

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059215.D
 Acq On : 20 Jun 2018 5:21
 Operator : VA/AP
 Sample : J3498-03
 Misc : 6.91g/5mL/MSVOA-F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-G-S

Quant Time: Jun 20 07:26:56 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	214015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	332094	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	291385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	153847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	128672	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
35) Dibromofluoromethane	4.29	113	128211	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
50) Toluene-d8	7.71	98	321456	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.50	95	147735	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	

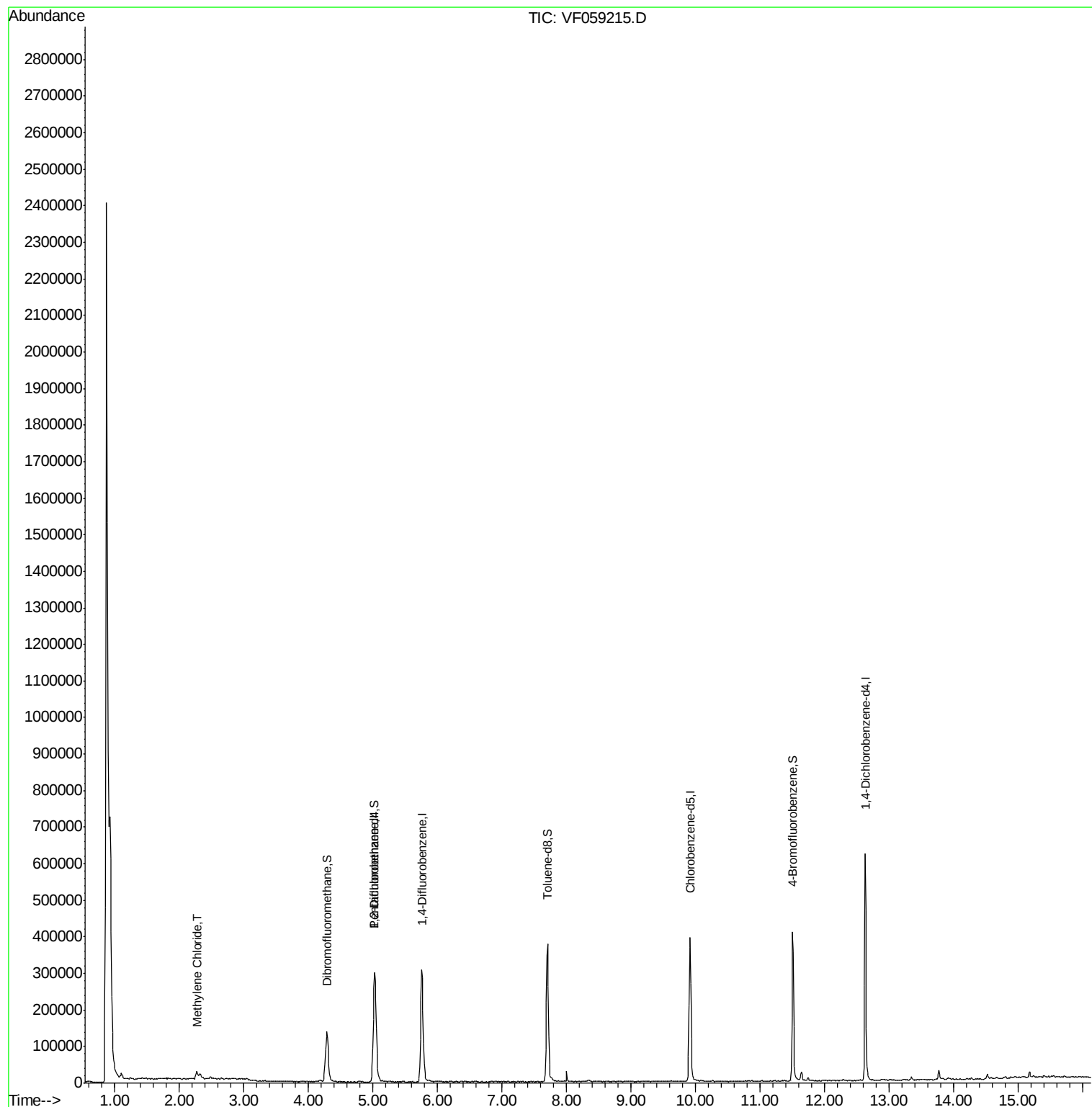
Target Compounds						Qvalue
20) Methylene Chloride	2.28	84	14793	9.97	ug/l	# 91

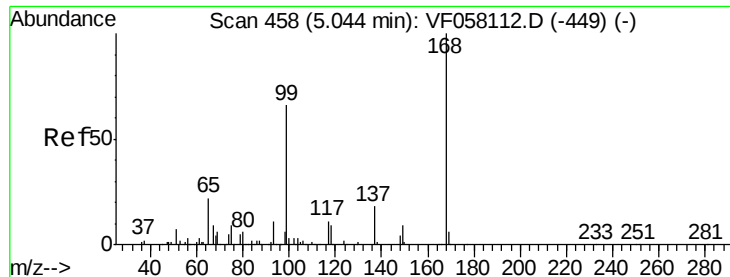
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059215.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_F

ClientSampleId :

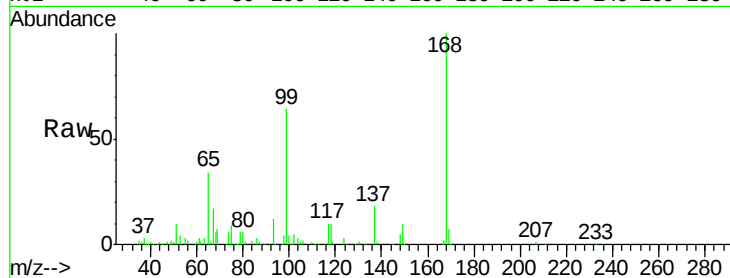
TP-G-S

Tot Ion:168 Resp: 214015

Ion Ratio Lower Upper

168 100

99 64.3 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

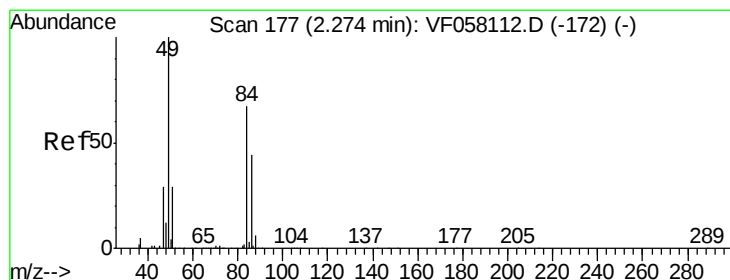
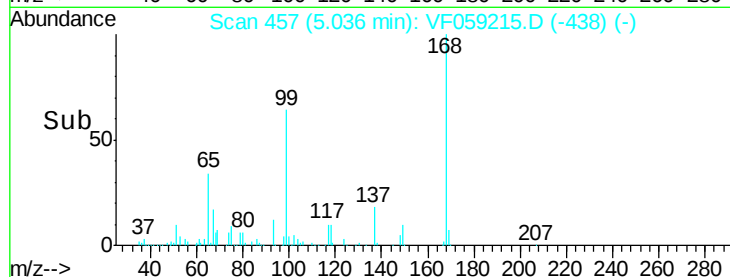
40000

20000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 9.97 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059215.D

Acq: 20 Jun 2018 5:21

Tgt Ion: 84 Resp: 14793

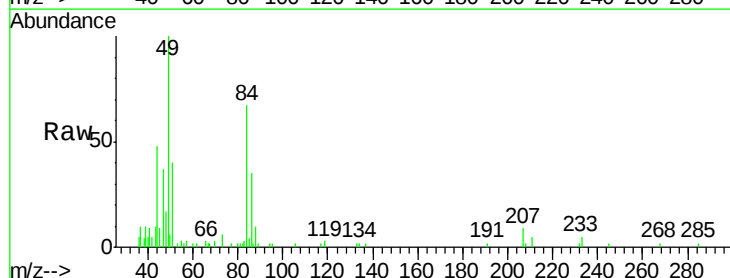
Ion Ratio Lower Upper

84 100

49 149.2 121.0 181.4

51 59.9 35.8 53.6#

86 55.1 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

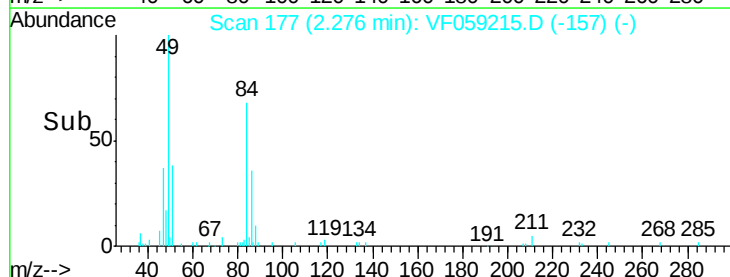
4000

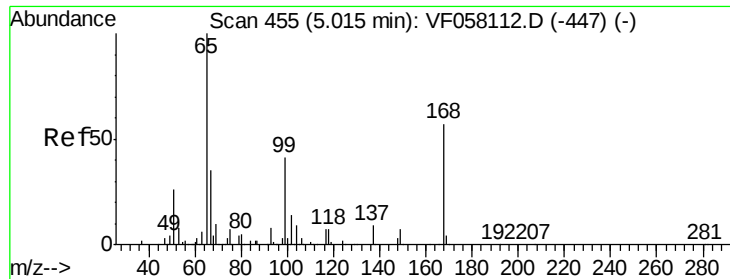
2000

0

Time-->

2.20 2.30 2.40

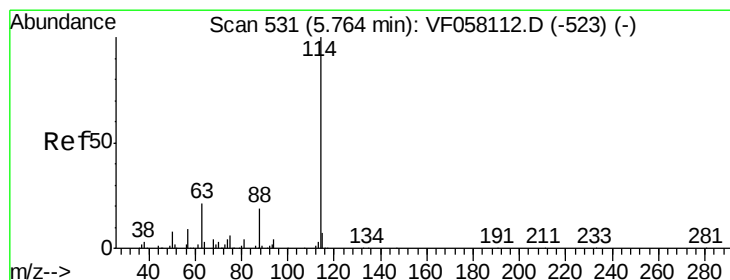
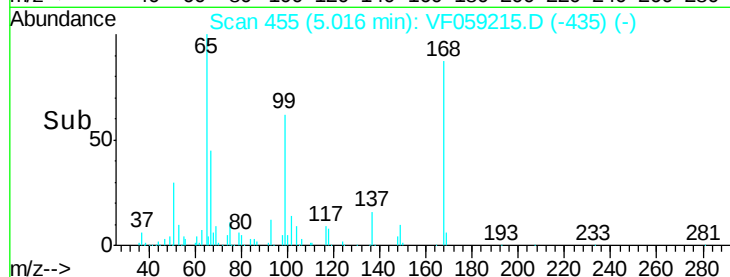
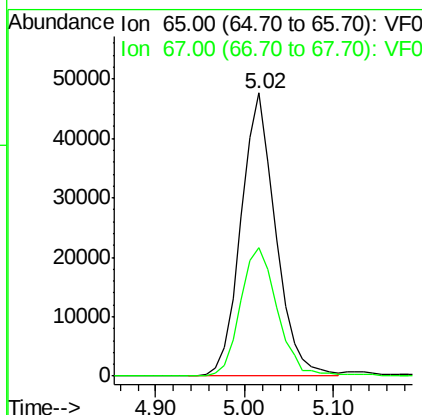
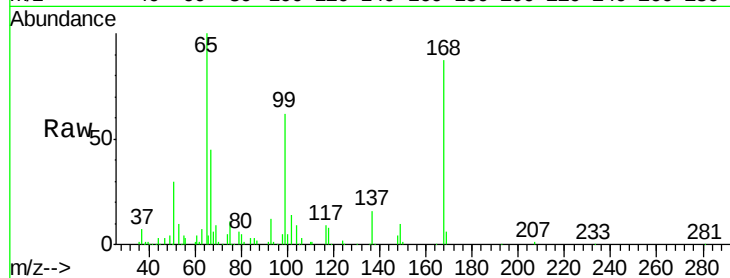




#33
 1,2-Dichloroethane-d4
 Concen: 49.57 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059215.D
 Acq: 20 Jun 2018 5:21

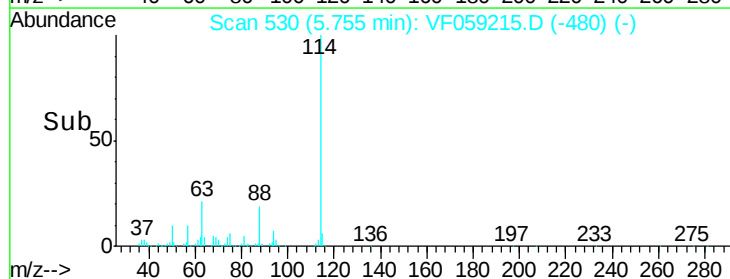
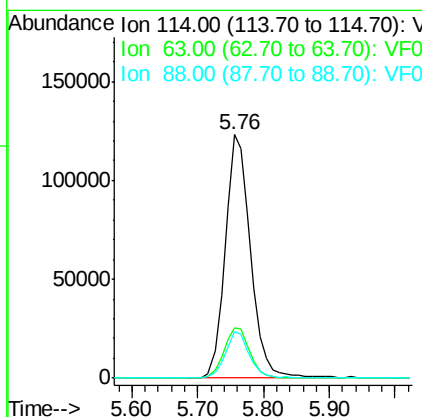
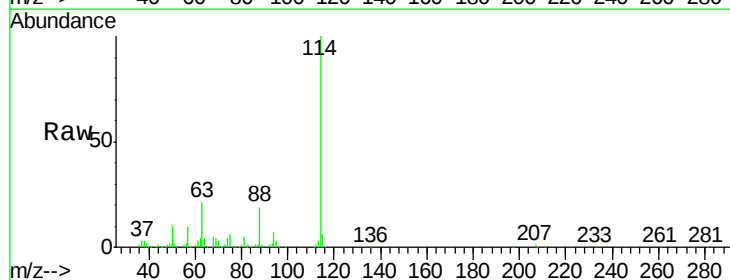
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-G-S

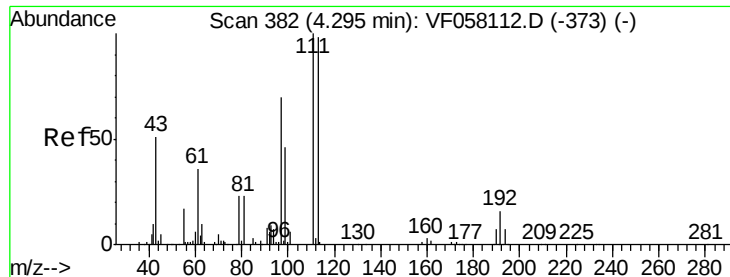
Tot Ion: 65 Resp: 128672
 Ion Ratio Lower Upper
 65 100
 67 45.4 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059215.D
 Acq: 20 Jun 2018 5:21

Tgt Ion: 114 Resp: 332094
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.6
 88 19.2 0.0 38.8

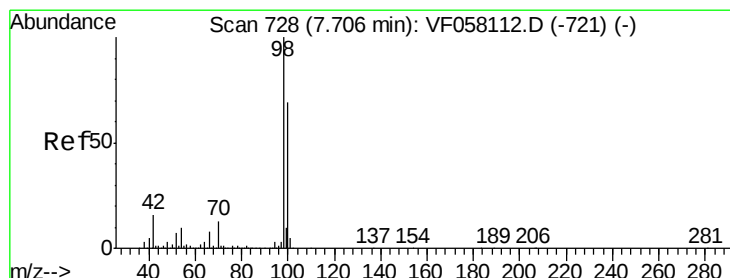
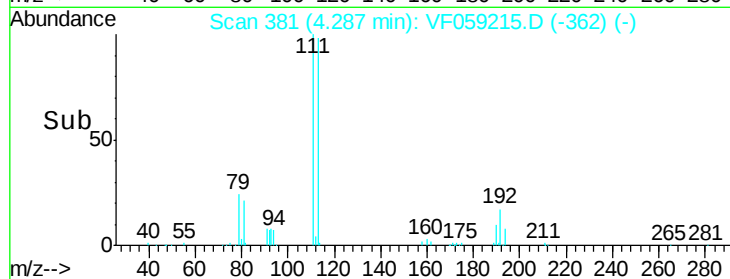
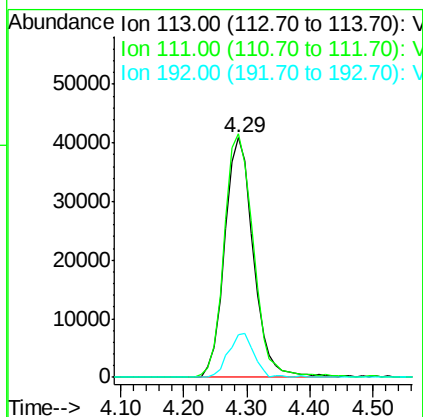
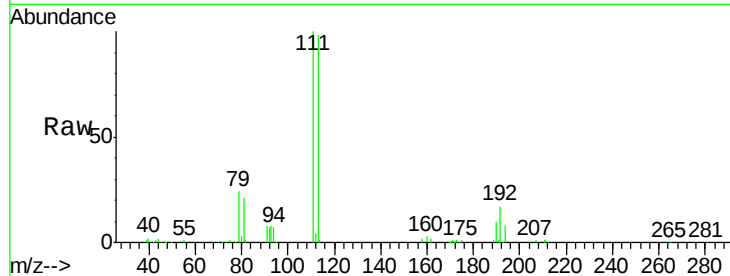




#35
 Dibromofluoromethane
 Concen: 55.02 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF059215.D
 Acq: 20 Jun 2018 5:21

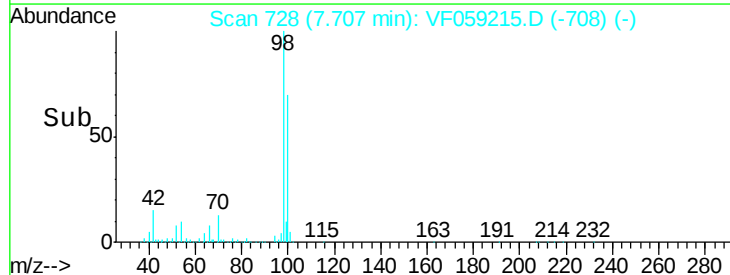
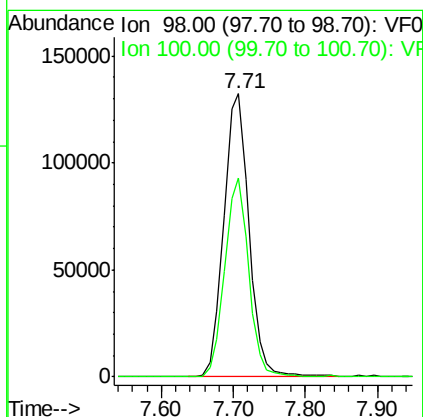
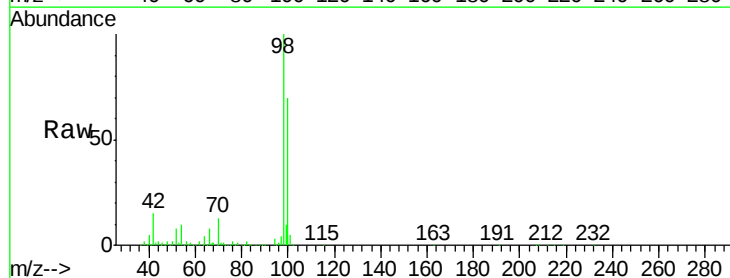
Instrument :
 MSVOA_F
 ClientSampled :
 TP-G-S

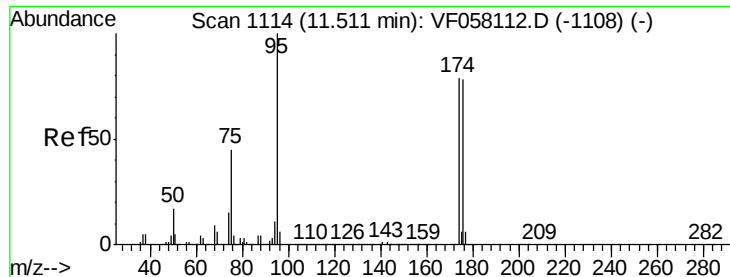
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	17.6	12.7	19.1



#50
 Toluene-d8
 Concen: 46.96 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF059215.D
 Acq: 20 Jun 2018 5:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.4	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 42.08 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059215.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_F

ClientSampleId :

TP-G-S

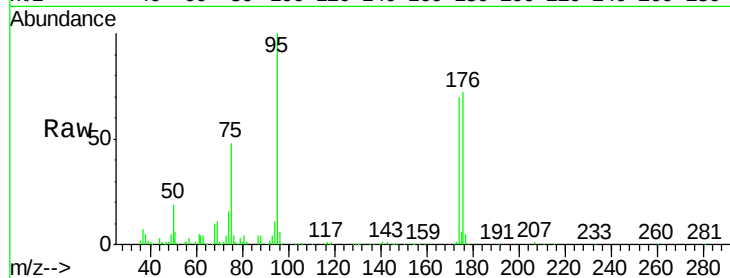
Tot Ion: 95 Resp: 147735

Ion Ratio Lower Upper

95 100

174 69.7 0.0 157.8

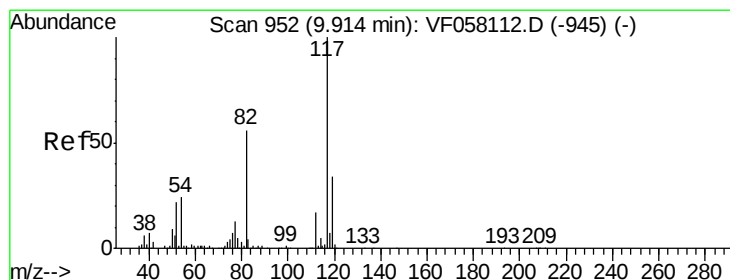
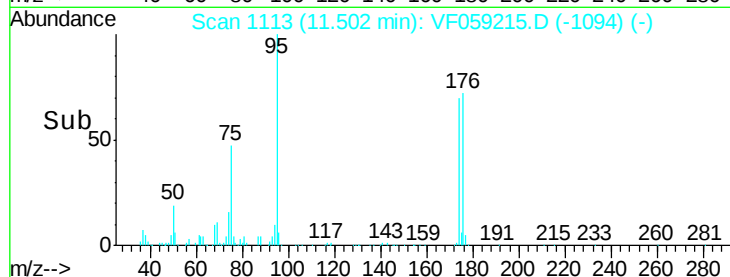
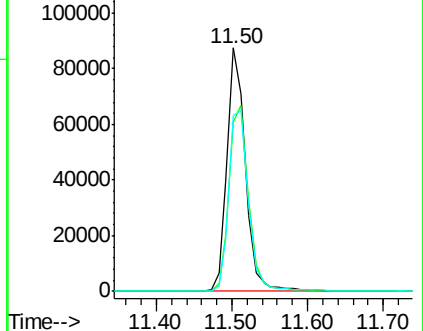
176 72.3 0.0 155.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059215.D

Acq: 20 Jun 2018 5:21

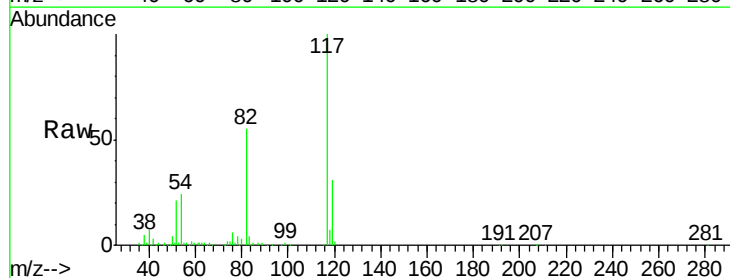
Tgt Ion: 117 Resp: 291385

Ion Ratio Lower Upper

117 100

82 54.7 45.2 67.8

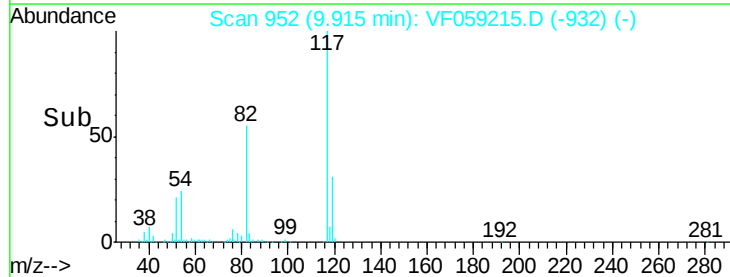
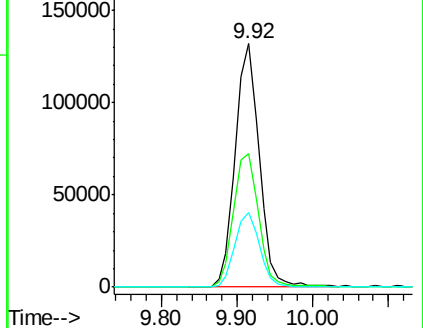
119 30.8 27.5 41.3

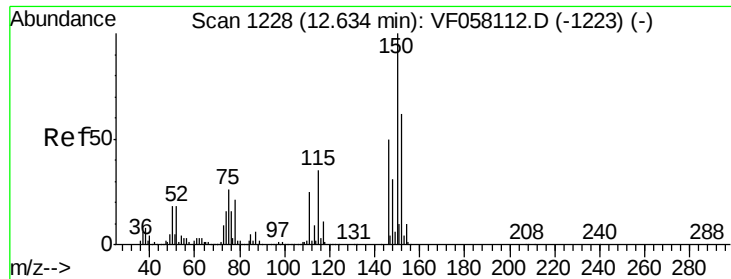


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF059215.D
 Acq: 20 Jun 2018 5:21

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-G-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.5	85.5
150	156.3	0.0	323.8

