

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000383.D
 Acq On : 21 Mar 2018 14:21
 Operator : JC/MD
 Sample : J1997-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DGA-TOP-LAYER-1-A

Quant Time: Mar 22 06:49:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

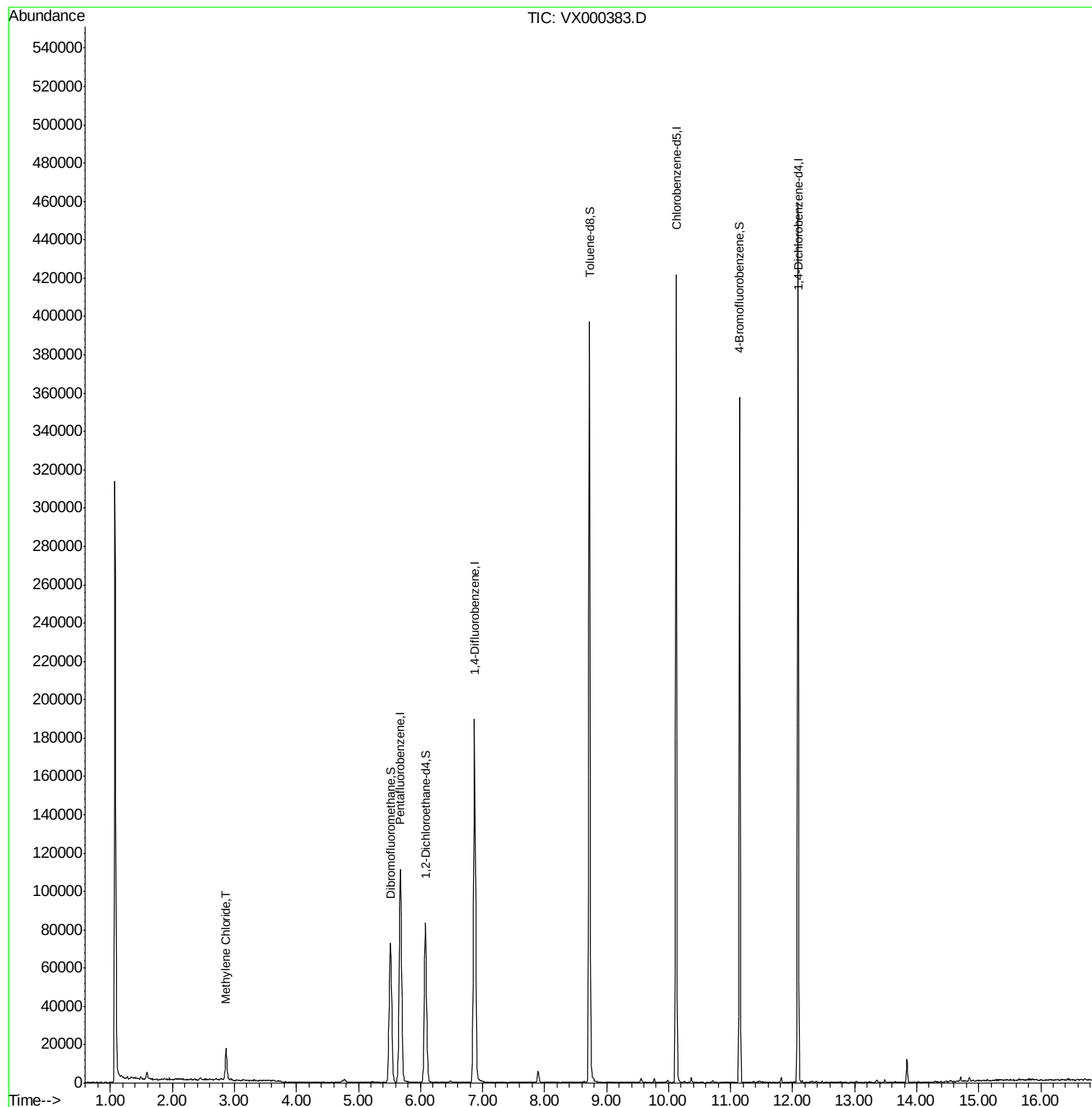
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	107069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	187193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	85920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75948	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
35) Dibromofluoromethane	5.52	113	57919	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	8.73	98	234243	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.15	95	79482	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
Target Compounds						
20) Methylene Chloride	2.87	84	6977	5.20	ug/l	Qvalue # 88

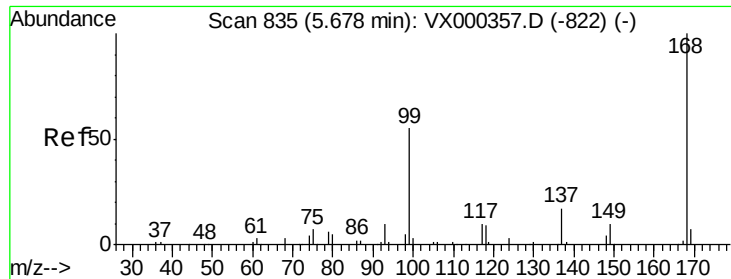
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000383.D

Acq: 21 Mar 2018 14:21

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MSVOA_X

ClientSampleId :

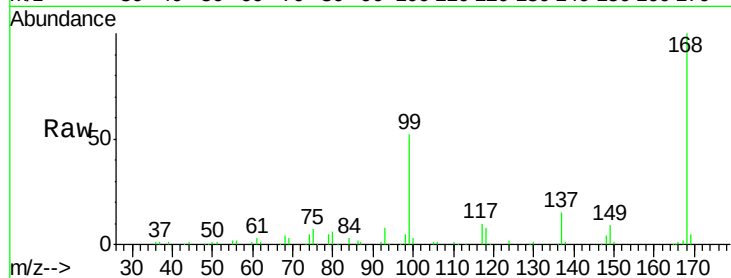
DGA-TOP-LAYER-1-A

Tot Ion:168 Resp: 107069

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

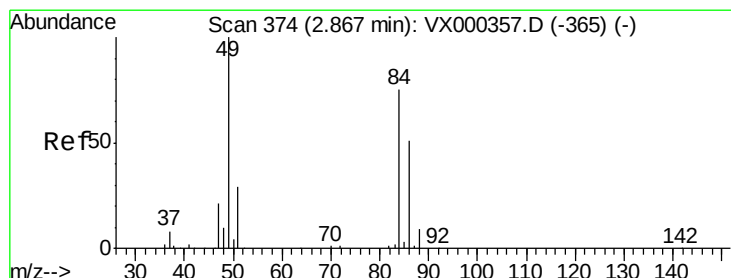
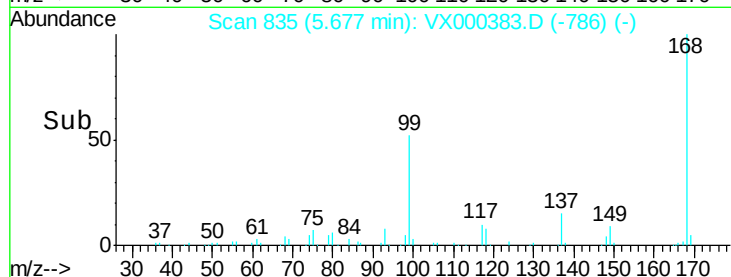
20000

10000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 5.20 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000383.D

Acq: 21 Mar 2018 14:21

Tgt Ion: 84 Resp: 6977

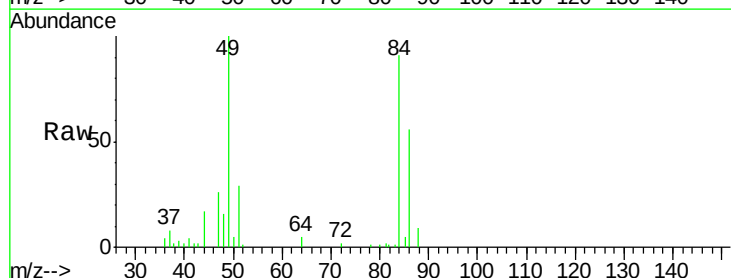
Ion Ratio Lower Upper

84 100

49 109.6 100.6 151.0

51 31.4 31.6 47.4#

86 61.4 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

6000

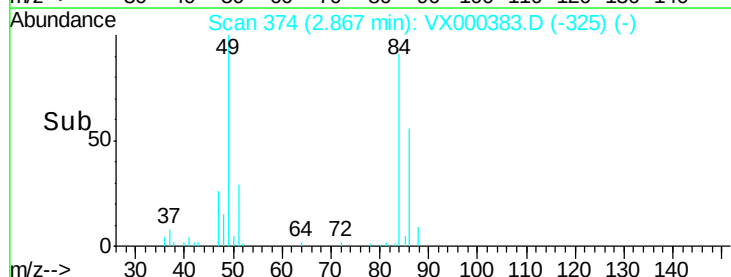
4000

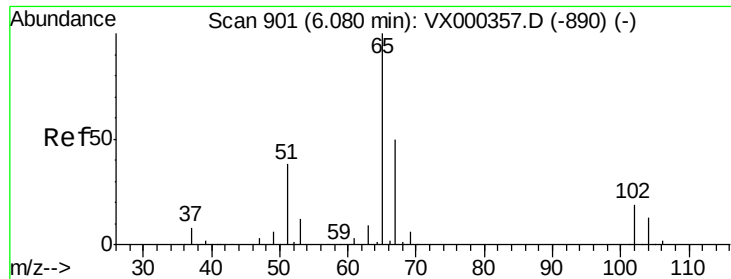
2000

0

Time-->

2.80 2.85 2.90 2.95

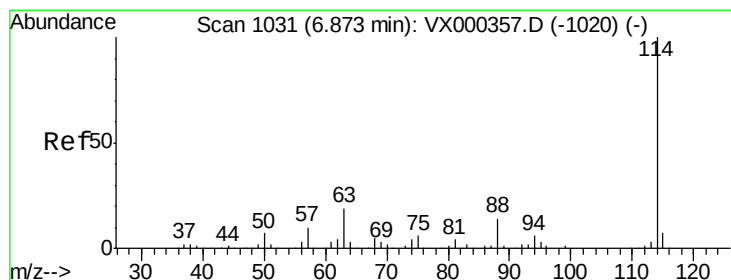
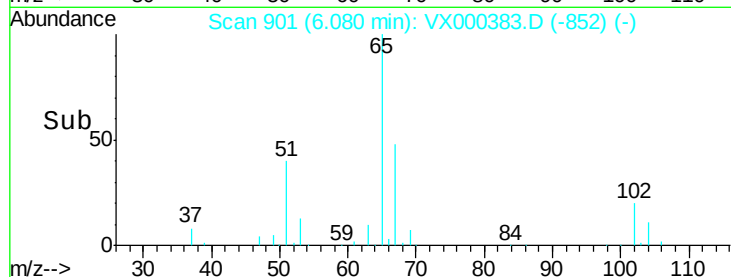
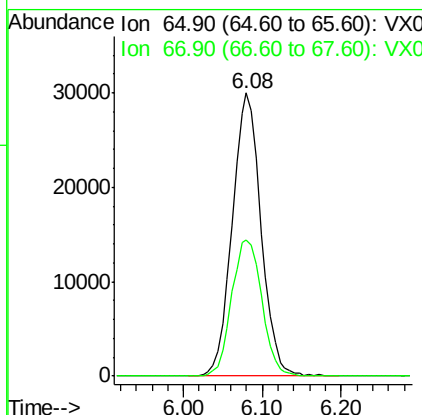
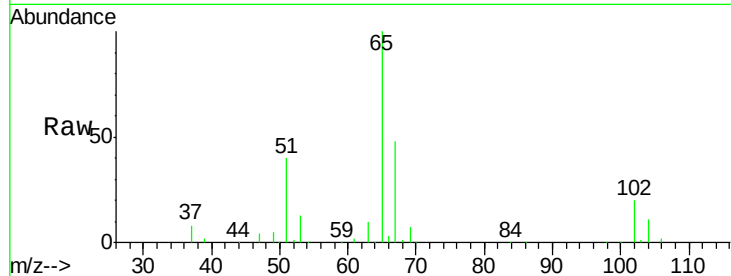




#33
 1,2-Dichloroethane-d4
 Concen: 54.34 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000383.D
 Acq: 21 Mar 2018 14:21

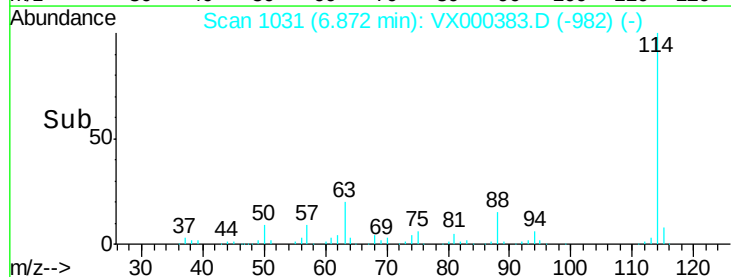
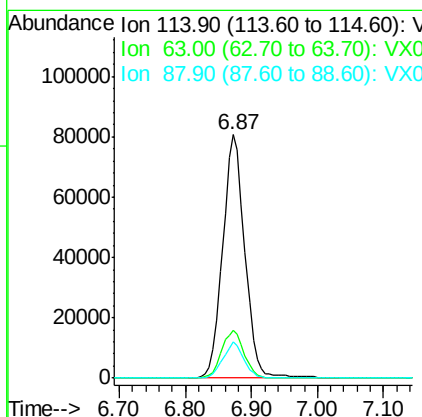
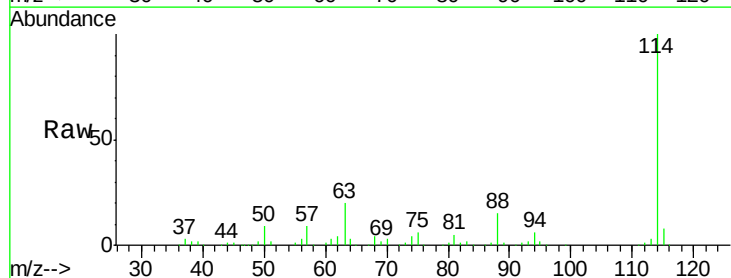
Instrument :
 MSVOA_X
 ClientSampleId :
 DGA-TOP-LAYER-1-A

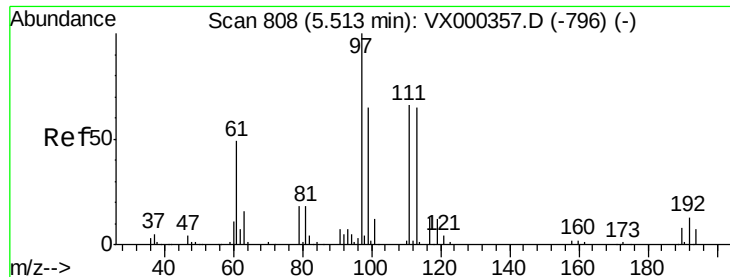
Tot Ion: 65 Resp: 75948
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000383.D
 Acq: 21 Mar 2018 14:21

Tgt Ion: 114 Resp: 187193
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 14.7 0.0 27.0

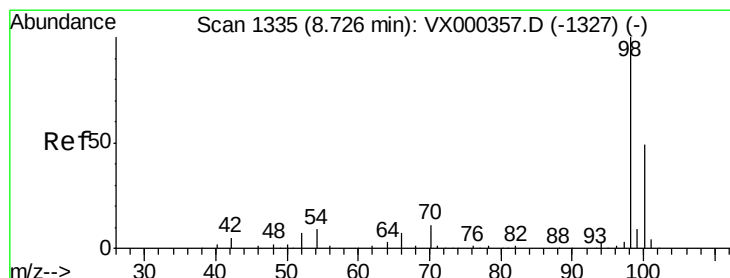
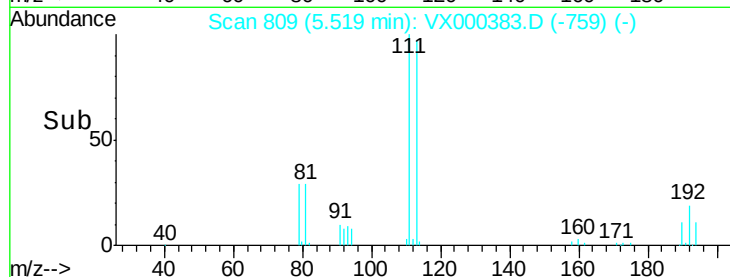
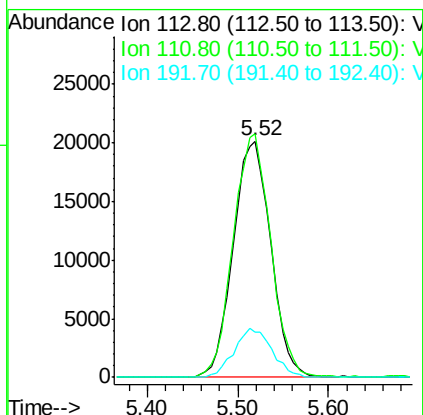
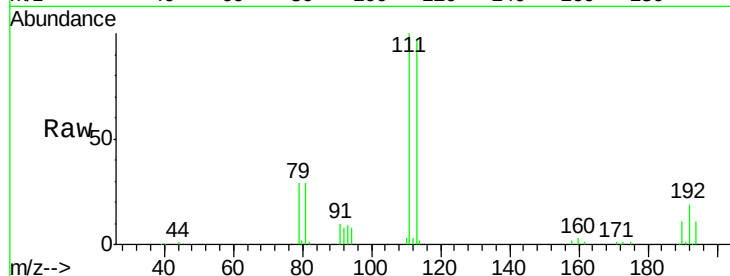




#35
 Dibromofluoromethane
 Concen: 49.11 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000383.D
 Acq: 21 Mar 2018 14:21

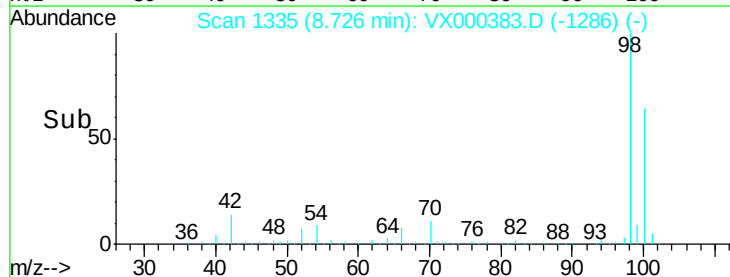
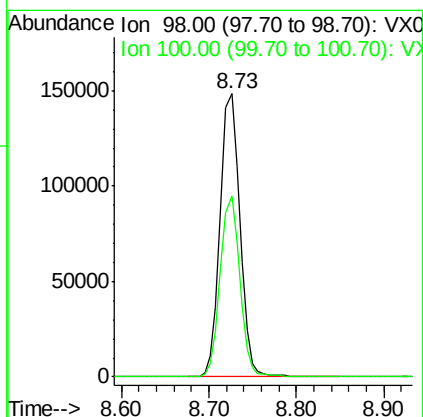
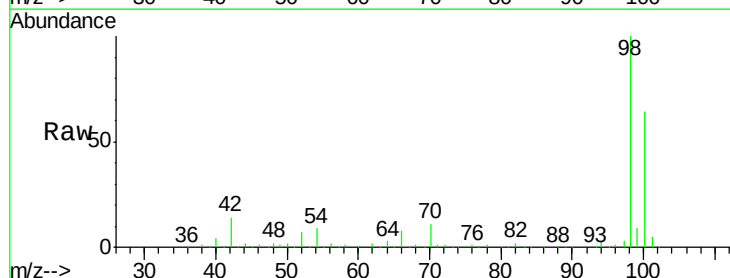
Instrument :
 MSVOA_X
 ClientSampleId :
 DGA-TOP-LAYER-1-A

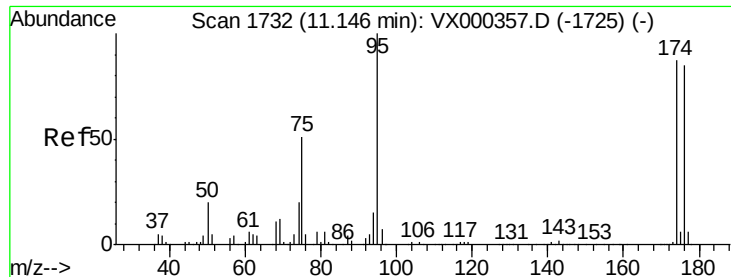
Tot Ion:113 Resp: 57919
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 20.7 15.8 23.6



#50
 Toluene-d8
 Concen: 47.95 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000383.D
 Acq: 21 Mar 2018 14:21

Tgt Ion: 98 Resp: 234243
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 39.93 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000383.D

Acq: 21 Mar 2018 14:21

Instrument :

MSVOA_X

ClientSampleId :

DGA-TOP-LAYER-1-A

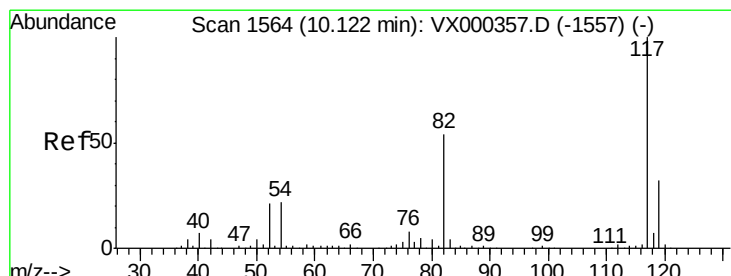
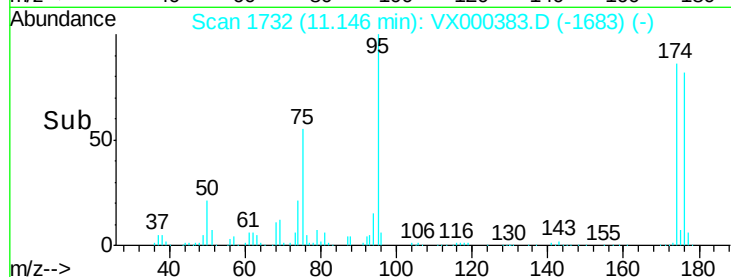
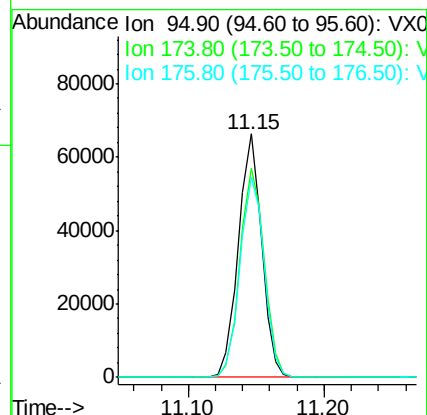
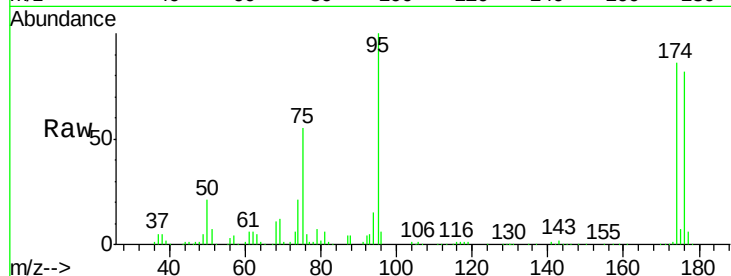
Tot Ion: 95 Resp: 79482

Ion Ratio Lower Upper

95 100

174 88.9 0.0 173.6

176 85.0 0.0 164.6



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000383.D

Acq: 21 Mar 2018 14:21

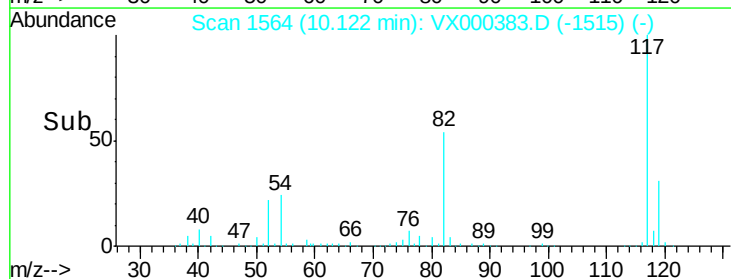
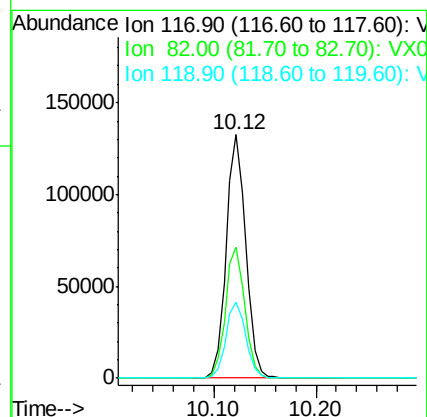
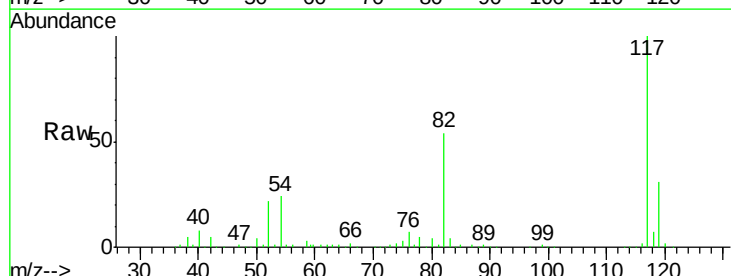
Tgt Ion: 117 Resp: 176596

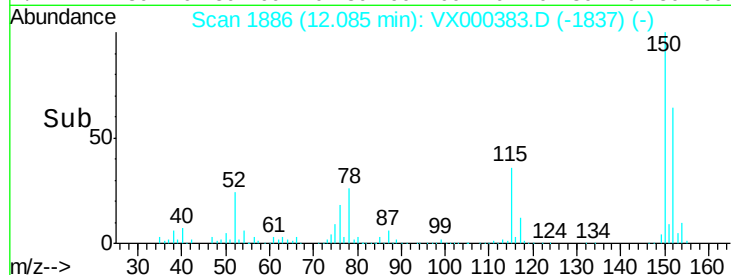
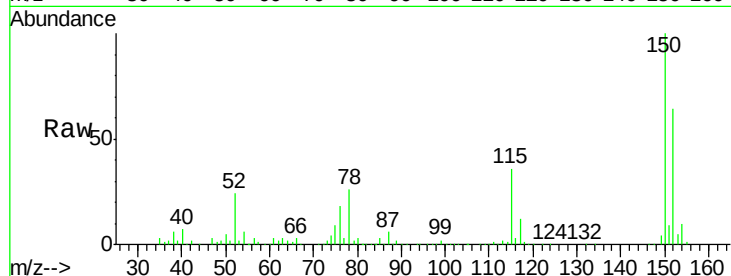
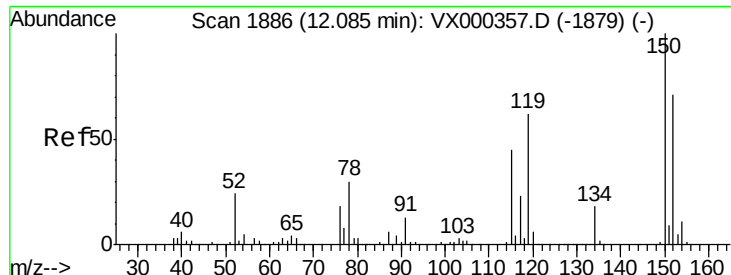
Ion Ratio Lower Upper

117 100

82 54.0 43.8 65.8

119 31.4 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000383.D

Acq: 21 Mar 2018 14:21

Instrument :

MSVOA_X

ClientSampleId :

DGA-TOP-LAYER-1-A

Tot Ion:152 Resp: 85920

Ion Ratio Lower Upper

152 100

115 56.5 39.8 119.3

150 158.8 0.0 344.4

