

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059239.D
 Acq On : 20 Jun 2018 21:27
 Operator : VA/AP
 Sample : J3584-03
 Misc : 6.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12-S

Quant Time: Jun 21 09:09:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	195208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	299026	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	290379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	191226	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	139868	59.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.16%	
35) Dibromofluoromethane	4.29	113	131155	62.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.02%	
50) Toluene-d8	7.70	98	301344	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.50	95	170176	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	

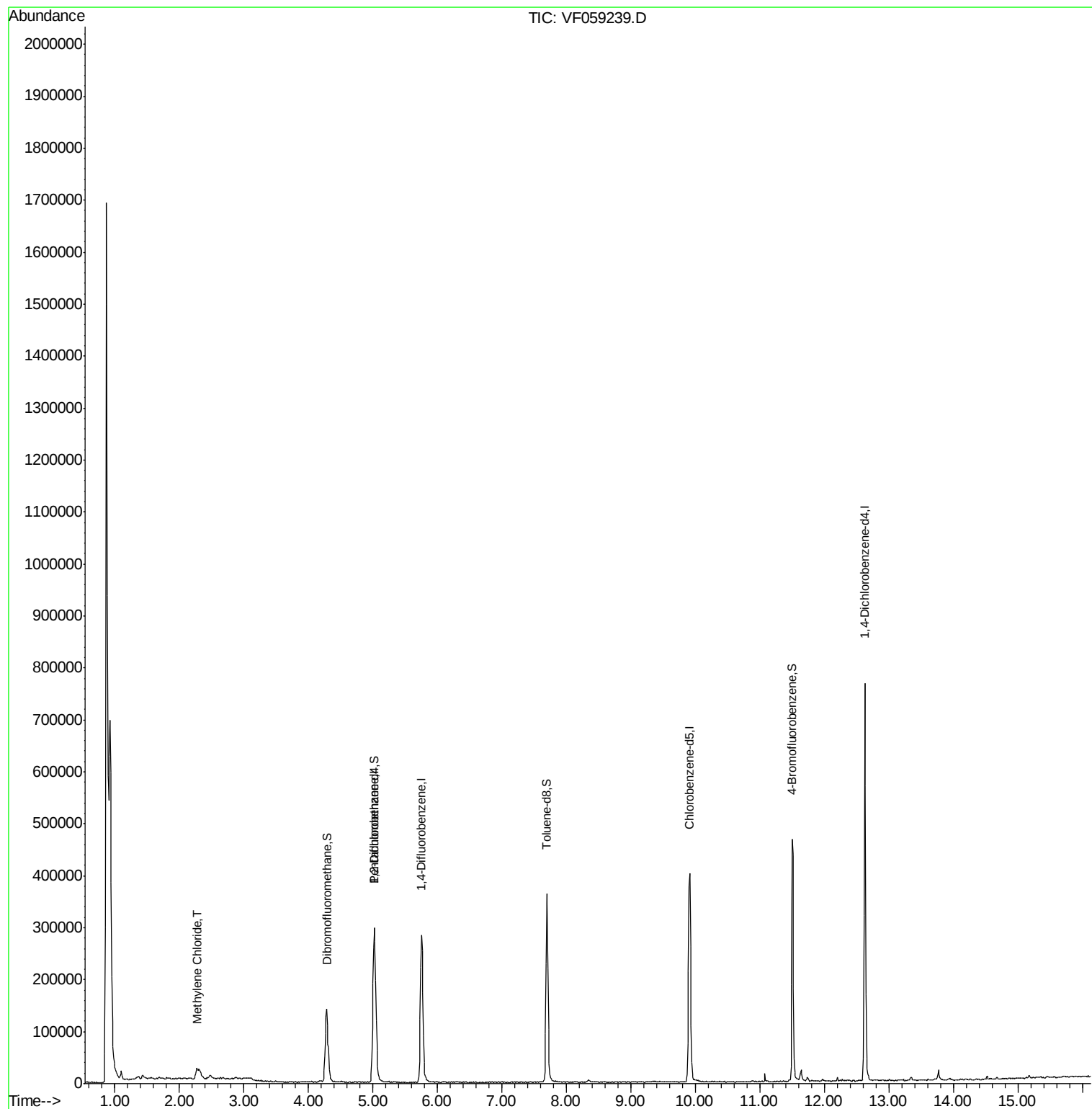
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	14946	11.04	ug/l	# 90

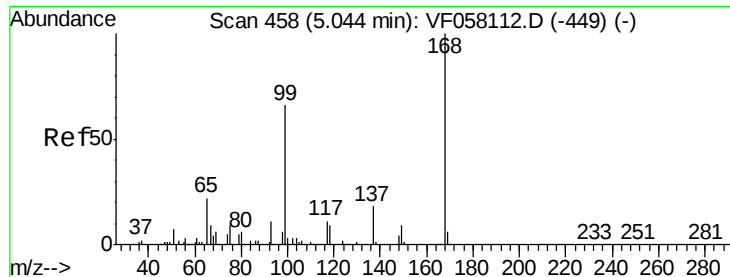
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059239.D

Acq: 20 Jun 2018 21:27

Instrument :

MSVOA_F

ClientSampleId :

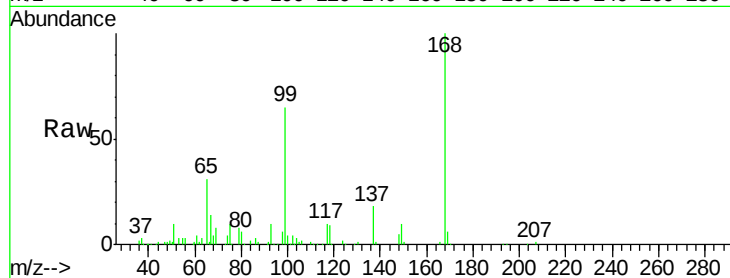
TP-12-S

Tot Ion:168 Resp: 195208

Ion Ratio Lower Upper

168 100

99 64.6 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

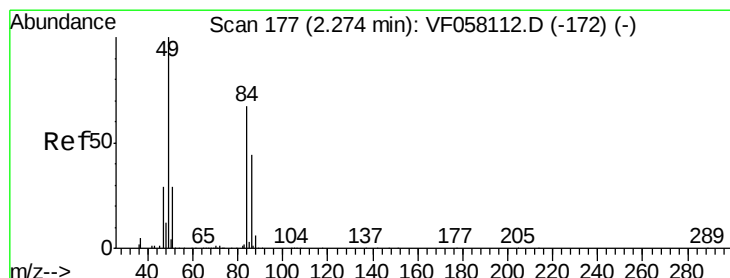
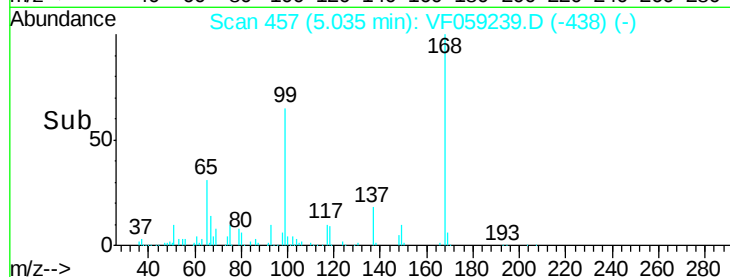
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 11.04 ug/l

RT: 2.27 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059239.D

Acq: 20 Jun 2018 21:27

Tgt Ion: 84 Resp: 14946

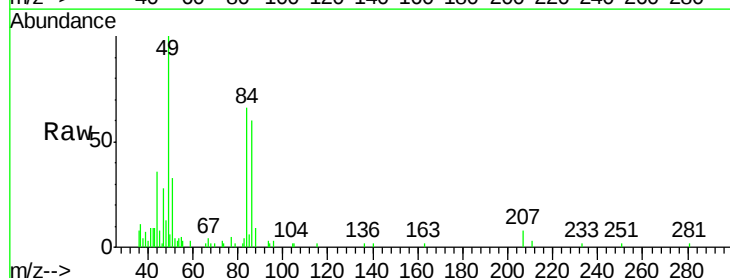
Ion Ratio Lower Upper

84 100

49 151.7 121.0 181.4

51 50.0 35.8 53.6

86 91.5 53.2 79.8#



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

10000

8000

6000

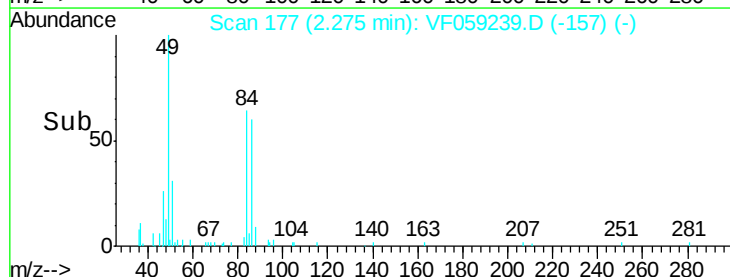
4000

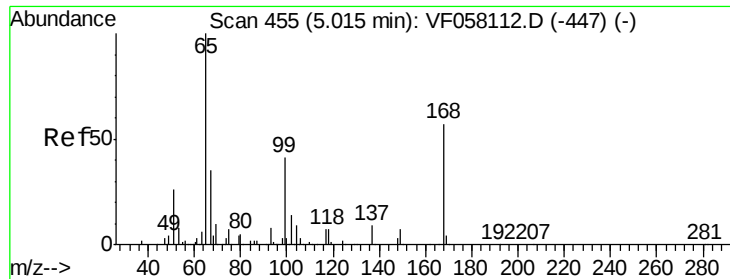
2000

0

Time-->

2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 59.08 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059239.D

Acq: 20 Jun 2018 21:27

Instrument :

MSVOA_F

ClientSampleId :

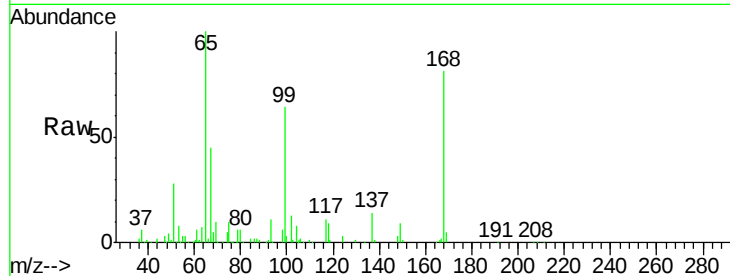
TP-12-S

Tot Ion: 65 Resp: 139868

Ion Ratio Lower Upper

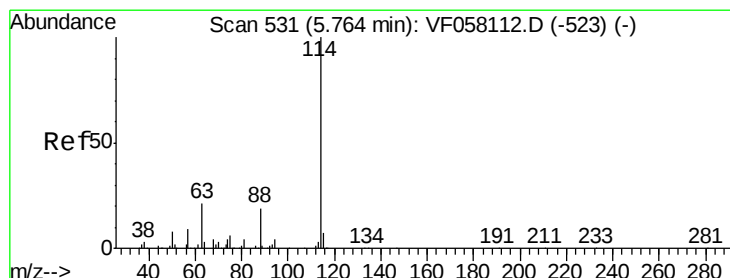
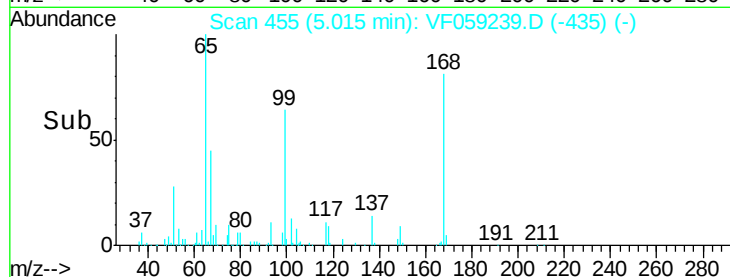
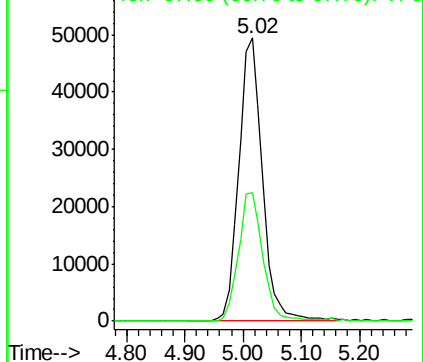
65 100

67 45.4 0.0 97.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059239.D

Acq: 20 Jun 2018 21:27

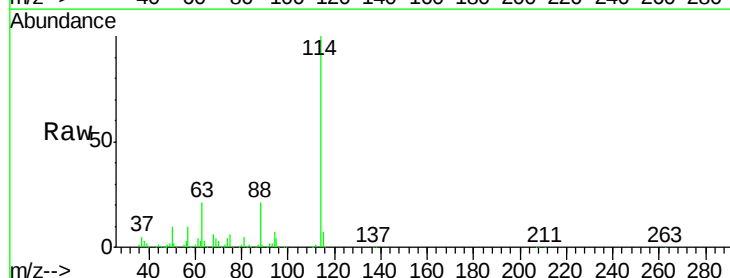
Tgt Ion: 114 Resp: 299026

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

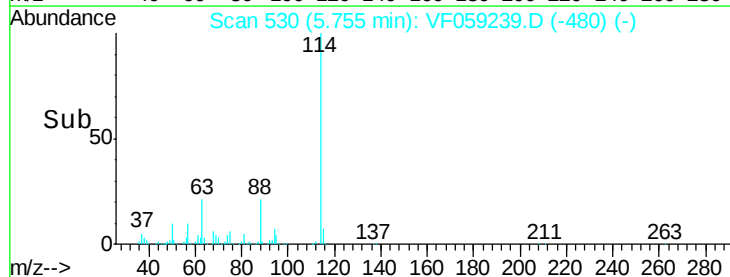
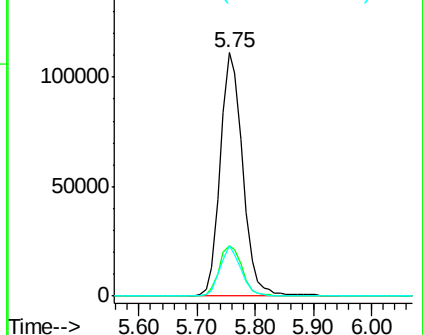
88 20.9 0.0 38.8

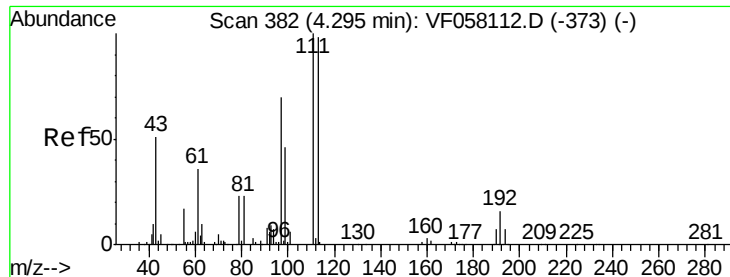


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

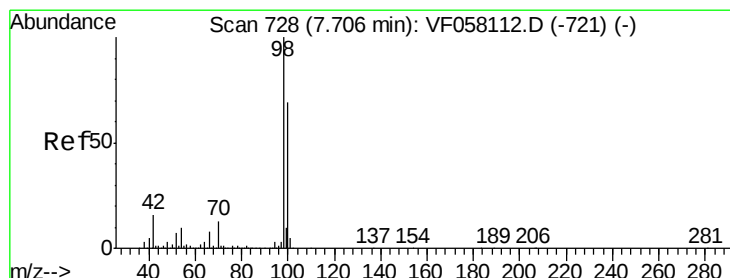
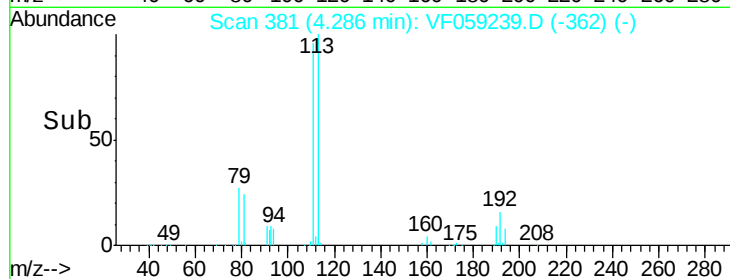
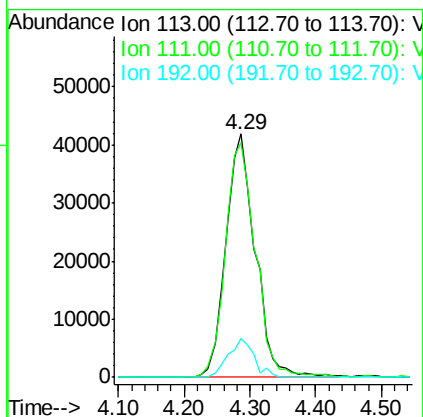
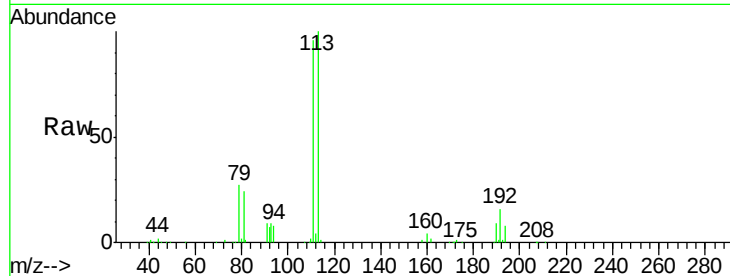




#35
 Dibromofluoromethane
 Concen: 62.51 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF059239.D
 Acq: 20 Jun 2018 21:27

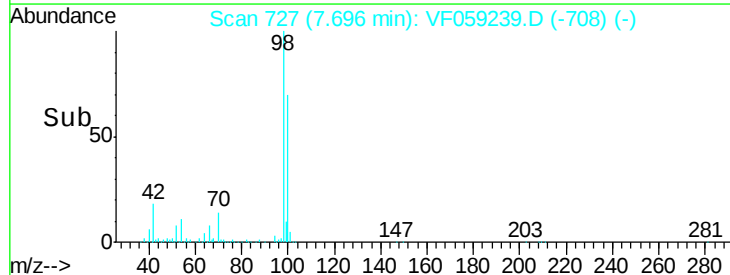
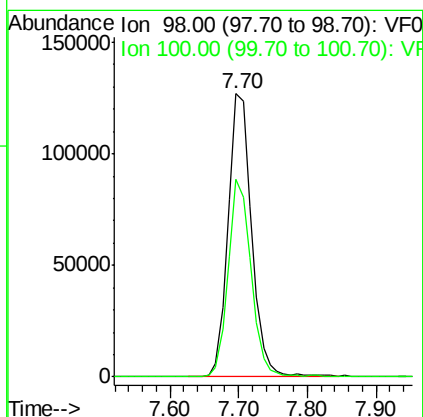
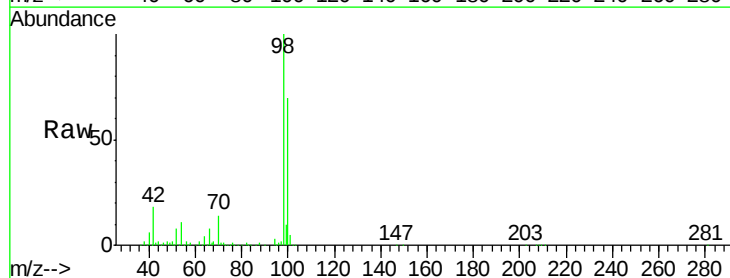
Instrument :
 MSVOA_F
 ClientSampled :
 TP-12-S

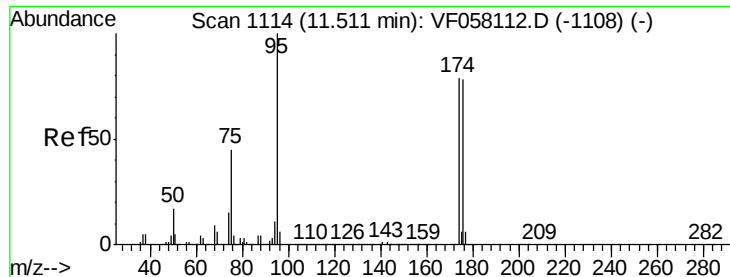
Tot Ion	Ratio	Lower	Upper
113	100		
111	96.4	81.3	121.9
192	16.0	12.7	19.1



#50
 Toluene-d8
 Concen: 48.89 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VF059239.D
 Acq: 20 Jun 2018 21:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 53.83 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059239.D

Acq: 20 Jun 2018 21:27

Instrument :

MSVOA_F

ClientSampled :

TP-12-S

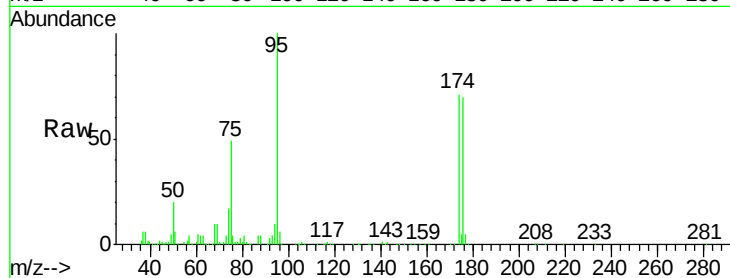
Tot Ion: 95 Resp: 170176

Ion Ratio Lower Upper

95 100

174 71.0 0.0 157.8

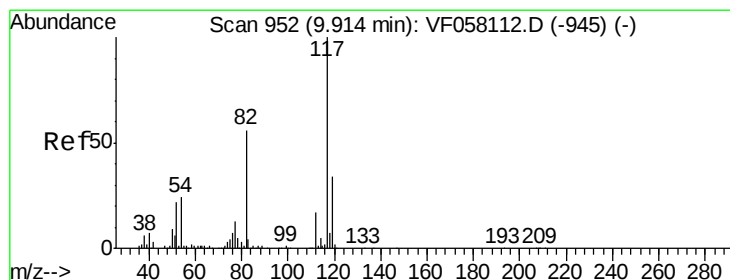
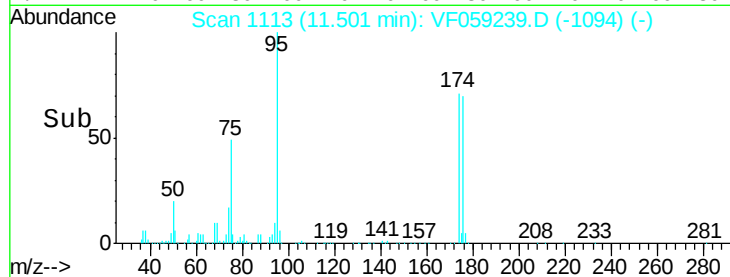
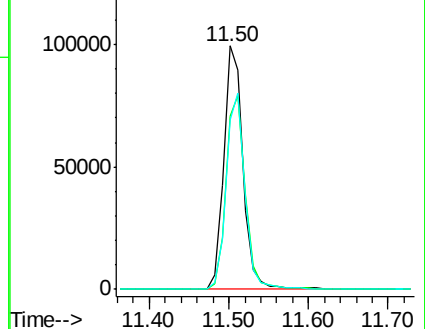
176 69.8 0.0 155.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059239.D

Acq: 20 Jun 2018 21:27

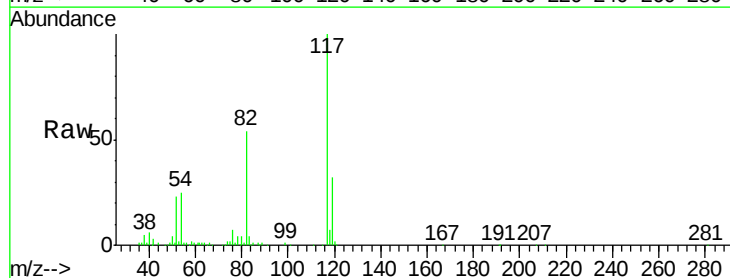
Tgt Ion: 117 Resp: 290379

Ion Ratio Lower Upper

117 100

82 54.2 45.2 67.8

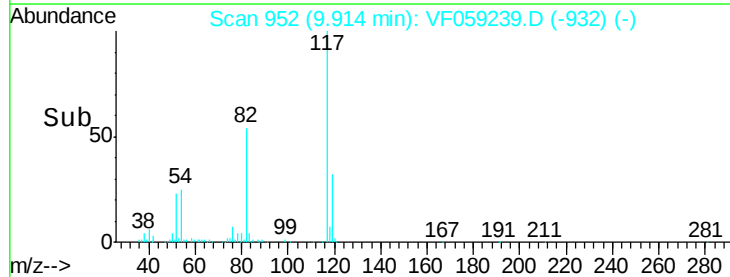
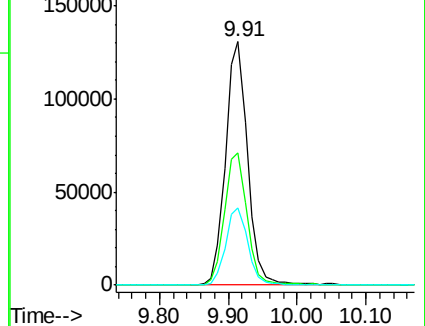
119 31.8 27.5 41.3

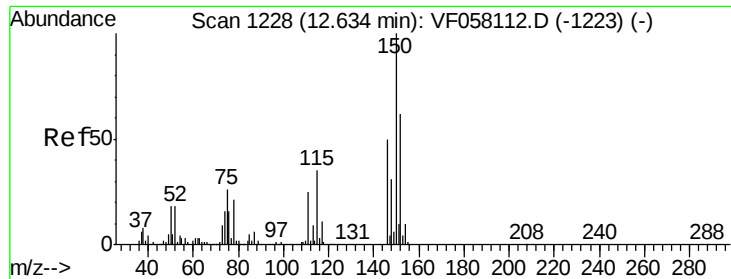


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059239.D

Acq: 20 Jun 2018 21:27

Instrument :

MSVOA_F

ClientSampleId :

TP-12-S

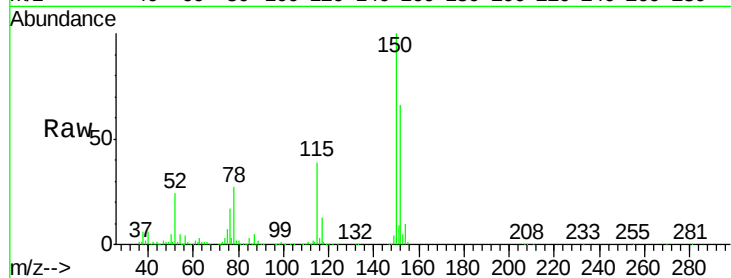
Tot Ion:152 Resp: 191226

Ion Ratio Lower Upper

152 100

115 60.0 28.5 85.5

150 152.3 0.0 323.8



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

