

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006664.D
 Acq On : 20 Dec 2018 10:01
 Operator : JC/MD
 Sample : J6488-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-181218

Quant Time: Dec 21 03:49:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	661199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1042052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	962112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	457800	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355775	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	307861	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.71	98	1219660	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	443131	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

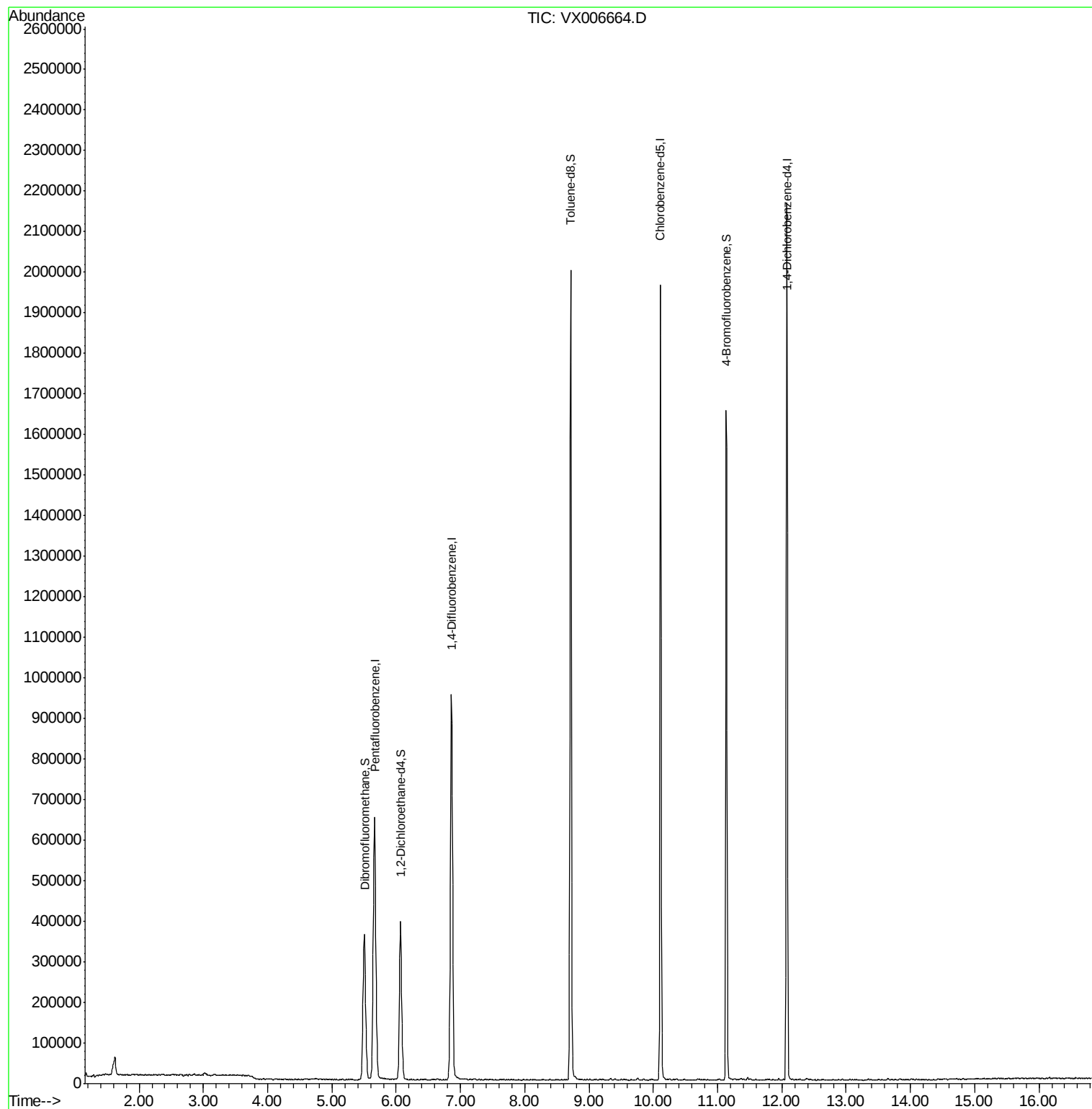
Target Compounds	Qvalue

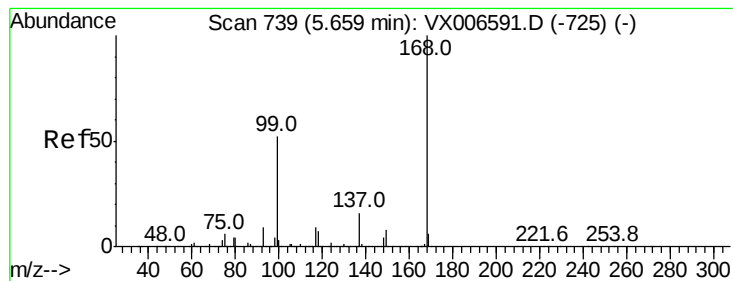
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006664.D

Acq: 20 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampled :

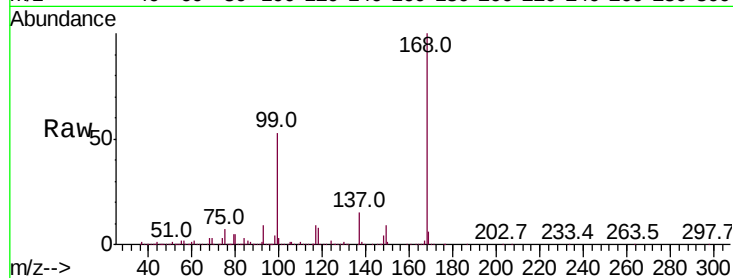
TB-01-181218

Tot Ion:168 Resp: 661199

Ion Ratio Lower Upper

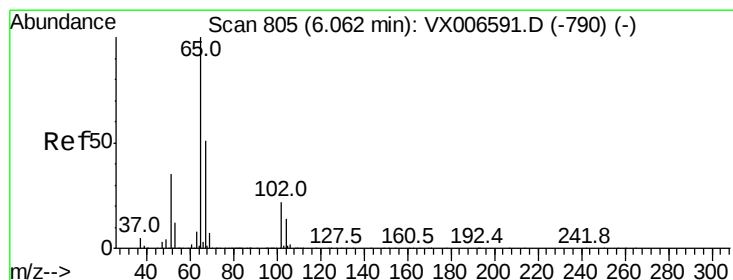
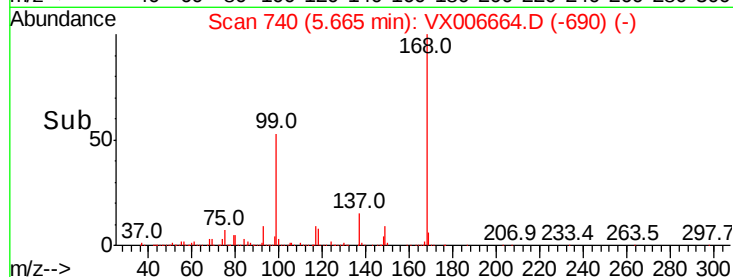
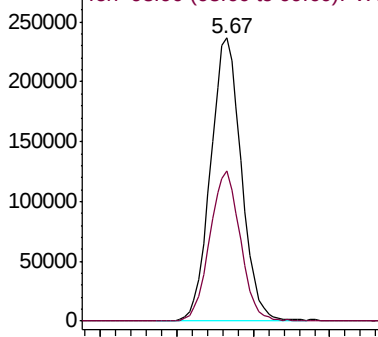
168 100

99 53.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.926 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006664.D

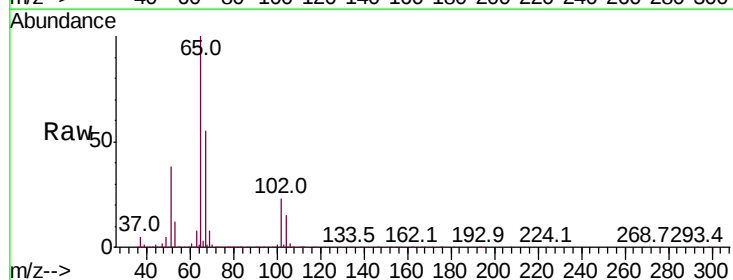
Acq: 20 Dec 2018 10:01

Tgt Ion: 65 Resp: 355775

Ion Ratio Lower Upper

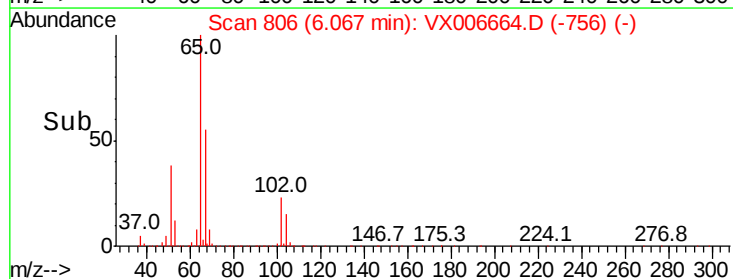
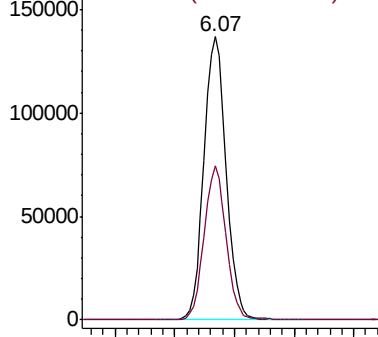
65 100

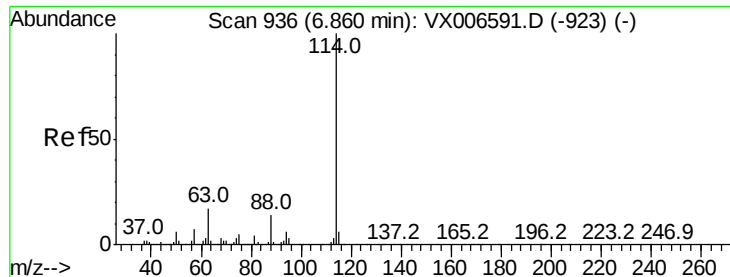
67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006664.D

Acq: 20 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

TB-01-181218

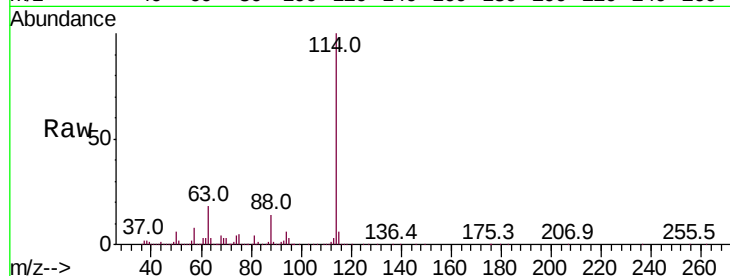
Tot Ion:114 Resp: 1042052

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

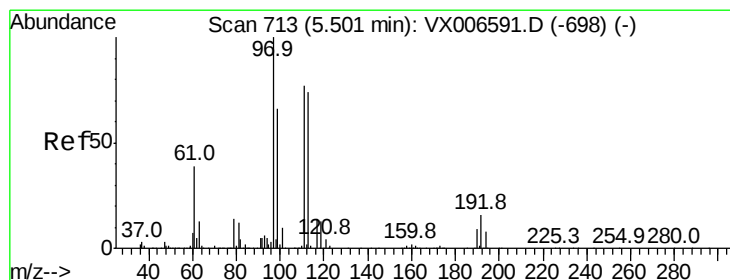
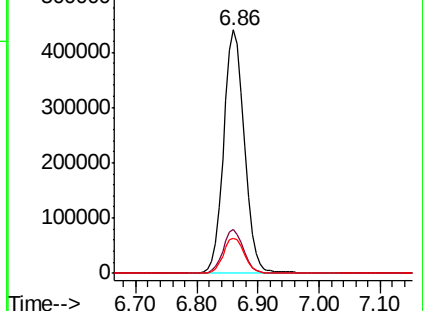
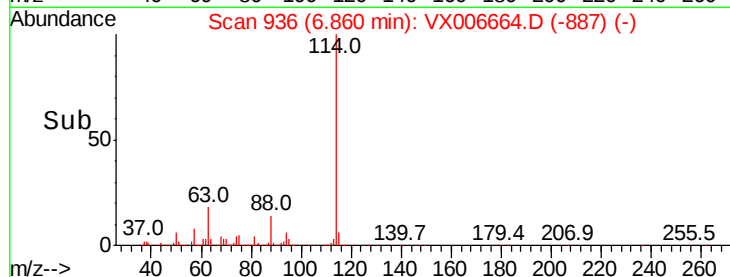
88 14.4 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.718 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006664.D

Acq: 20 Dec 2018 10:01

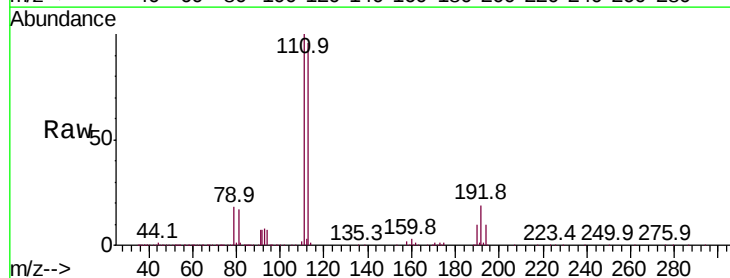
Tgt Ion:113 Resp: 307861

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

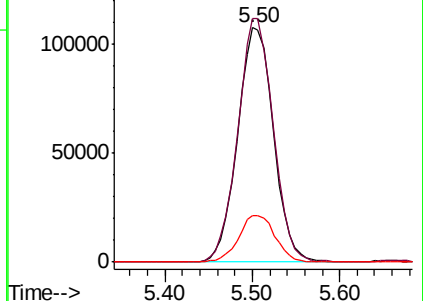
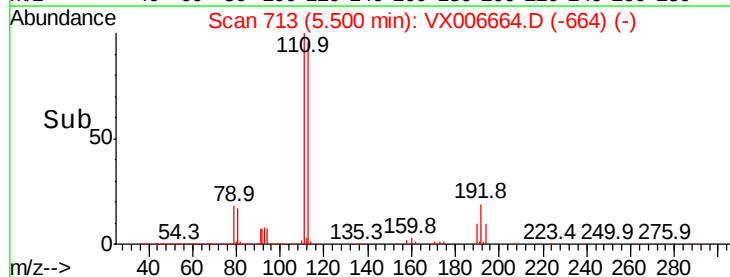
192 20.4 16.7 25.1

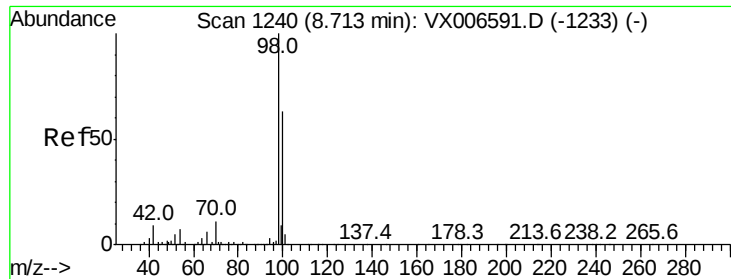


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

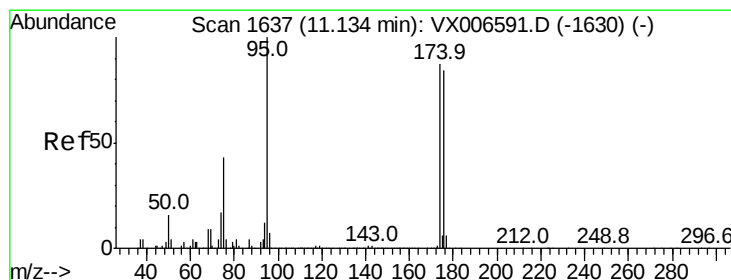
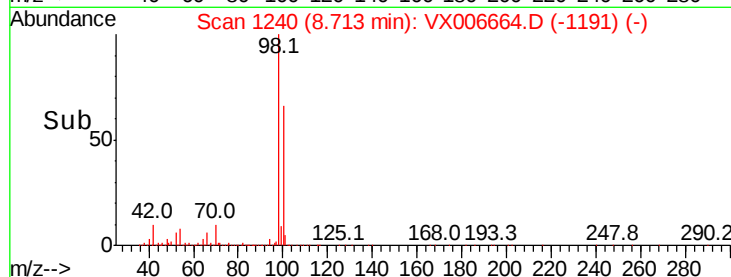
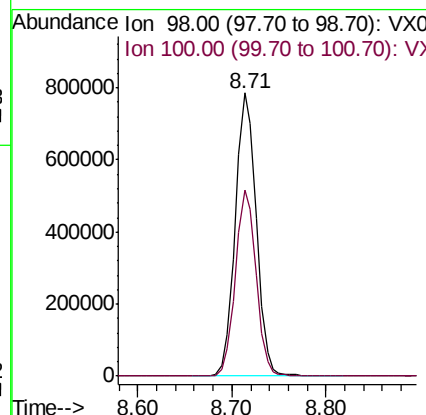
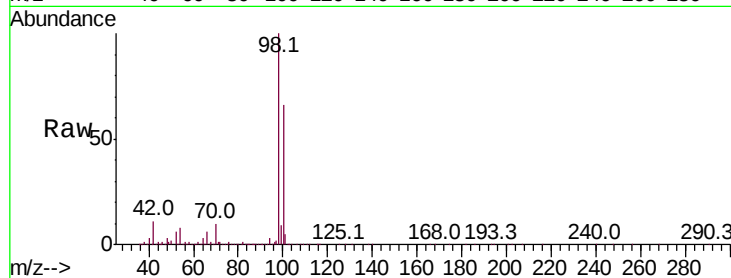




#50
Toluene-d8
Concen: 49.094 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

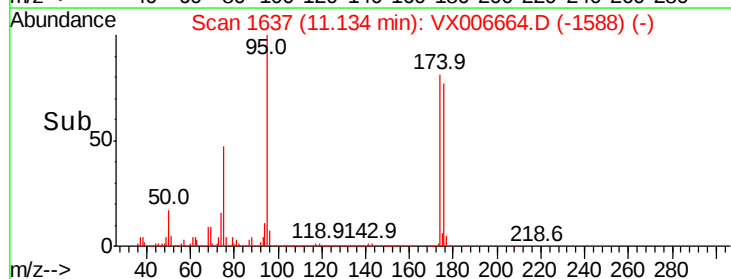
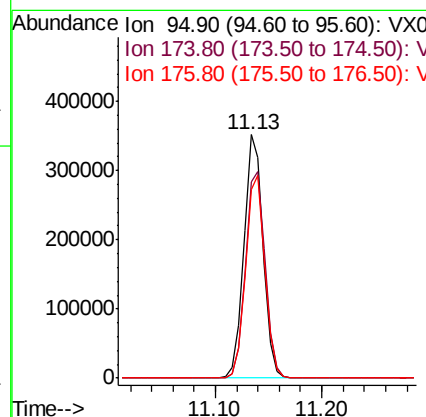
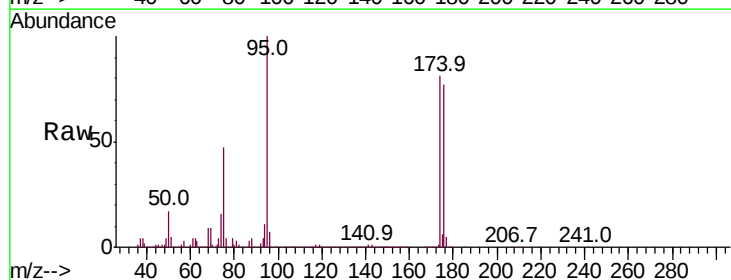
Instrument :
MSVOA_X
ClientSampleId :
TB-01-181218

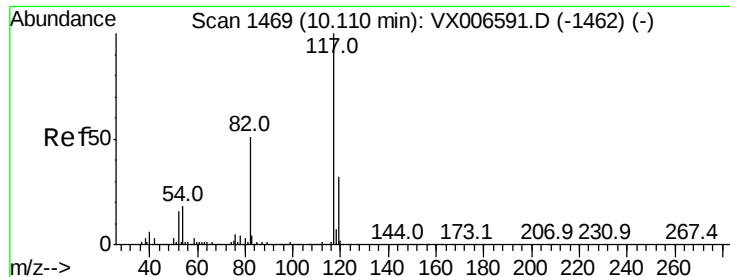
Tot Ion: 98 Resp: 1219660
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006664.D
Acq: 20 Dec 2018 10:01

Tgt Ion: 95 Resp: 443131
Ion Ratio Lower Upper
95 100
174 87.7 0.0 182.2
176 84.2 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006664.D

Acq: 20 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

TB-01-181218

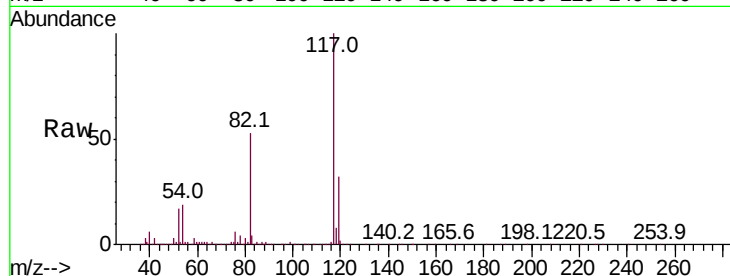
Tot Ion:117 Resp: 962112

Ion Ratio Lower Upper

117 100

82 53.3 41.0 61.6

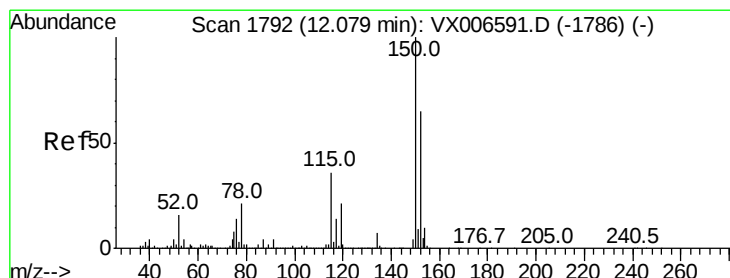
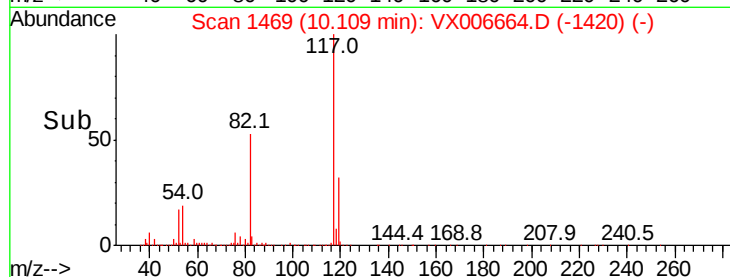
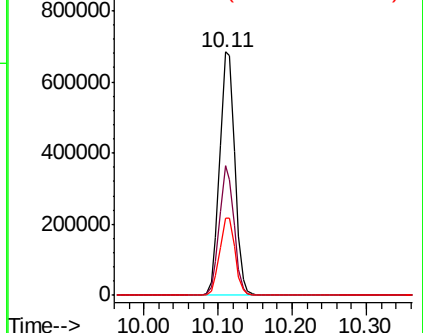
119 31.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006664.D

Acq: 20 Dec 2018 10:01

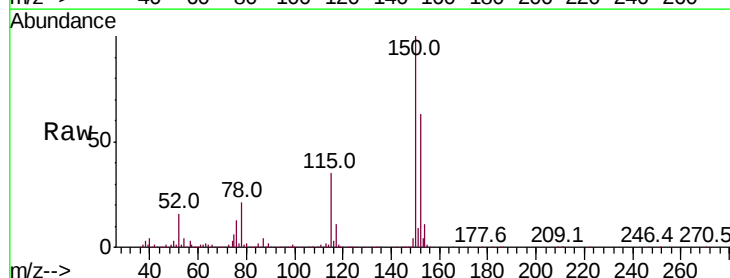
Tgt Ion:152 Resp: 457800

Ion Ratio Lower Upper

152 100

115 56.9 39.1 117.2

150 157.9 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

