

Data File : VN049652.D
Acq On : 30 Jun 2018 17:27
Operator : MD\SY
Sample : J3752-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB

Quant Time: Jul 07 04:08:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

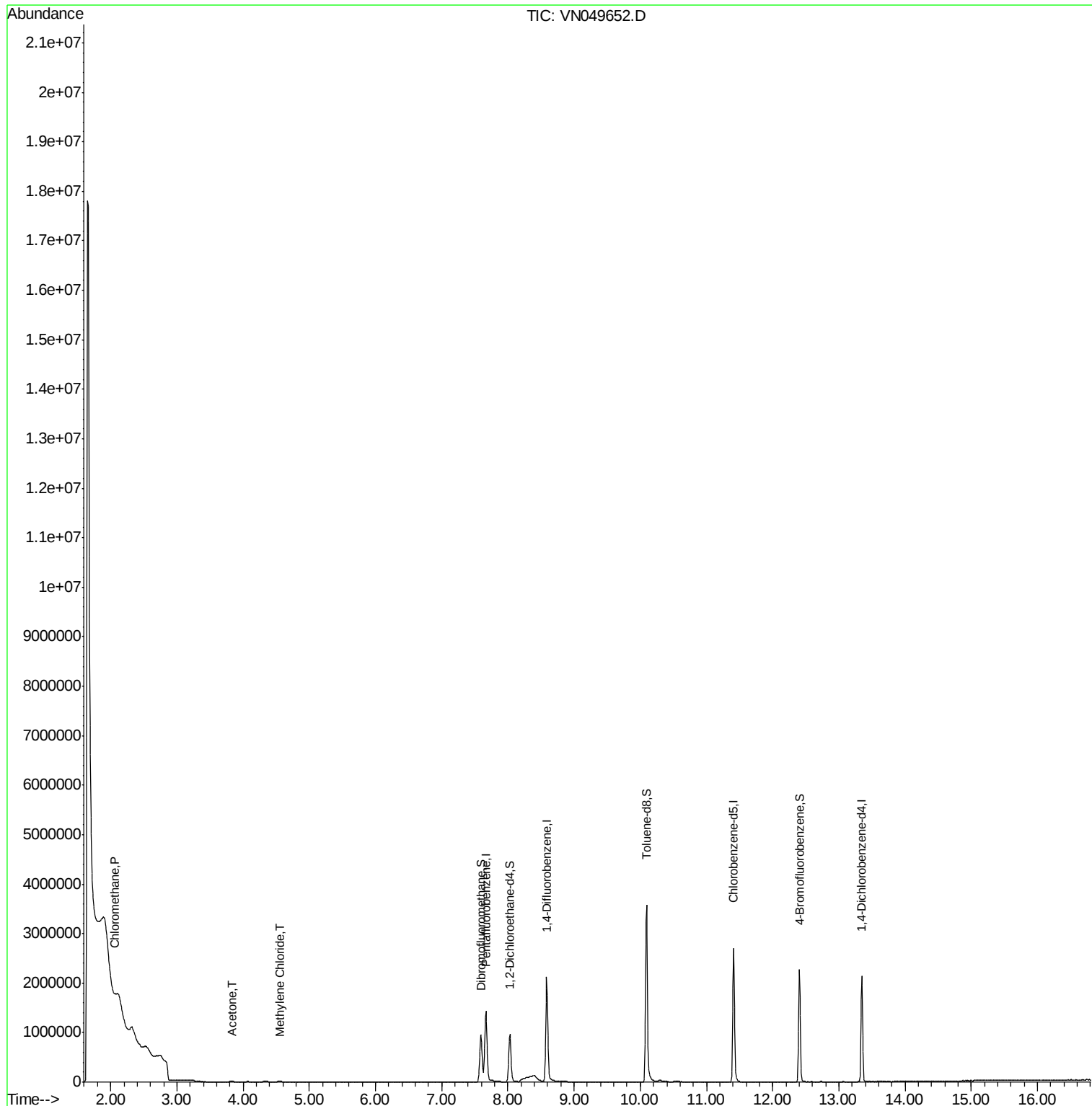
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1307940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2039448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1720506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	619502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	851452	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	7.59	113	747833	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.09	98	2777161	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
62) 4-Bromofluorobenzene	12.40	95	785710	38.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.12%	
Target Compounds						
3) Chloromethane	2.06	50	6341	0.344	ug/l	99
16) Acetone	3.83	43	31632	1.166	ug/l	91
20) Methylene Chloride	4.55	84	12586	0.708	ug/l #	87

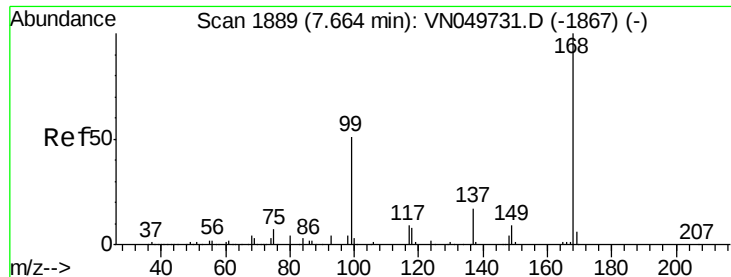
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

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ClientSampleId :

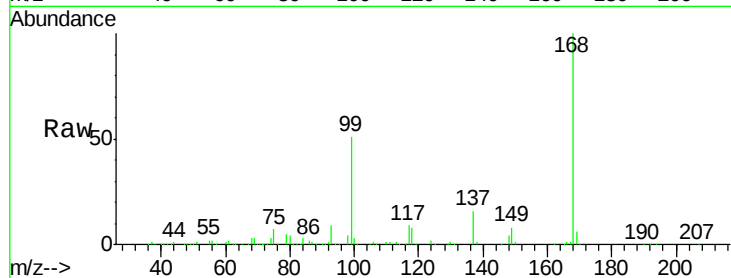
TB

Tgt Ion:168 Resp: 1307940

Ion Ratio Lower Upper

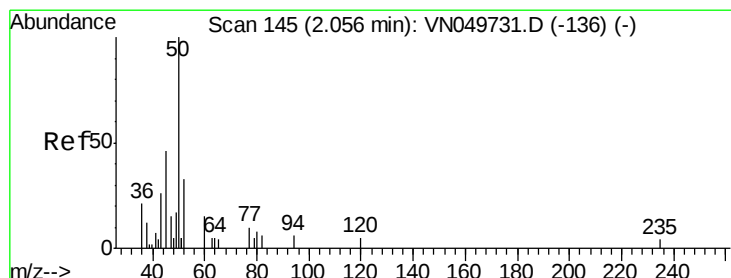
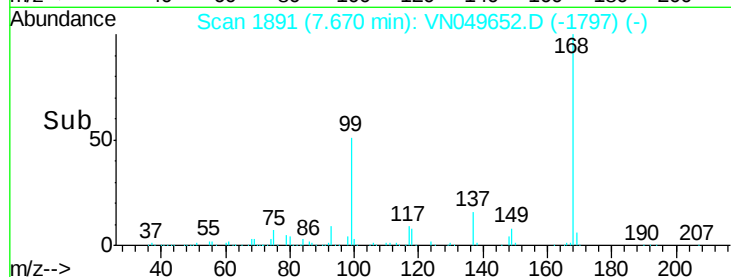
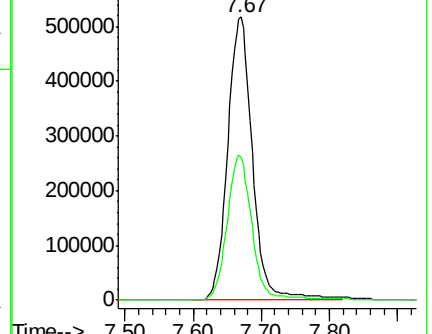
168 100

99 50.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.344 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049652.D

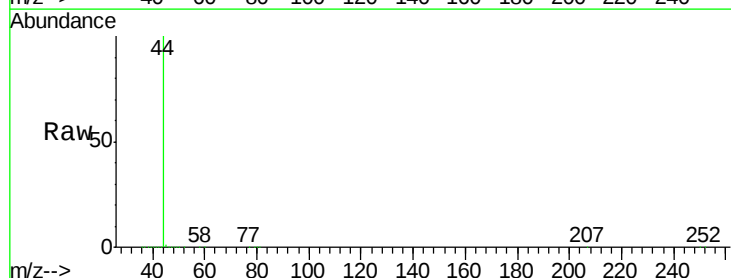
Acq: 30 Jun 2018 17:27

Tgt Ion: 50 Resp: 6341

Ion Ratio Lower Upper

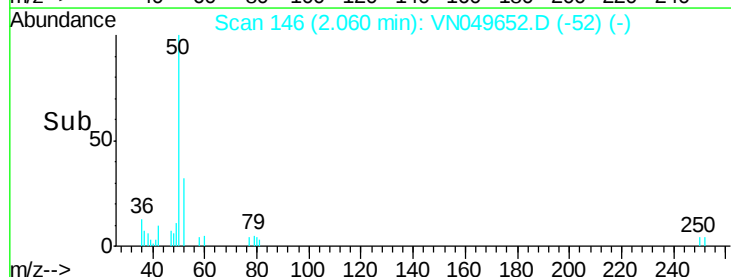
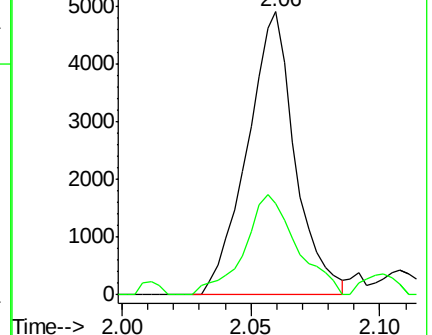
50 100

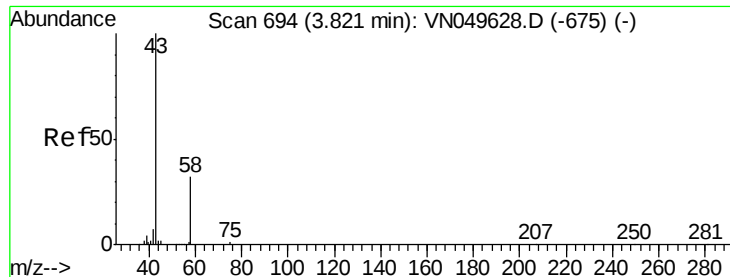
52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#16

Acetone

Concen: 1.166 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049652.D

Acq: 30 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

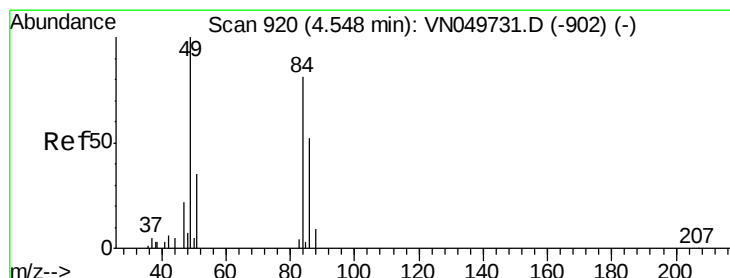
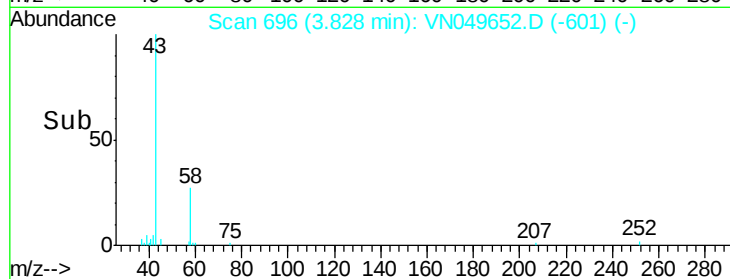
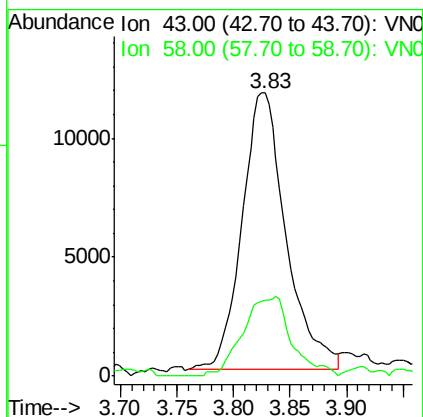
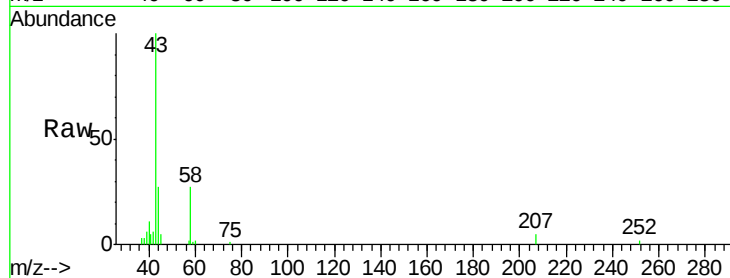
TB

Tgt Ion: 43 Resp: 31632

Ion Ratio Lower Upper

43 100

58 27.5 25.9 38.9



#20

Methylene Chloride

Concen: 0.708 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN049652.D

Acq: 30 Jun 2018 17:27

Tgt Ion: 84 Resp: 12586

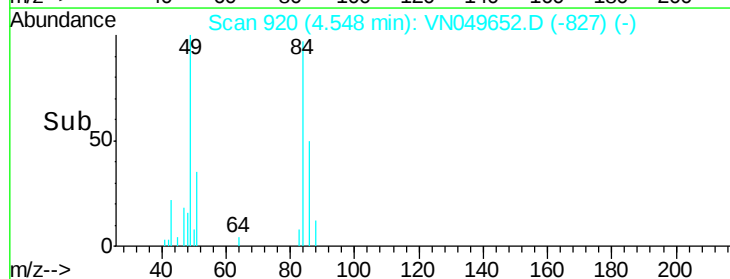
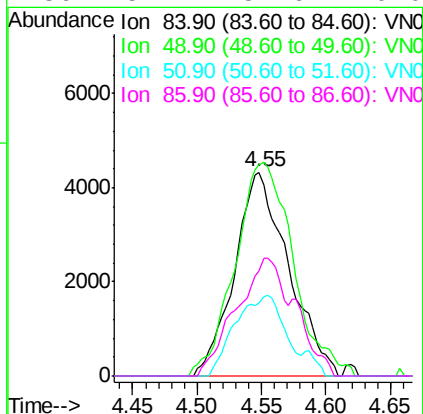
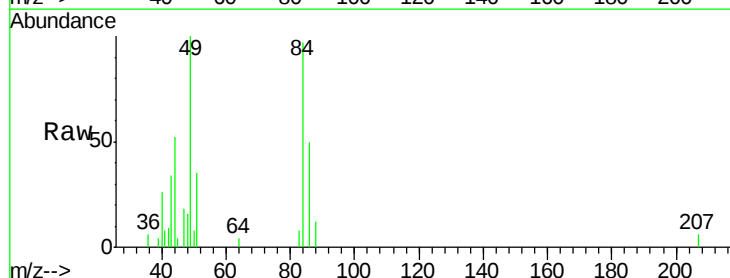
Ion Ratio Lower Upper

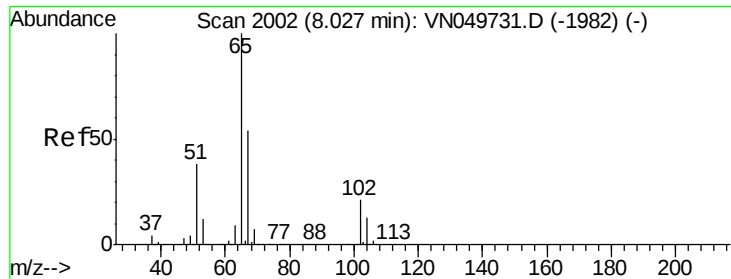
84 100

49 103.3 95.4 143.2

51 36.0 28.4 42.6

86 51.7 52.6 79.0#

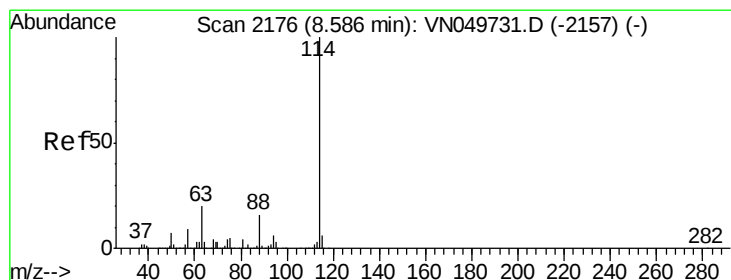
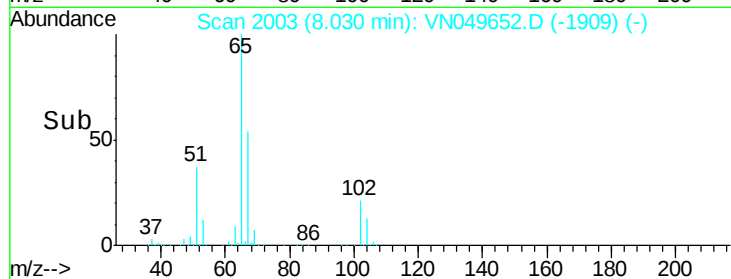
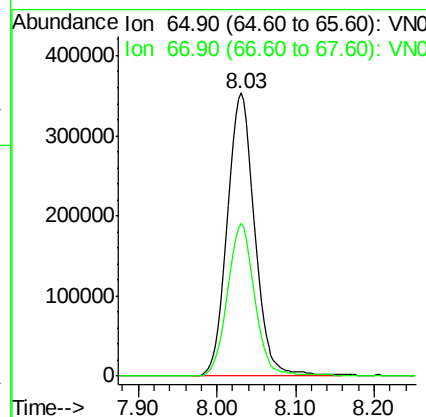
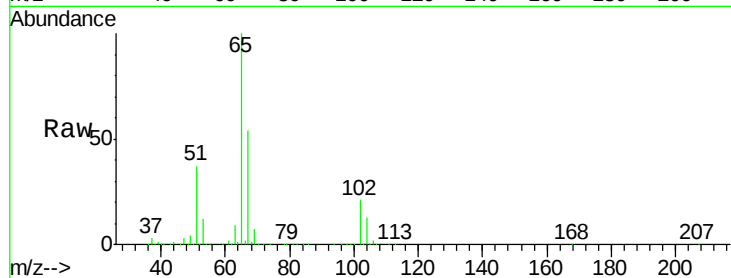




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049652.D
 Acq: 30 Jun 2018 17:27

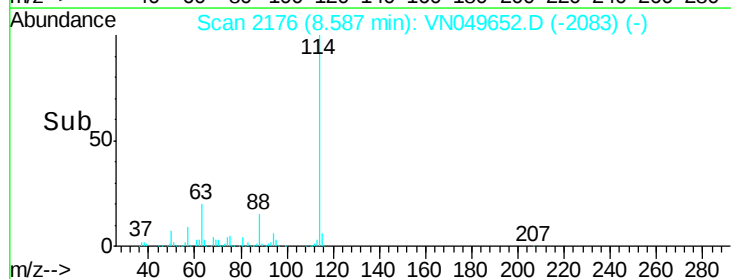
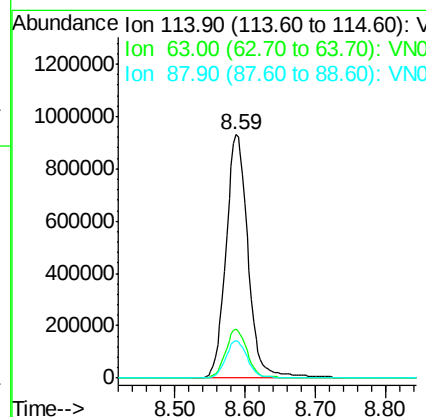
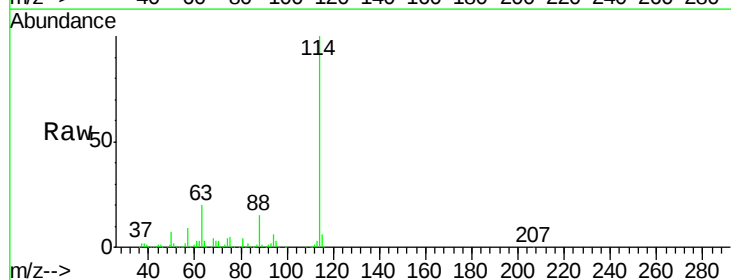
Instrument :
 MSVOA_N
 ClientSampled :
 TB

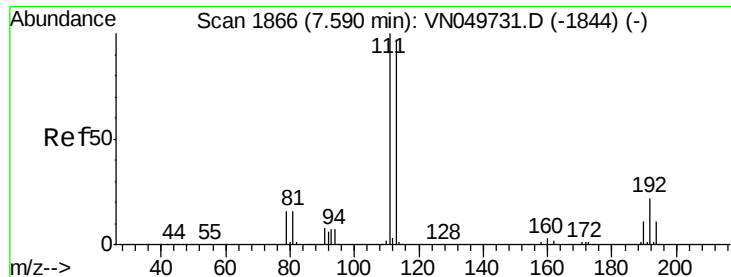
Tgt Ion: 65 Resp: 851452
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049652.D
 Acq: 30 Jun 2018 17:27

Tgt Ion: 114 Resp: 2039448
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.4 0.0 30.6

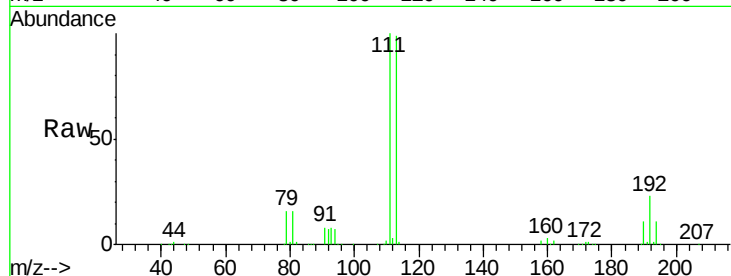




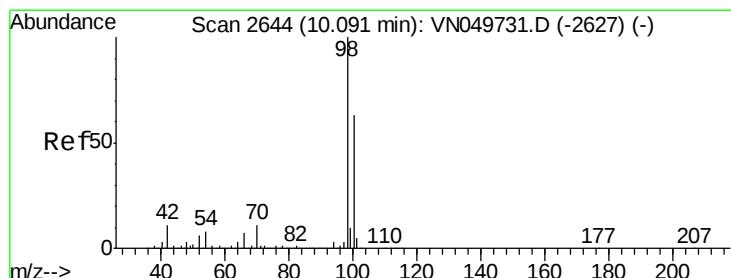
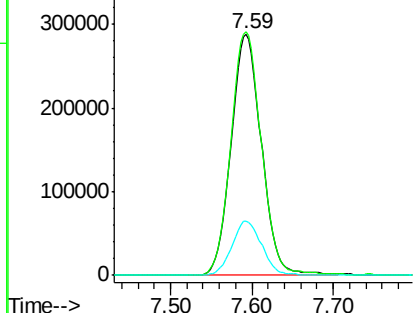
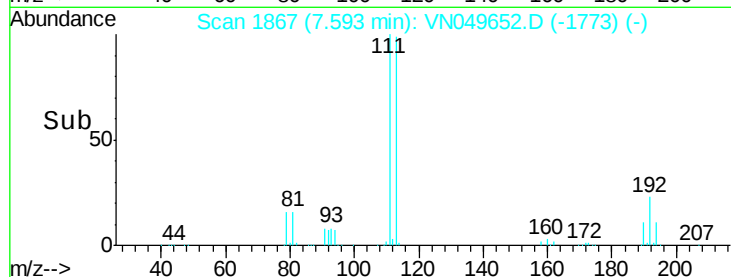
#35
 Dibromofluoromethane
 Concen: 49.048 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049652.D
 Acq: 30 Jun 2018 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Tgt Ion:113 Resp: 747833
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.8
 192 22.1 17.8 26.6

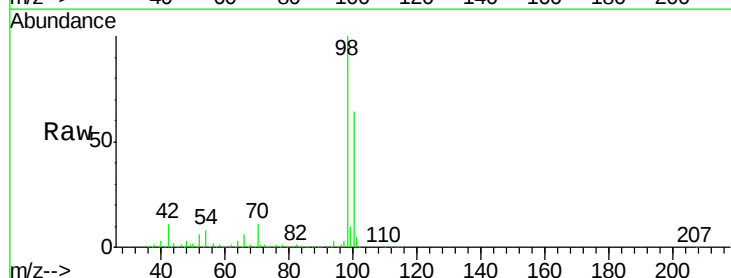


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

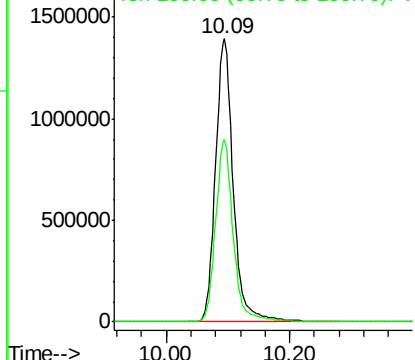
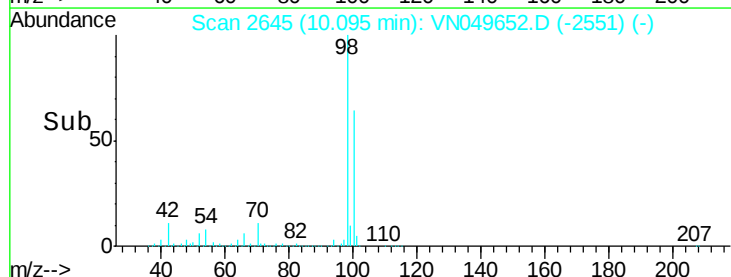


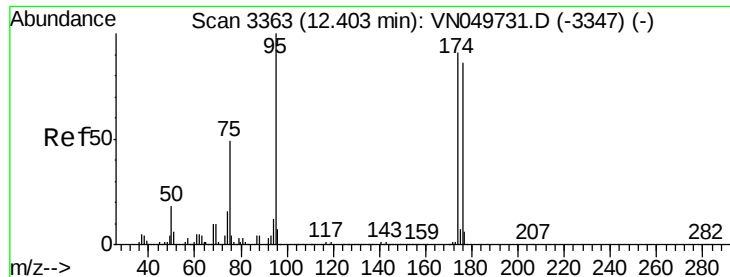
#50
 Toluene-d8
 Concen: 46.534 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049652.D
 Acq: 30 Jun 2018 17:27

Tgt Ion: 98 Resp: 2777161
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 38.561 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049652.D

Acq: 30 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

TB

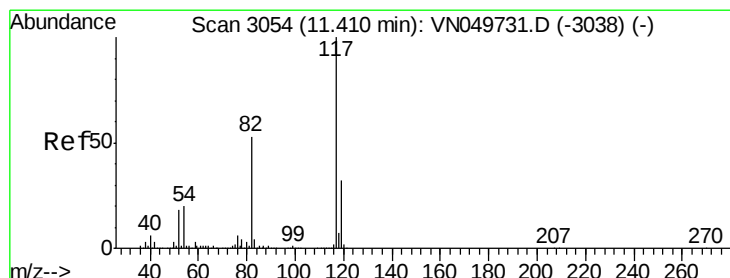
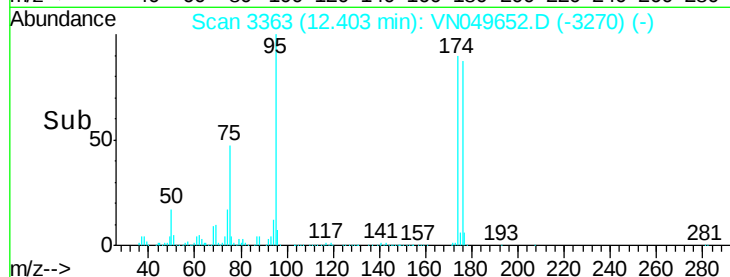
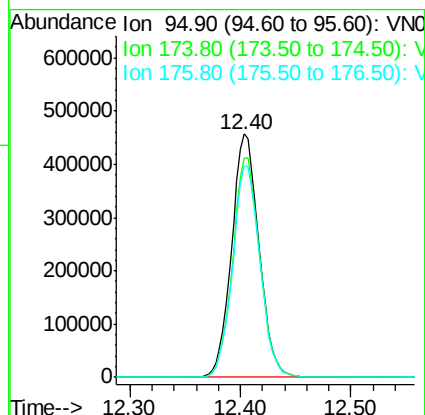
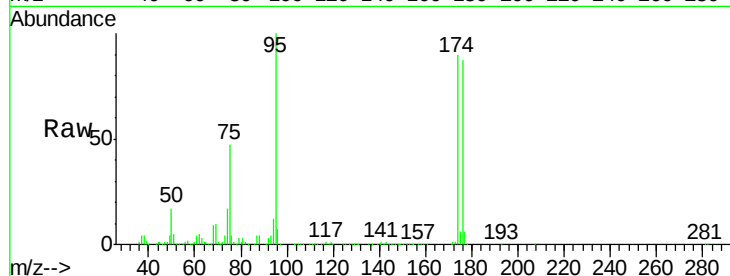
Tgt Ion: 95 Resp: 785710

Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.6

176 87.0 0.0 174.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049652.D

Acq: 30 Jun 2018 17:27

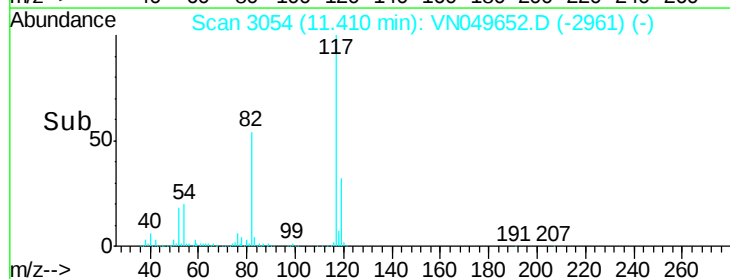
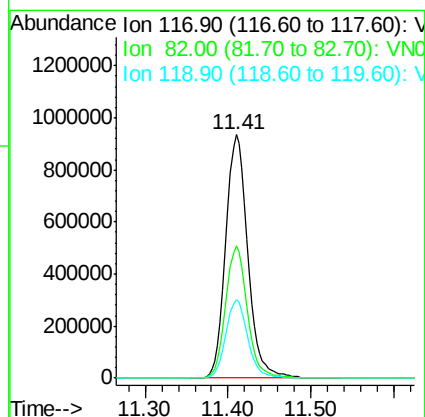
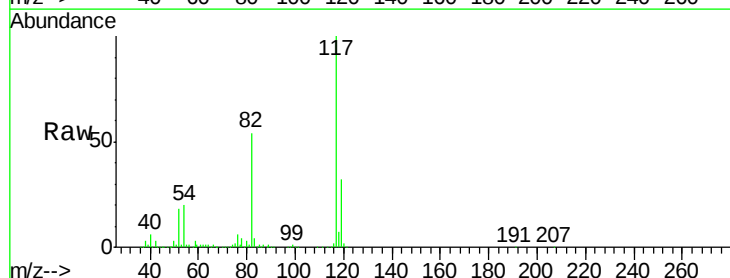
Tgt Ion: 117 Resp: 1720506

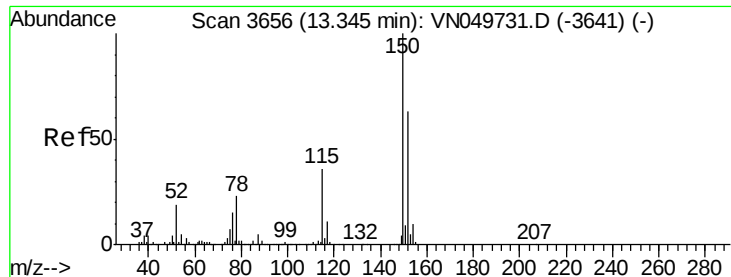
Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049652.D

Acq: 30 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

TB

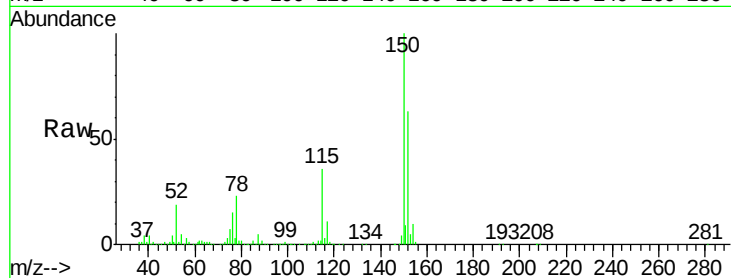
Tgt Ion:152 Resp: 619502

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 156.1 0.0 347.6



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

