

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059347.D
 Acq On : 27 Jun 2018 19:00
 Operator : VA/AP
 Sample : J3677-07
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 147-149-B1(0-5)

Quant Time: Jun 28 02:22:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	182795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	277990	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	269085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	156302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	106645	45.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.32%	
35) Dibromofluoromethane	4.28	113	94634	46.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.18%	
50) Toluene-d8	7.71	98	204656	40.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.40%	
62) 4-Bromofluorobenzene	11.51	95	117210	41.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.64%	

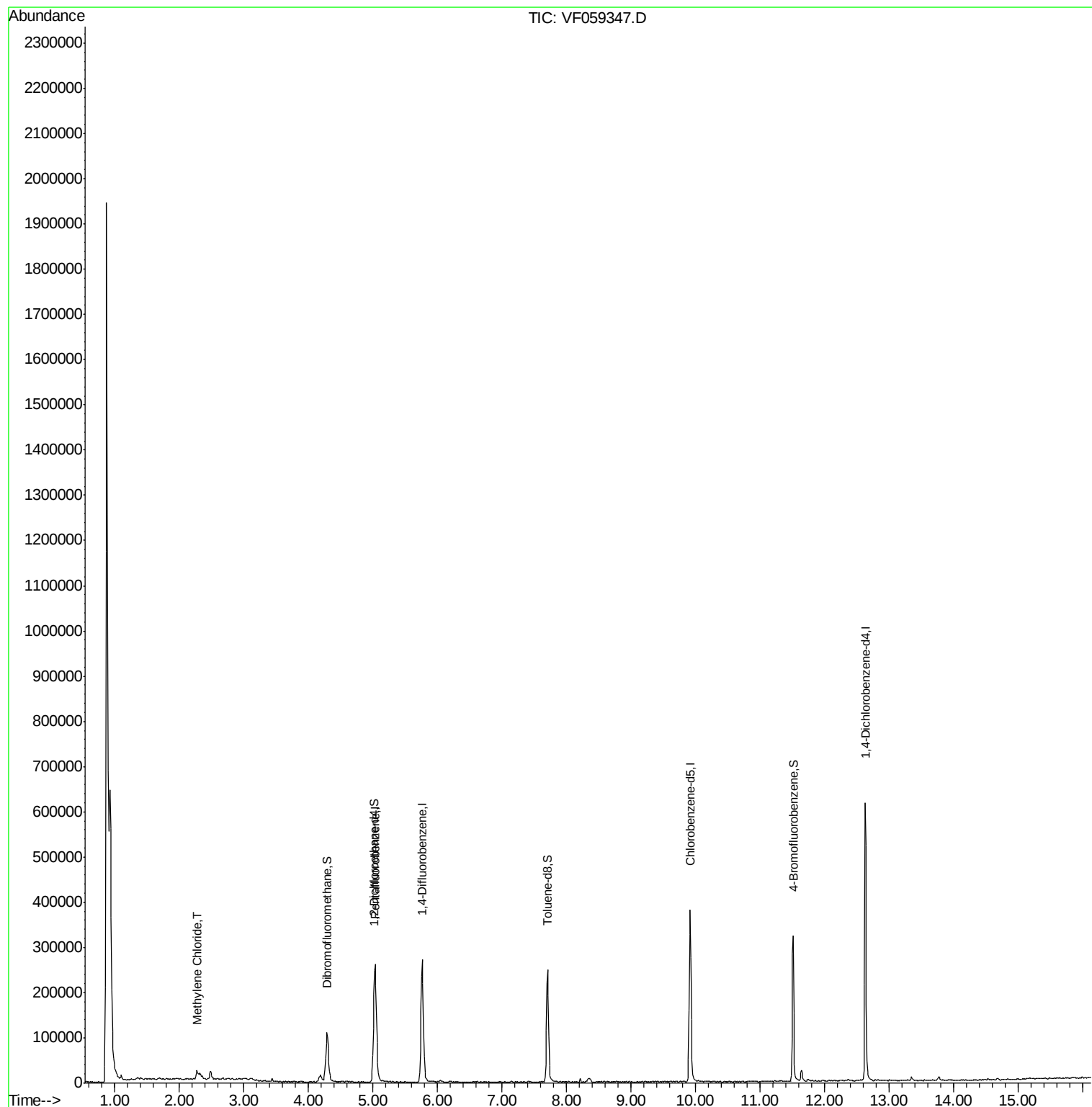
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	12252	2.18	ug/l	89

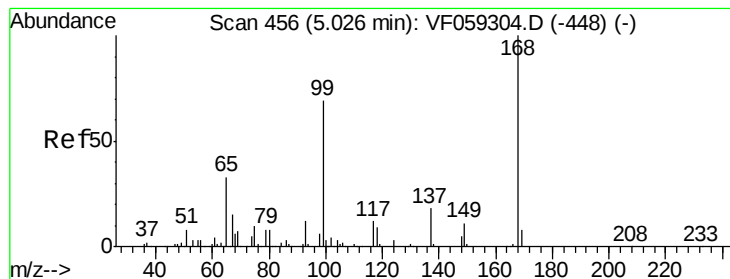
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059347.D

Acq: 27 Jun 2018 19:00

Instrument :

MSVOA_F

ClientSampleId :

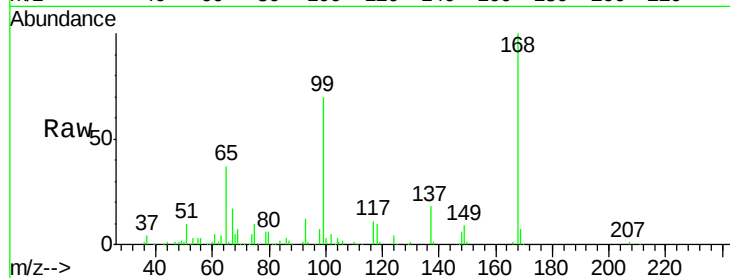
147-149-B1(0-5)

Tot Ion:168 Resp: 182795

Ion Ratio Lower Upper

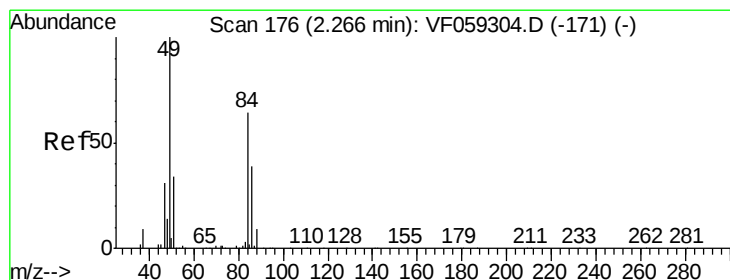
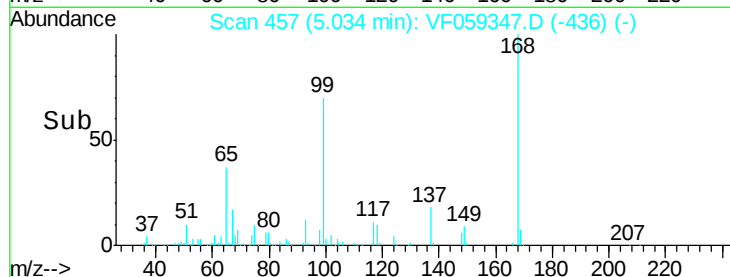
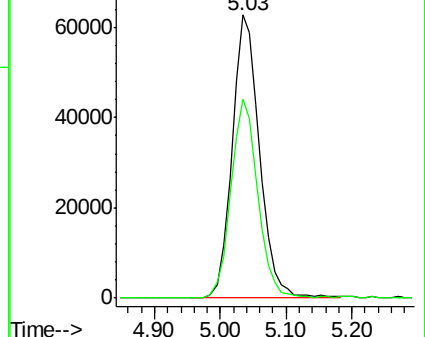
168 100

99 70.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 2.18 ug/l

RT: 2.27 min Scan# 177

Delta R.T. 0.01 min

Lab File: VF059347.D

Acq: 27 Jun 2018 19:00

Tgt Ion: 84 Resp: 12252

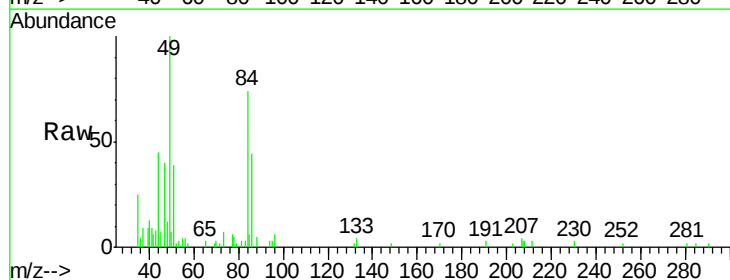
Ion Ratio Lower Upper

84 100

49 135.1 126.5 189.7

51 52.8 42.9 64.3

86 58.9 48.6 73.0

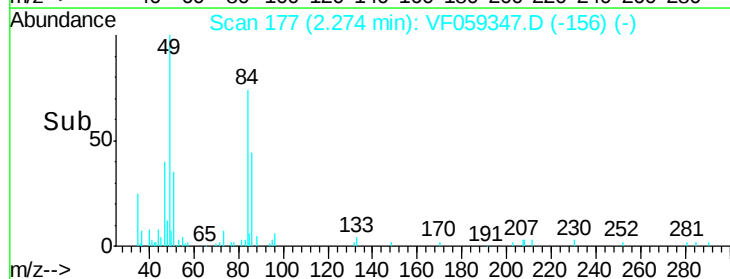
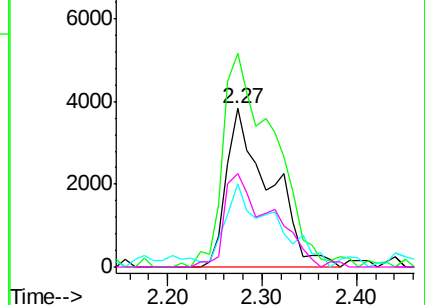


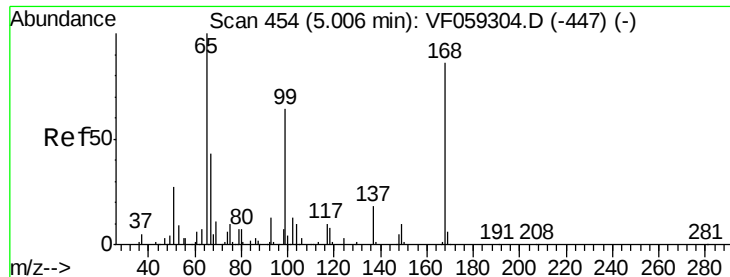
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





#33

1,2-Dichloroethane-d4

Concen: 45.16 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059347.D

Acq: 27 Jun 2018 19:00

Instrument :

MSVOA_F

ClientSampleId :

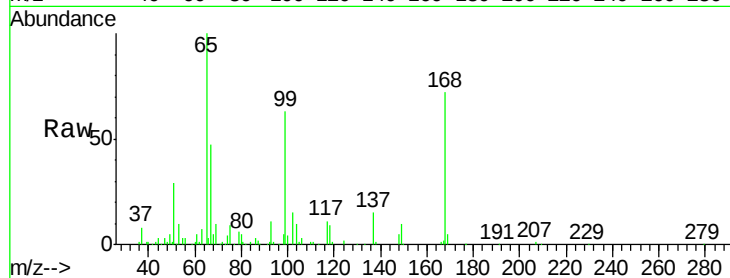
147-149-B1(0-5)

Tot Ion: 65 Resp: 106645

Ion Ratio Lower Upper

65 100

67 47.3 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

40000

30000

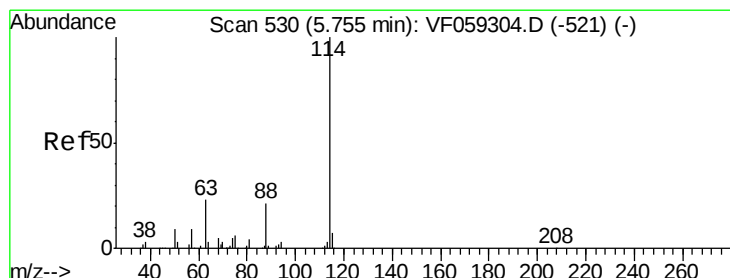
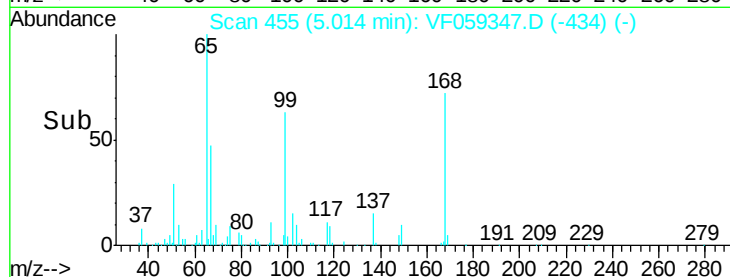
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059347.D

Acq: 27 Jun 2018 19:00

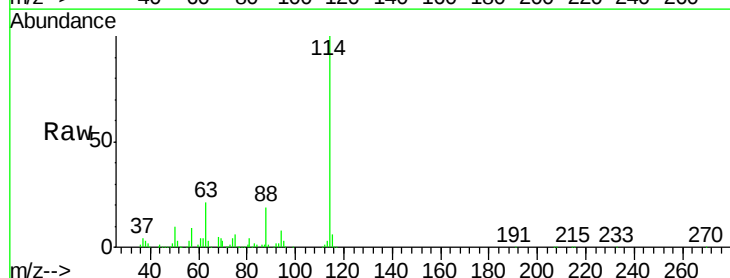
Tgt Ion: 114 Resp: 277990

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.8

88 18.6 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

150000

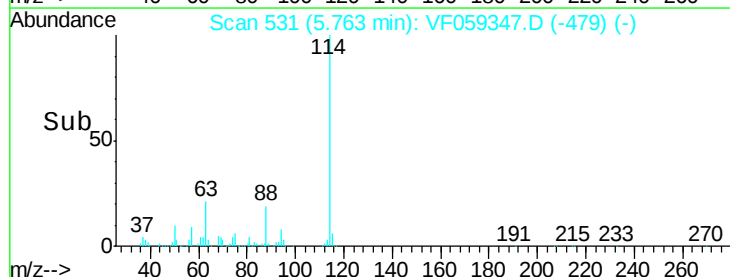
100000

50000

0

Time-->

5.70 5.80 5.90

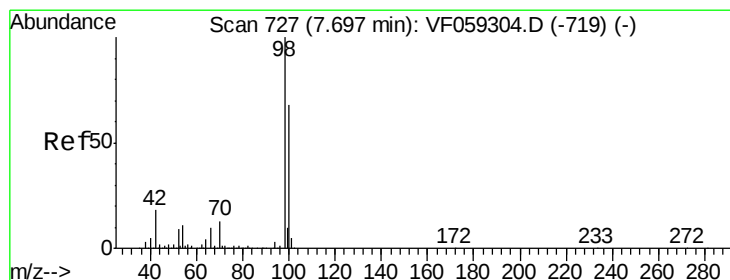
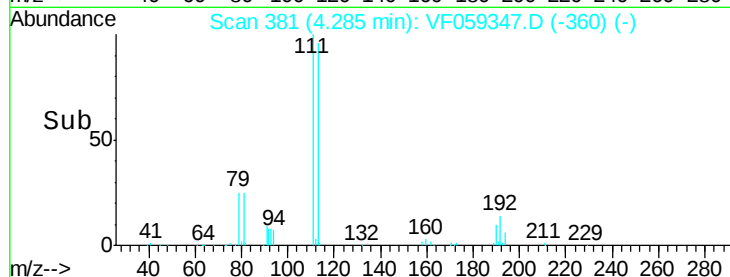
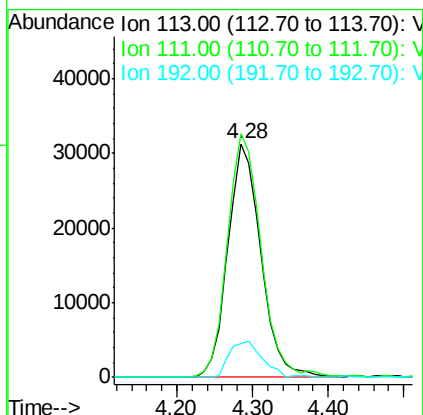
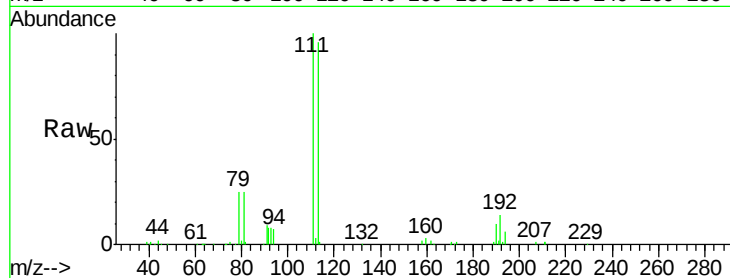




#35
 Dibromofluoromethane
 Concen: 46.59 ug/l
 RT: 4.28 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059347.D
 Acq: 27 Jun 2018 19:00

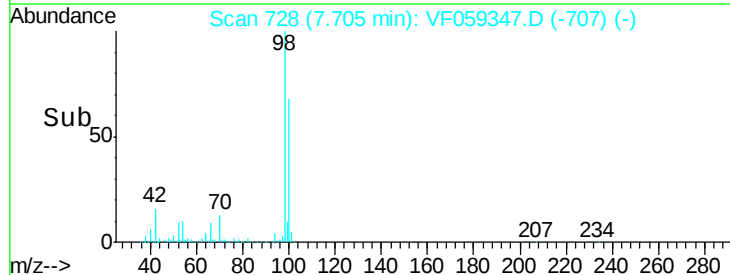
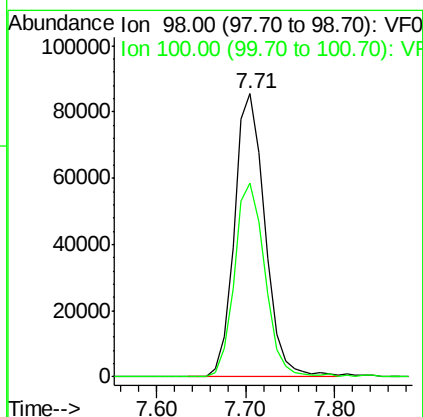
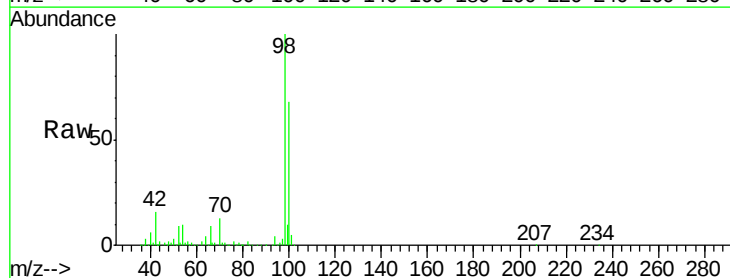
Instrument :
 MSVOA_F
 ClientSampleId :
 147-149-B1(0-5)

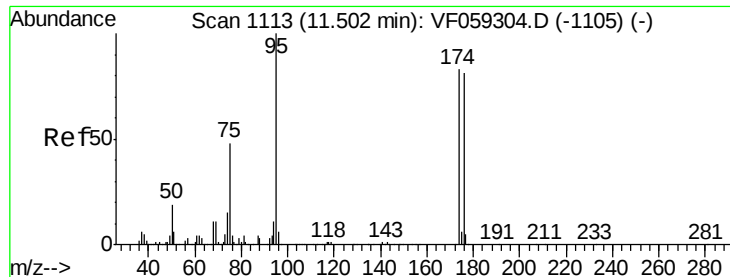
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.1	123.1
192	14.2	13.0	19.6



#50
 Toluene-d8
 Concen: 40.70 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VF059347.D
 Acq: 27 Jun 2018 19:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.3	54.6	82.0

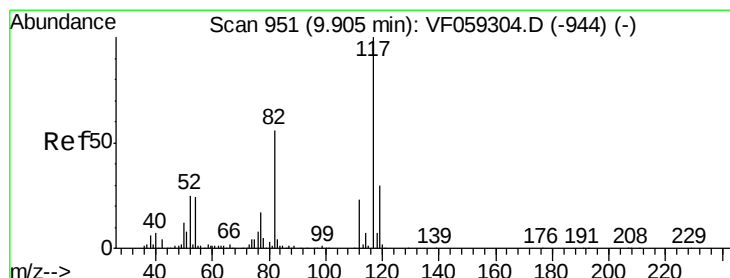
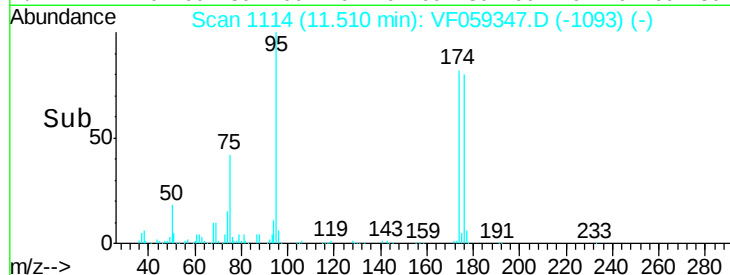
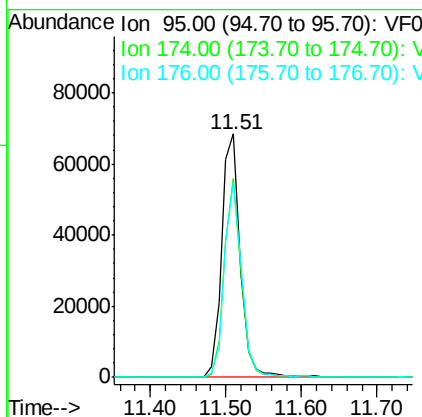
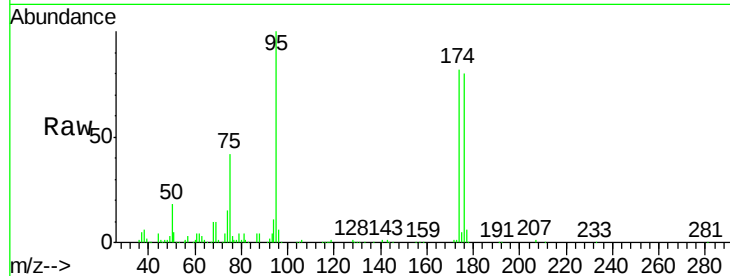




#62
4-Bromofluorobenzene
Concen: 41.32 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059347.D
Acq: 27 Jun 2018 19:00

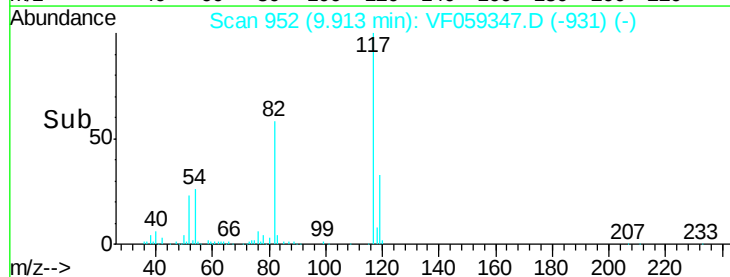
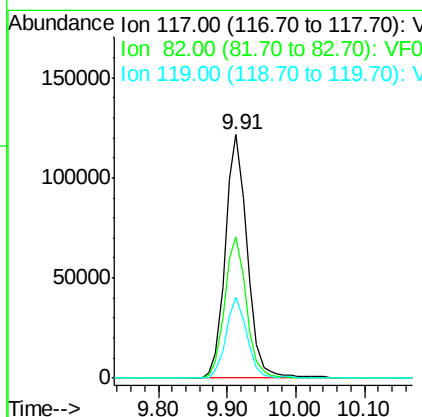
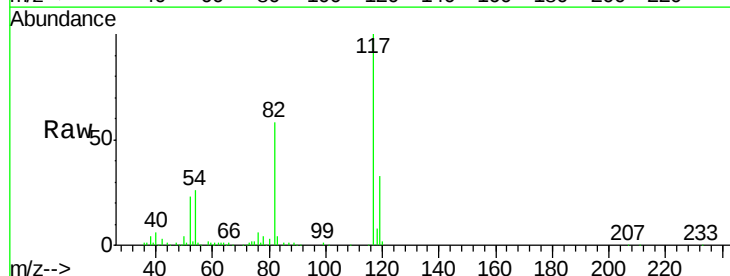
Instrument :
MSVOA_F
ClientSampleId :
147-149-B1(0-5)

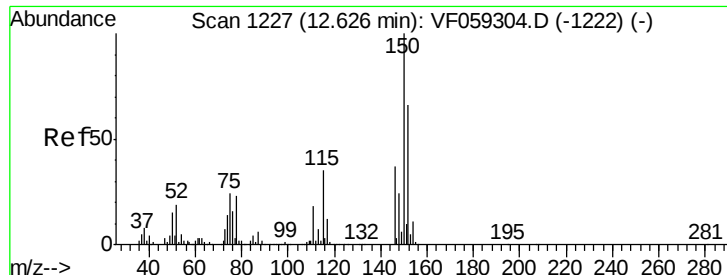
Tot Ion	95	Resp	117210
Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	165.2
176	80.0	0.0	161.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059347.D
Acq: 27 Jun 2018 19:00

Tgt Ion	117	Resp	269085
Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.6	66.8
119	33.2	24.1	36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059347.D

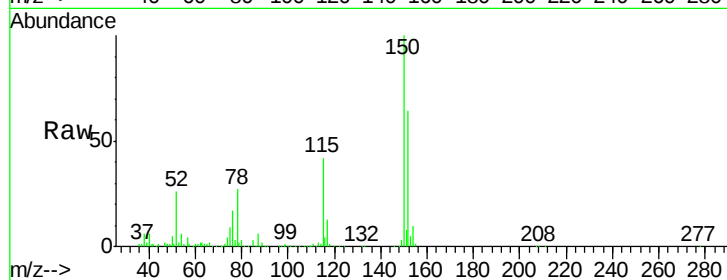
Acq: 27 Jun 2018 19:00

Instrument :

MSVOA_F

ClientSampleId :

147-149-B1(0-5)



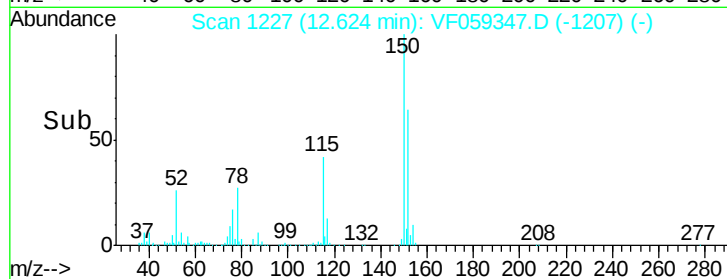
Tot Ion:152 Resp: 156302

Ion Ratio Lower Upper

152 100

115 65.6 27.1 81.3

150 156.3 0.0 305.2



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

