

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059537.D
 Acq On : 19 Jul 2018 2:45
 Operator : VA/AP
 Sample : J3991-01
 Misc : 5.97g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-1-A

Quant Time: Jul 19 06:57:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	229316	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	337932	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	358336	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	199619	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	177088	49.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	4.28	113	153254	52.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	7.70	98	336250	45.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.51	95	178700	46.21	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.42%	

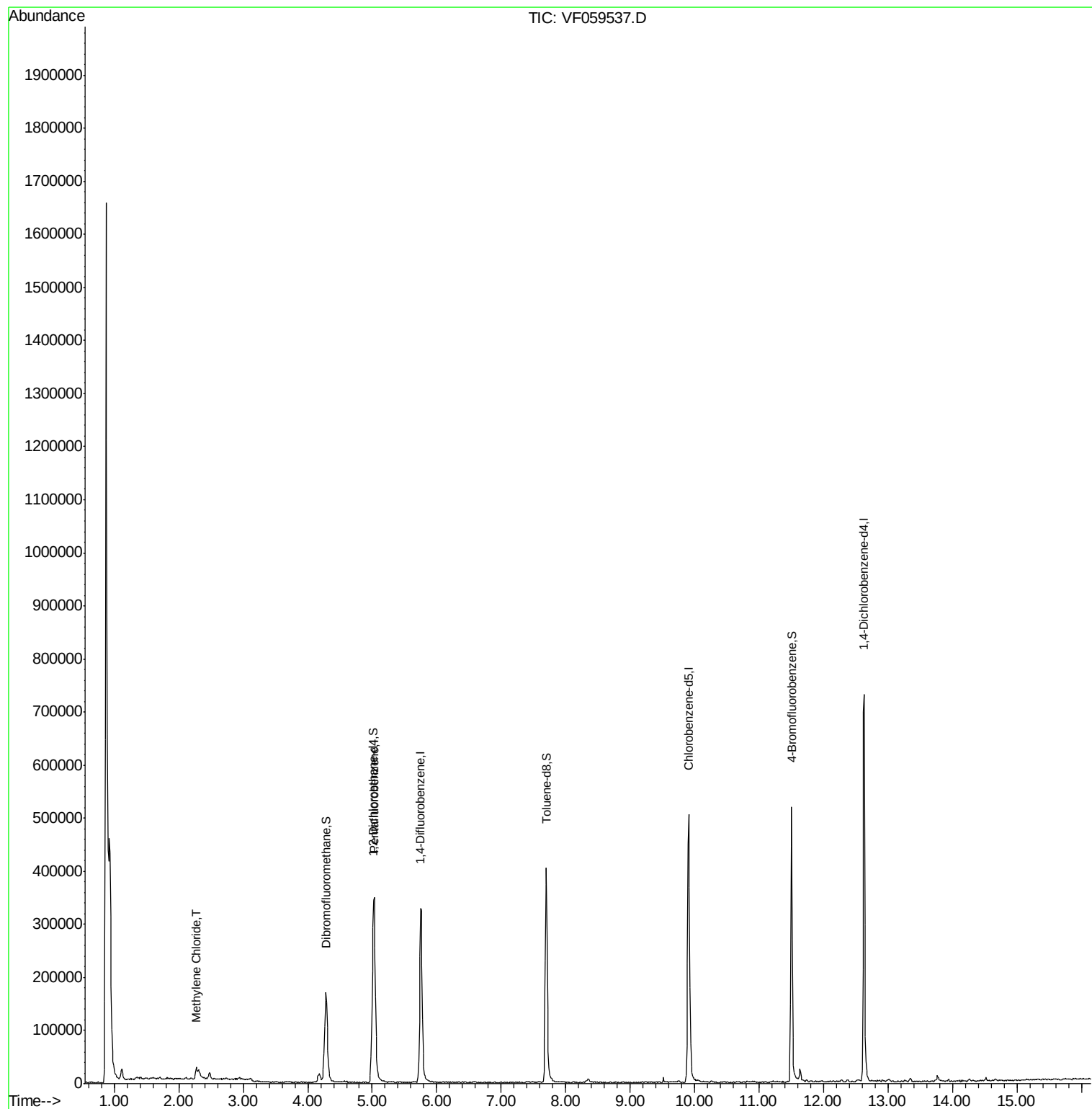
Target Compounds						Qvalue
20) Methylene Chloride	2.27	84	15246	5.39	ug/l	# 75

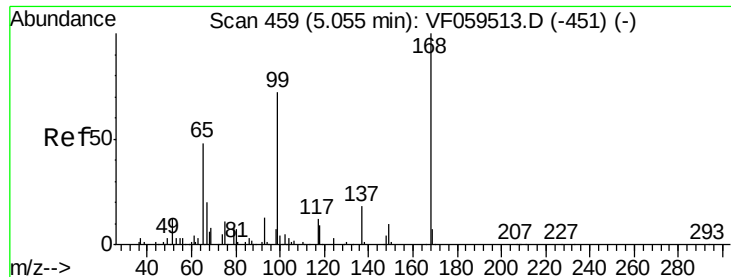
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 04:09:10 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF059537.D

Acq: 19 Jul 2018 2:45

Instrument :

MSVOA_F

ClientSampleId :

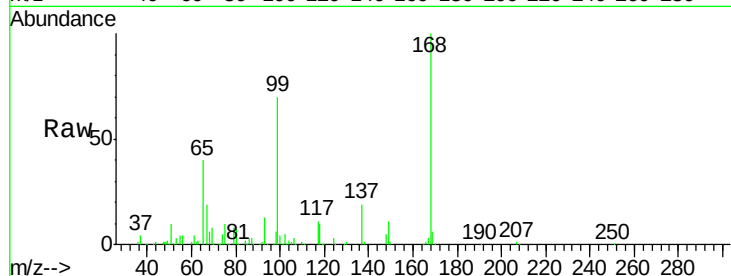
SB-1-A

Tot Ion:168 Resp: 229316

Ion Ratio Lower Upper

168 100

99 69.6 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

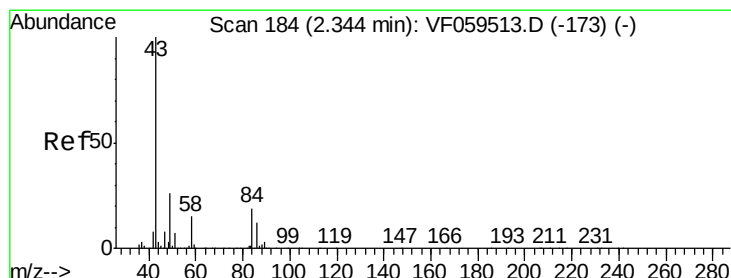
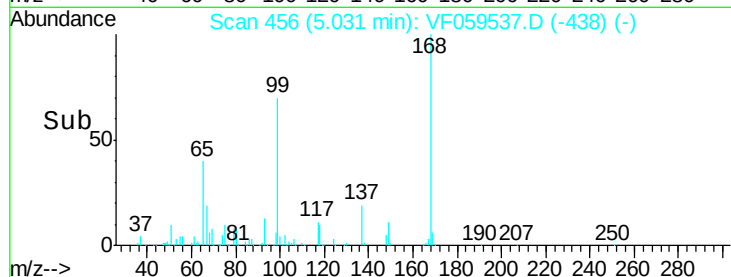
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 5.39 ug/l

RT: 2.27 min Scan# 176

Delta R.T. -0.07 min

Lab File: VF059537.D

Acq: 19 Jul 2018 2:45

Tgt Ion: 84 Resp: 15246

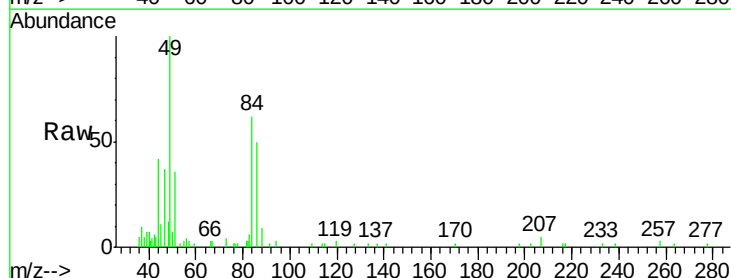
Ion Ratio Lower Upper

84 100

49 161.8 109.4 164.2

51 58.6 30.5 45.7#

86 81.1 47.6 71.4#



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

8000

6000

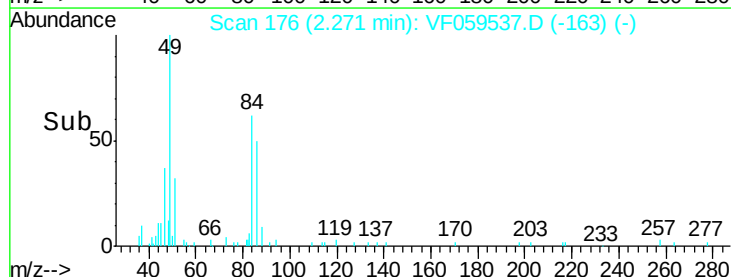
4000

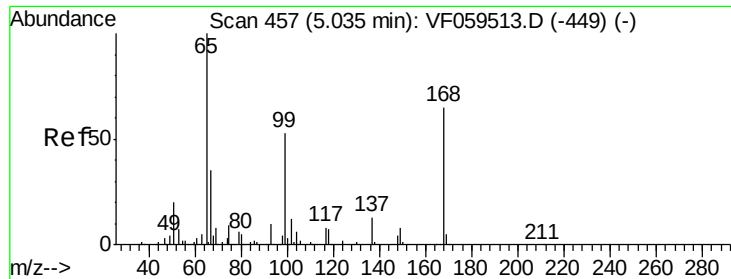
2000

0

Time-->

2.20 2.30 2.40

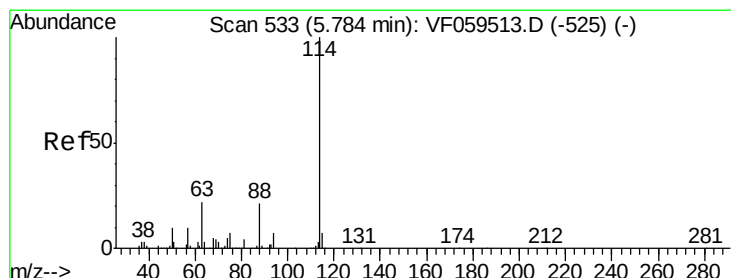
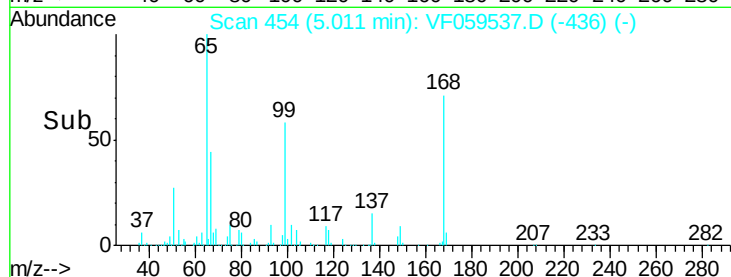
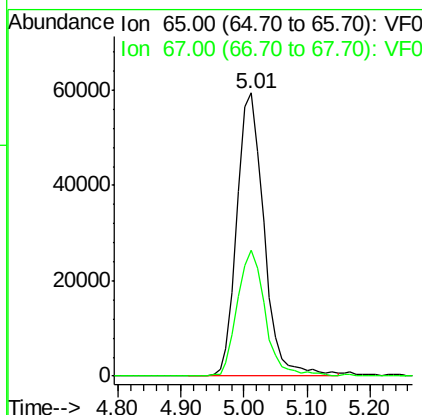
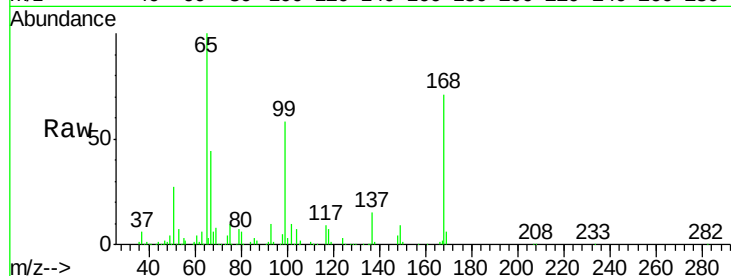




#33
 1,2-Dichloroethane-d4
 Concen: 49.65 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF059537.D
 Acq: 19 Jul 2018 2:45

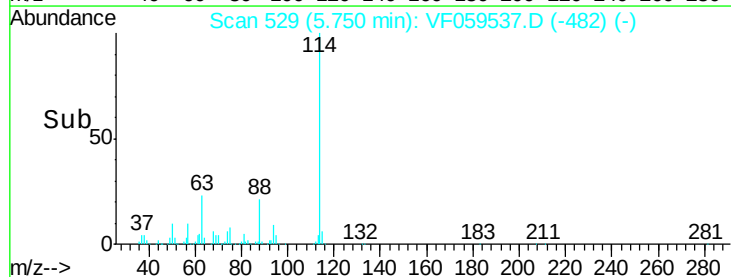
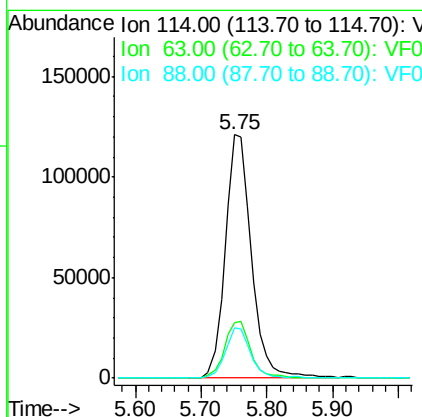
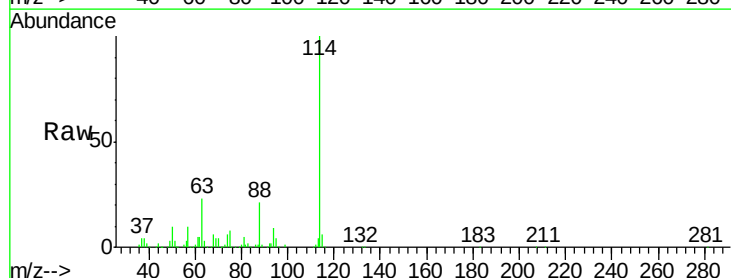
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-1-A

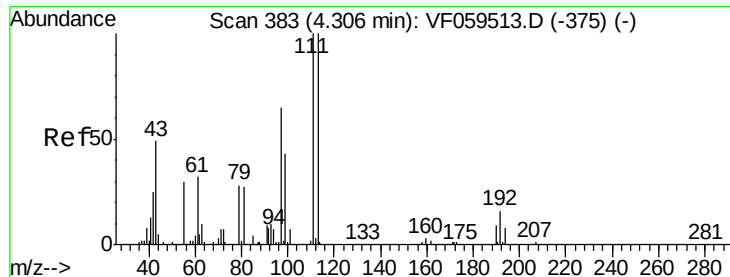
Tot Ion: 65 Resp: 177088
 Ion Ratio Lower Upper
 65 100
 67 44.5 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF059537.D
 Acq: 19 Jul 2018 2:45

Tgt Ion: 114 Resp: 337932
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.8
 88 20.5 0.0 42.6





#35

Dibromofluoromethane

Concen: 52.36 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059537.D

Acq: 19 Jul 2018 2:45

Instrument :

MSVOA_F

ClientSampleId :

SB-1-A

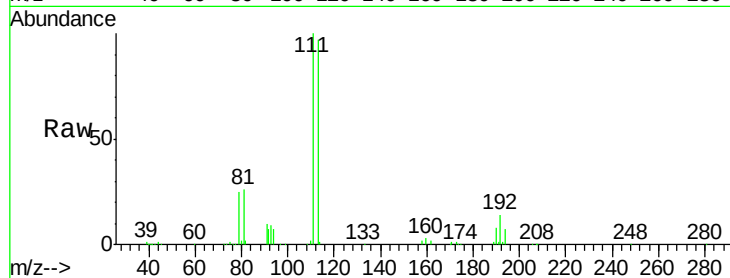
Tot Ion:113 Resp: 153254

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.3	120.5
192	14.3	13.1	19.7

113 100

111 103.2 80.3 120.5

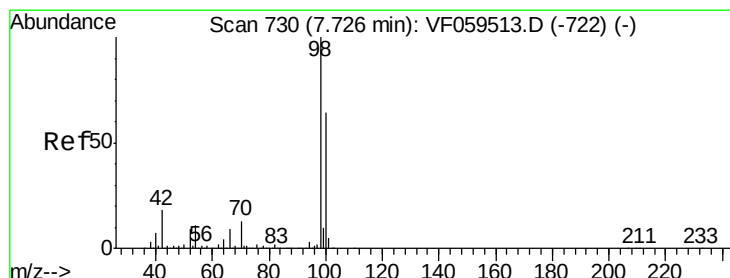
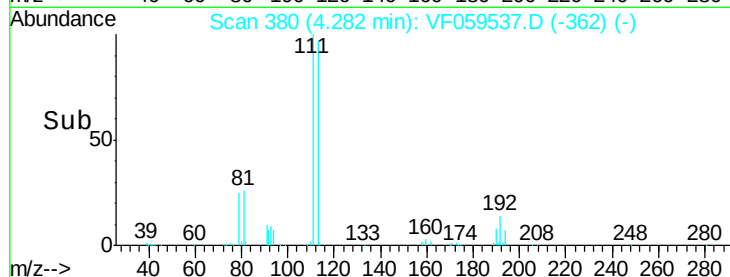
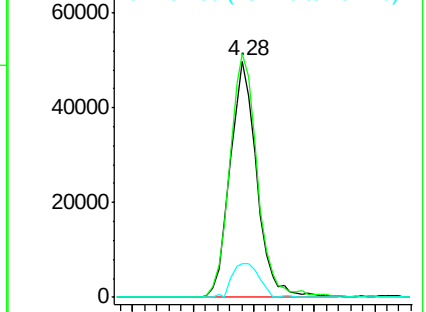
192 14.3 13.1 19.7



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 45.61 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF059537.D

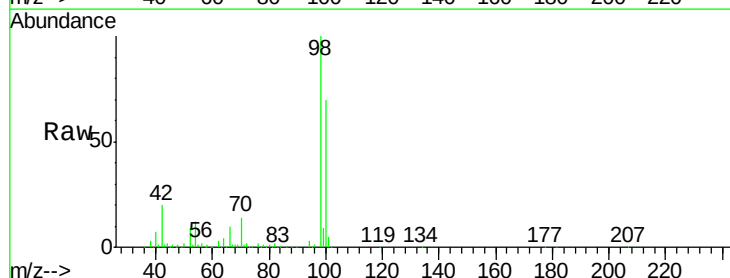
Acq: 19 Jul 2018 2:45

Tgt Ion: 98 Resp: 336250

Ion	Ratio	Lower	Upper
98	100		
100	69.9	50.9	76.3

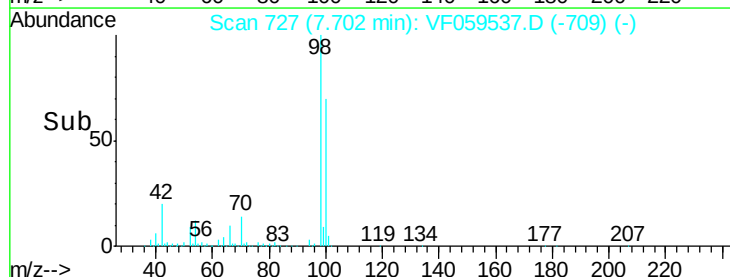
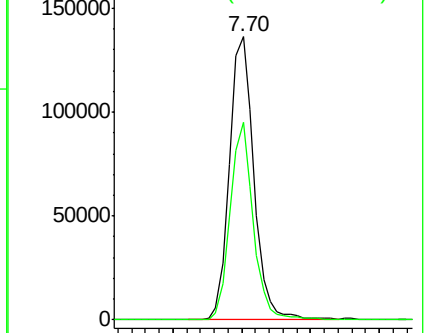
98 100

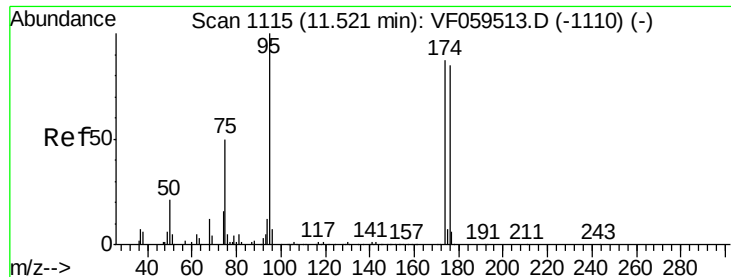
100 69.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

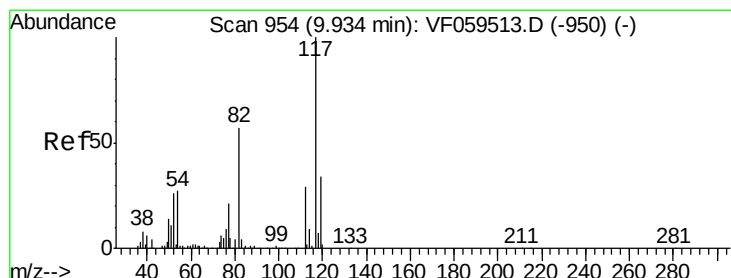
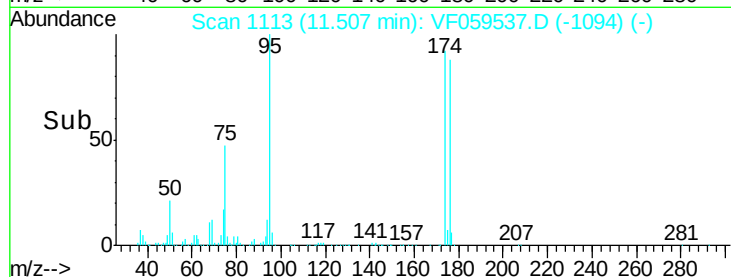
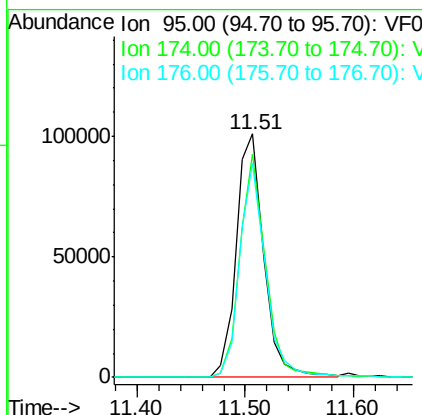
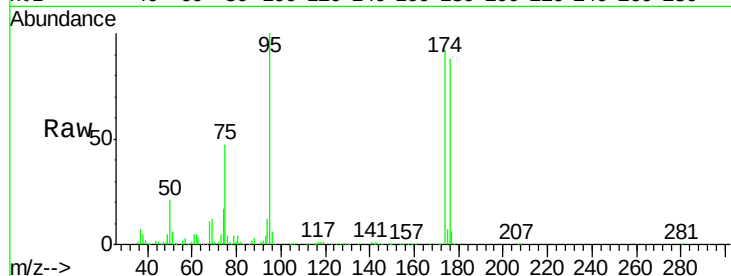




#62
4-Bromofluorobenzene
Concen: 46.21 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059537.D
Acq: 19 Jul 2018 2:45

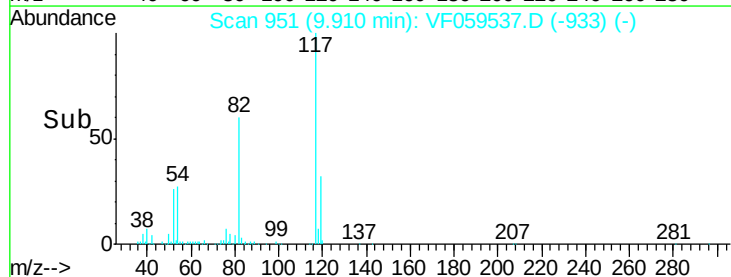
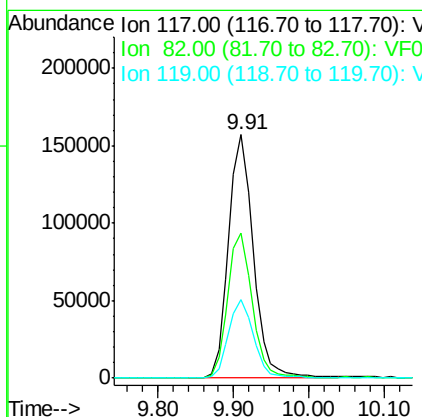
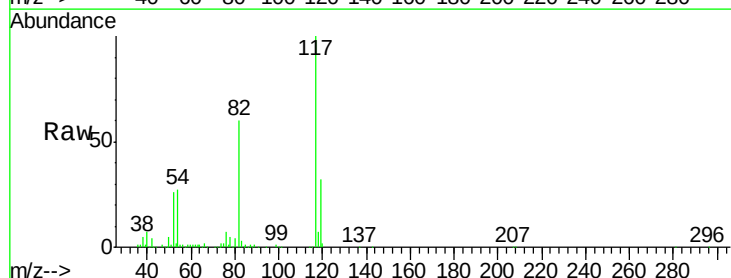
Instrument :
MSVOA_F
ClientSampled :
SB-1-A

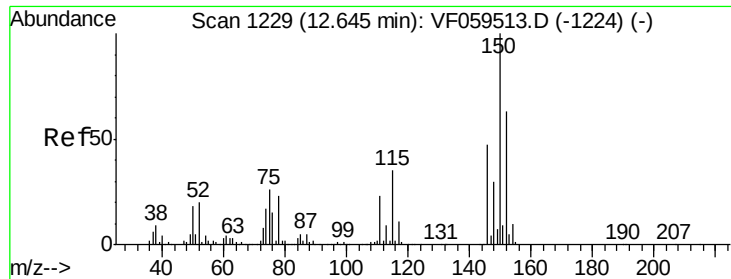
Tot Ion: 95 Resp: 178700
Ion Ratio Lower Upper
95 100
174 91.7 0.0 174.4
176 88.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF059537.D
Acq: 19 Jul 2018 2:45

Tgt Ion: 117 Resp: 358336
Ion Ratio Lower Upper
117 100
82 59.6 46.1 69.1
119 32.5 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059537.D

Acq: 19 Jul 2018 2:45

Instrument :

MSVOA_F

ClientSampleId :

SB-1-A

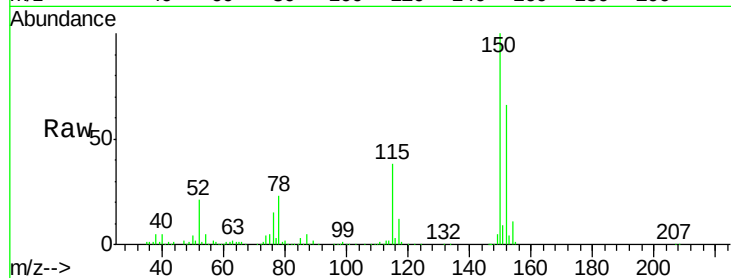
Tot Ion:152 Resp: 199619

Ion Ratio Lower Upper

152 100

115 57.8 27.8 83.3

150 152.2 0.0 318.4



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

