

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063018\
 Data File : VN049657.D
 Acq On : 30 Jun 2018 19:36
 Operator : MD\SY
 Sample : J3752-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jul 11 03:17:12 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

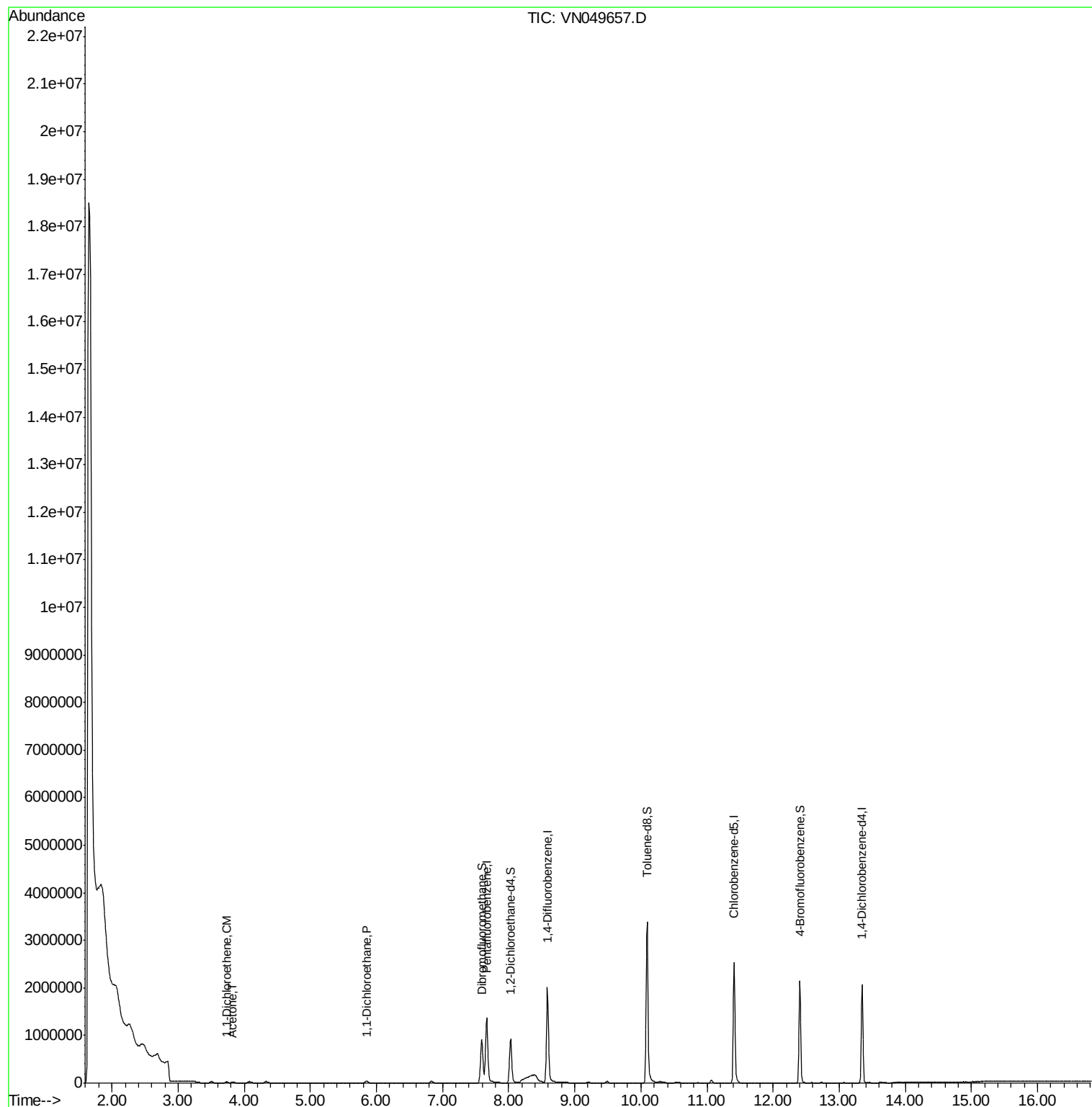
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1210971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1915415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1617371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	808207	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	711367	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	10.09	98	2633724	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.40	95	742530	38.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.60%	
Target Compounds						
12) 1,1-Dichloroethene	3.73	96	13484	0.948	ug/l	92
16) Acetone	3.82	43	28776	1.002	ug/l	98
24) 1,1-Dichloroethane	5.84	63	53149	1.909	ug/l	99

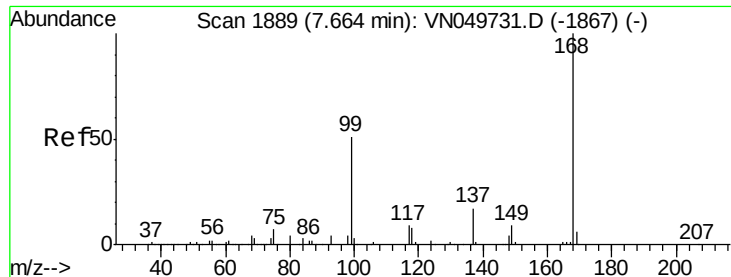
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049657.D

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Instrument :

MSVOA_N

ClientSampled :

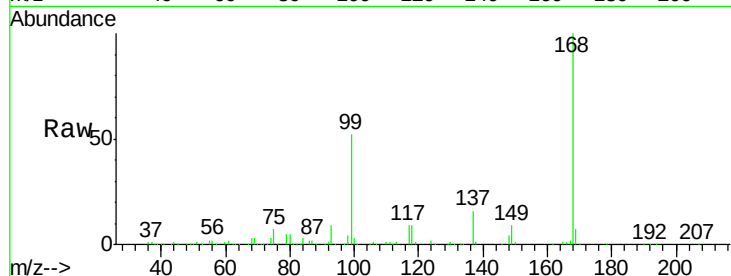
MW-4

Tgt Ion:168 Resp: 1210971

Ion Ratio Lower Upper

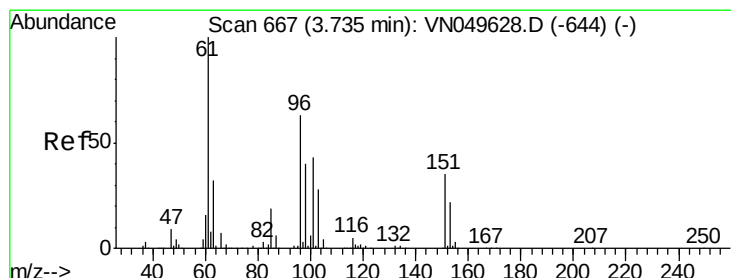
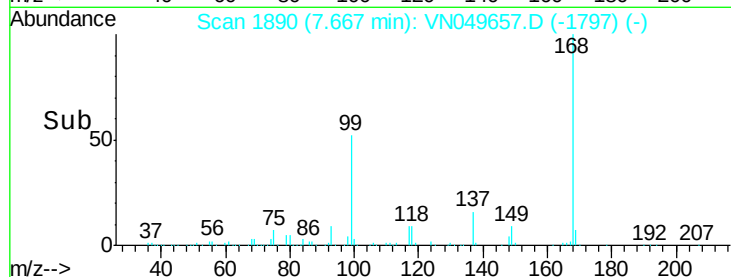
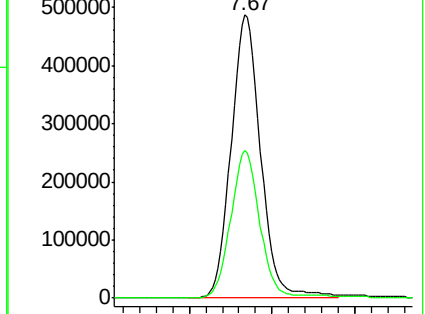
168 100

99 52.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#12

1,1-Dichloroethene

Concen: 0.948 ug/l

RT: 3.73 min Scan# 667

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

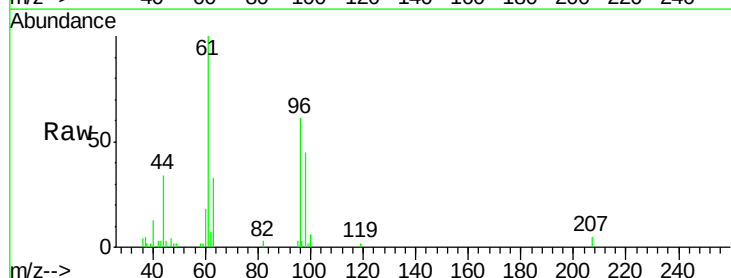
Tgt Ion: 96 Resp: 13484

Ion Ratio Lower Upper

96 100

61 165.0 126.5 189.7

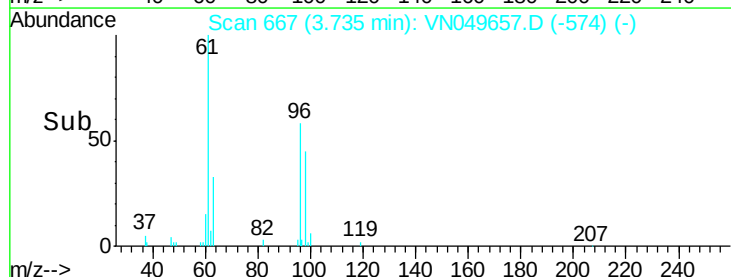
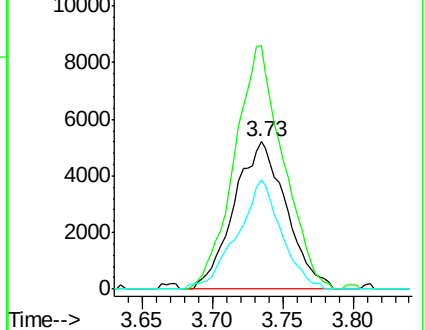
98 74.4 51.0 76.6

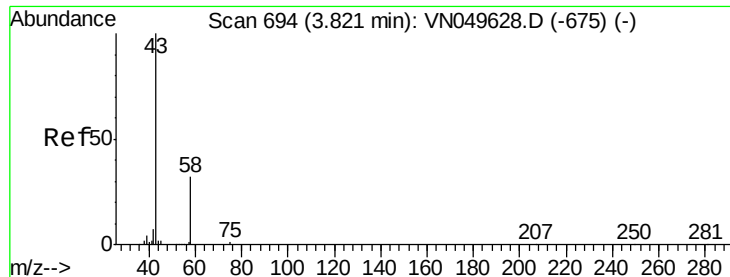


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#16

Acetone

Concen: 1.002 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampled :

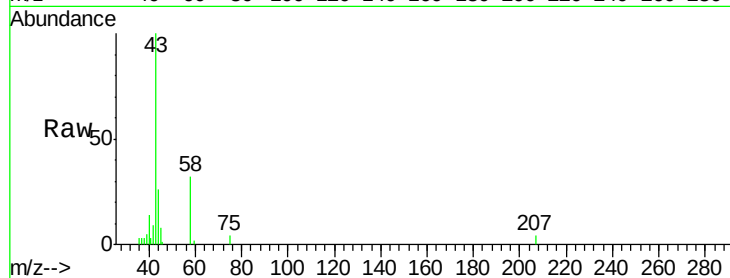
MW-4

Tgt Ion: 43 Resp: 28776

Ion Ratio Lower Upper

43 100

58 33.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

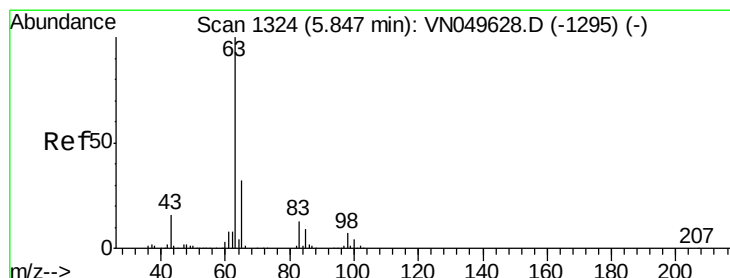
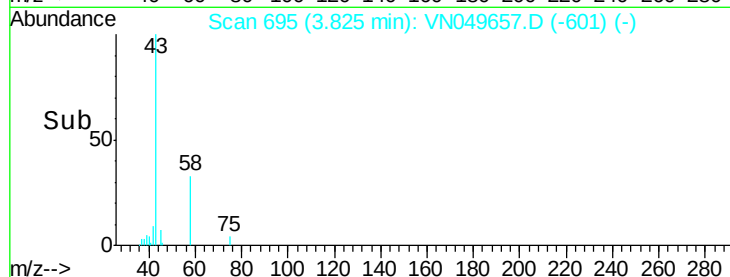
4000

2000

0

3.75 3.80 3.85 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 1.909 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

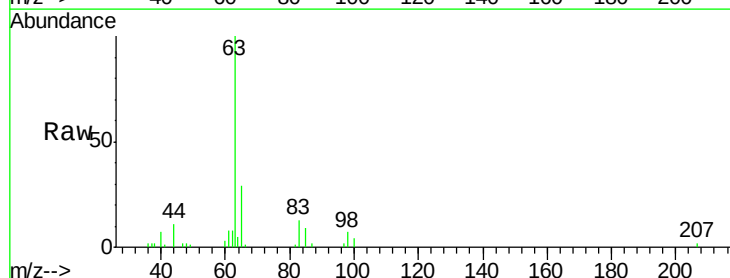
Tgt Ion: 63 Resp: 53149

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

20000

15000

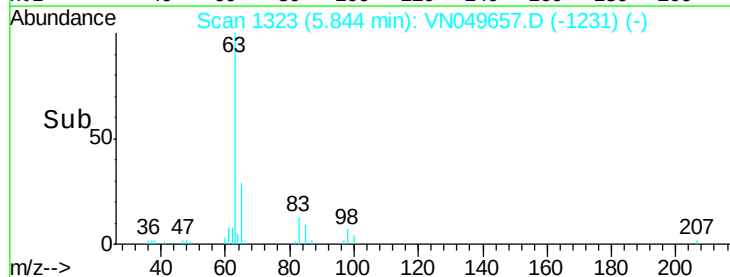
10000

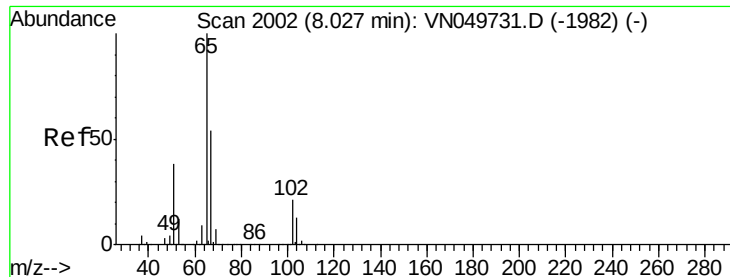
5000

0

5.80 5.90

Time-->

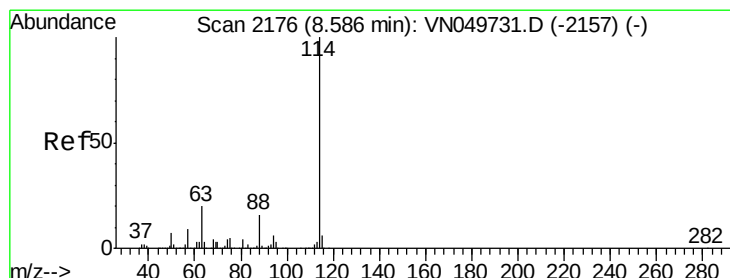
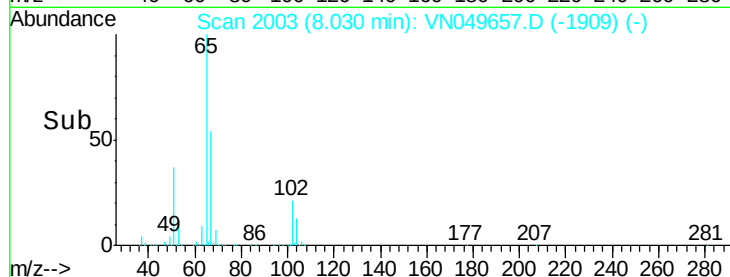
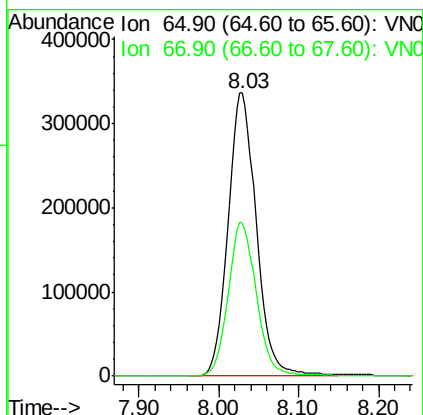
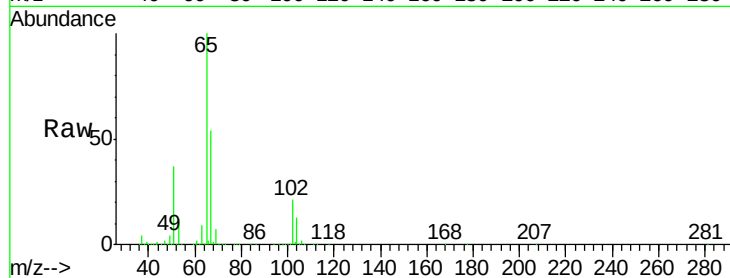




#33
 1,2-Dichloroethane-d4
 Concen: 50.538 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

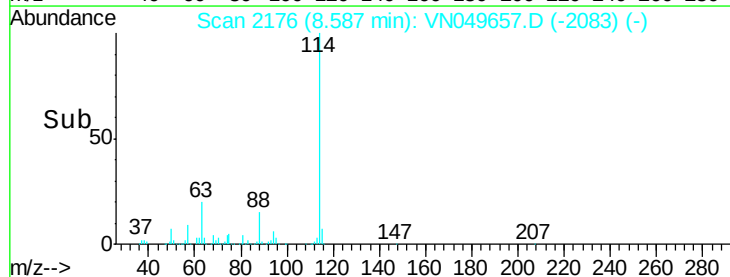
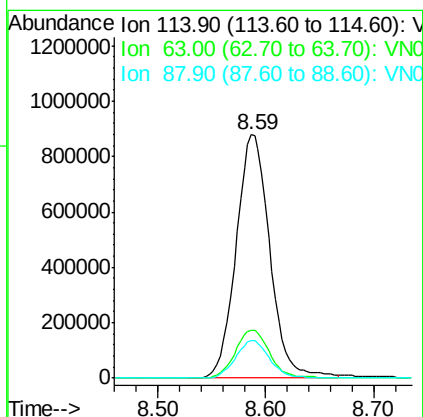
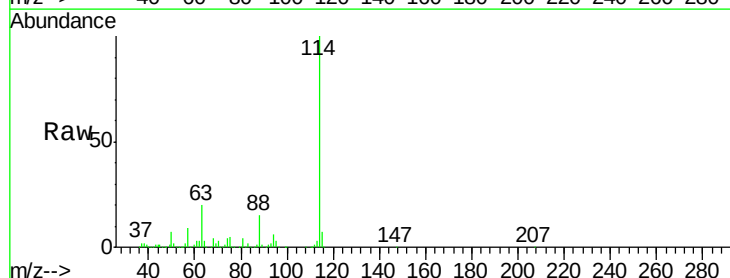
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

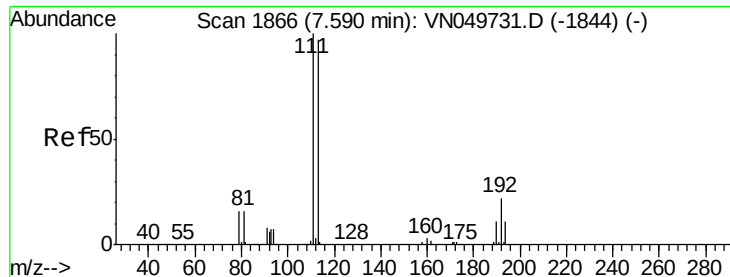
Tgt Ion: 65 Resp: 808207
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049657.D
 Acq: 30 Jun 2018 19:36

Tgt Ion: 114 Resp: 1915415
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.3 0.0 30.6

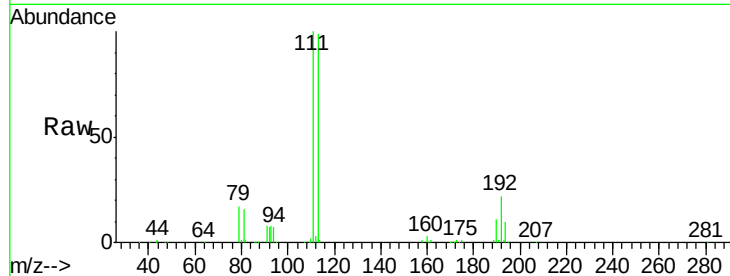




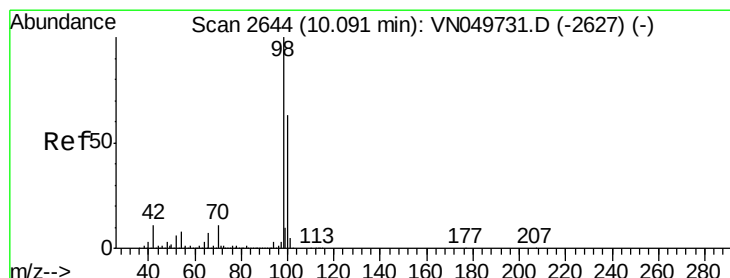
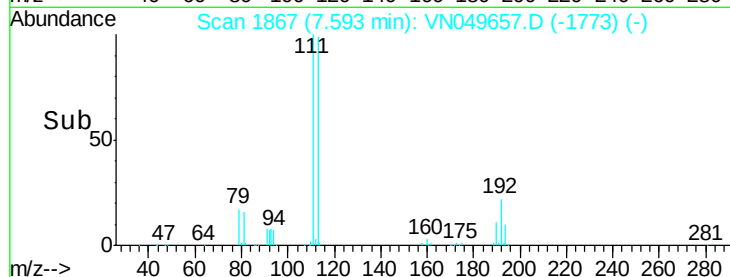
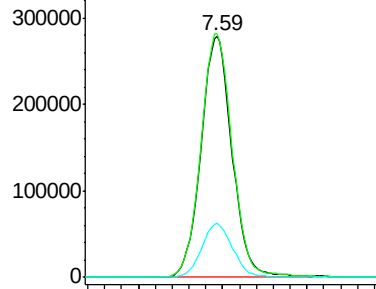
#35
Dibromofluoromethane
Concen: 49.677 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049657.D
Acq: 30 Jun 2018 19:36

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	22.4	17.8	26.6

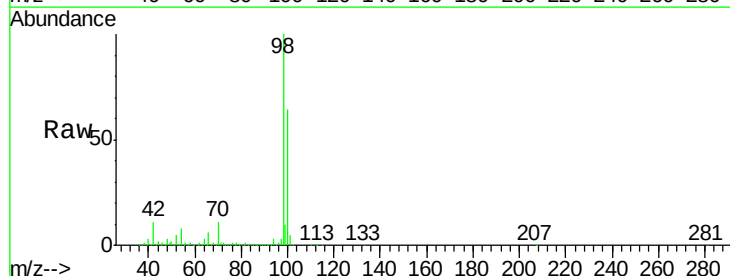


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

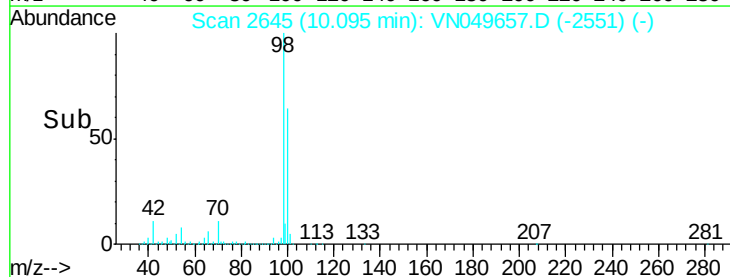
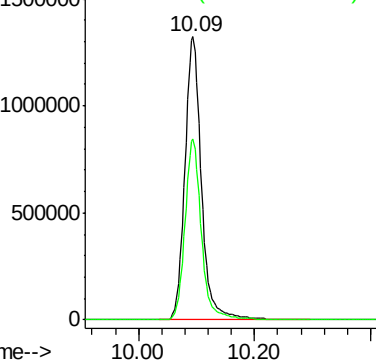


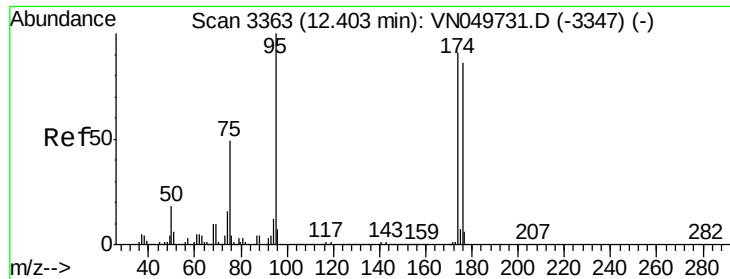
#50
Toluene-d8
Concen: 46.988 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049657.D
Acq: 30 Jun 2018 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	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: 38.802 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampleId :

MW-4

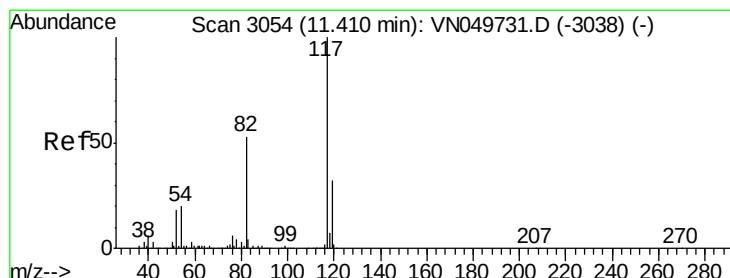
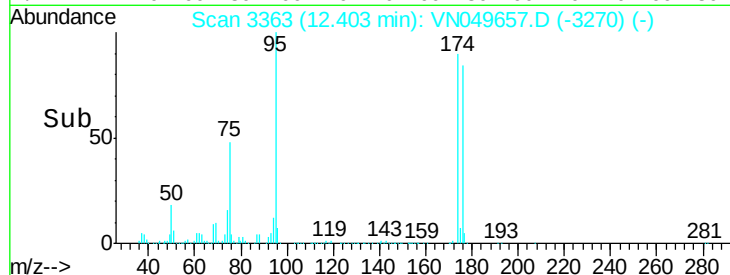
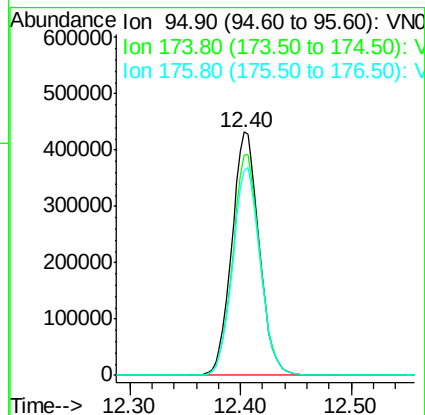
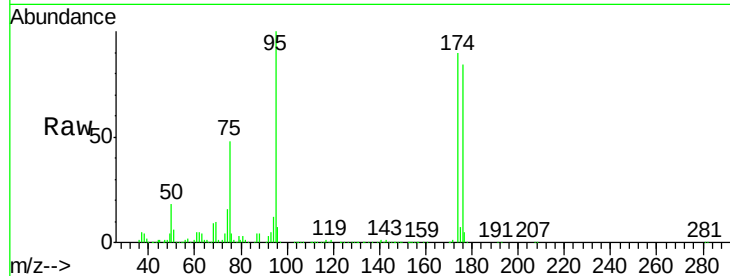
Tgt Ion: 95 Resp: 742530

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

176 85.9 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: VN049657.D

Acq: 30 Jun 2018 19:36

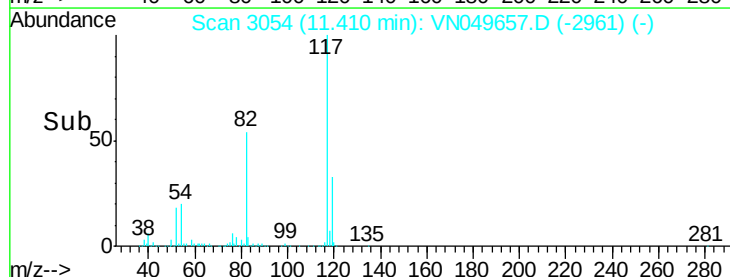
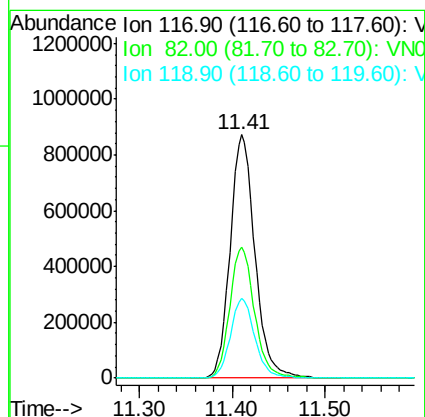
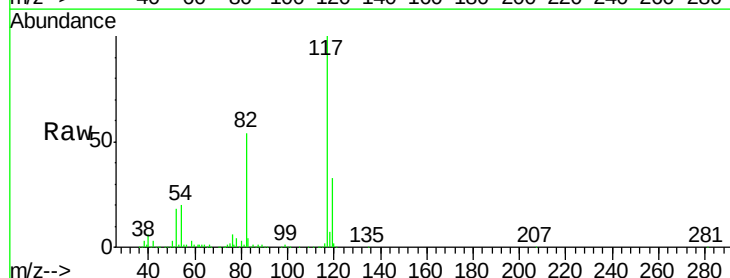
Tgt Ion: 117 Resp: 1617371

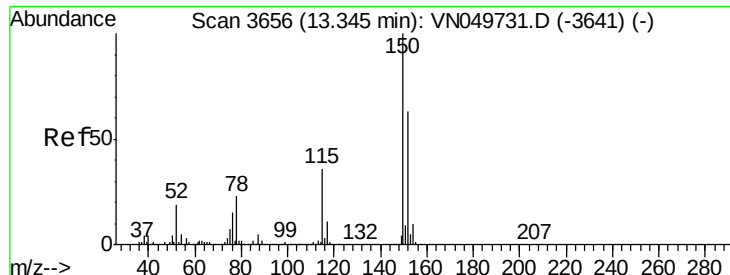
Ion Ratio Lower Upper

117 100

82 53.8 41.9 62.9

119 33.0 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: VN049657.D

Acq: 30 Jun 2018 19:36

Instrument :

MSVOA_N

ClientSampleId :

MW-4

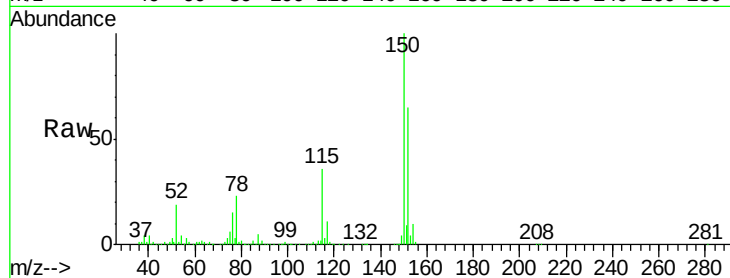
Tgt Ion:152 Resp: 605097

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 155.5 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

