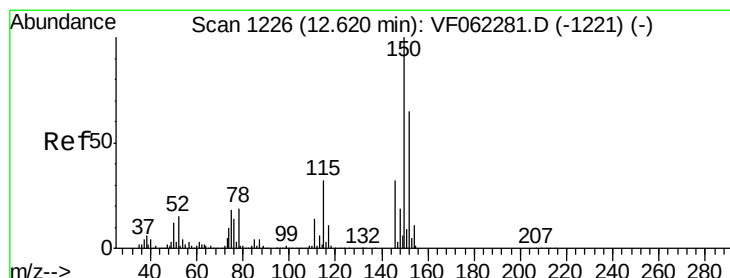
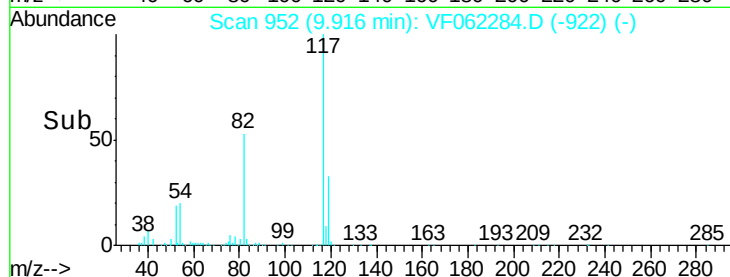
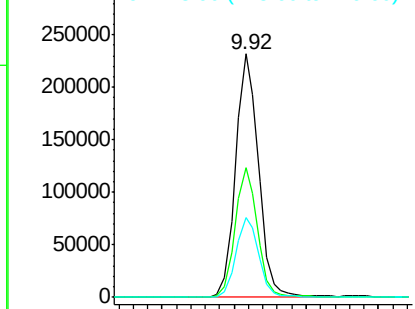
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF062284.D
Acq: 24 Apr 2019 16:46

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 516212
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 32.7 26.1 39.1

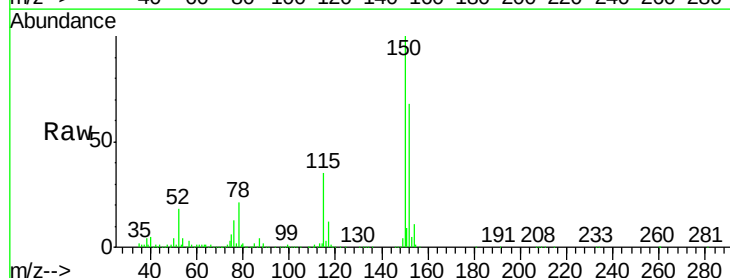


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062284.D
Acq: 24 Apr 2019 16:46

Tgt Ion:152 Resp: 336912
Ion Ratio Lower Upper
152 100
115 52.2 25.6 76.8
150 149.5 0.0 330.6



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

