

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049897.D
 Acq On : 19 Jul 2018 2:43
 Operator : MD\SY
 Sample : J3357-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Quant Time: Jul 19 14:13:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

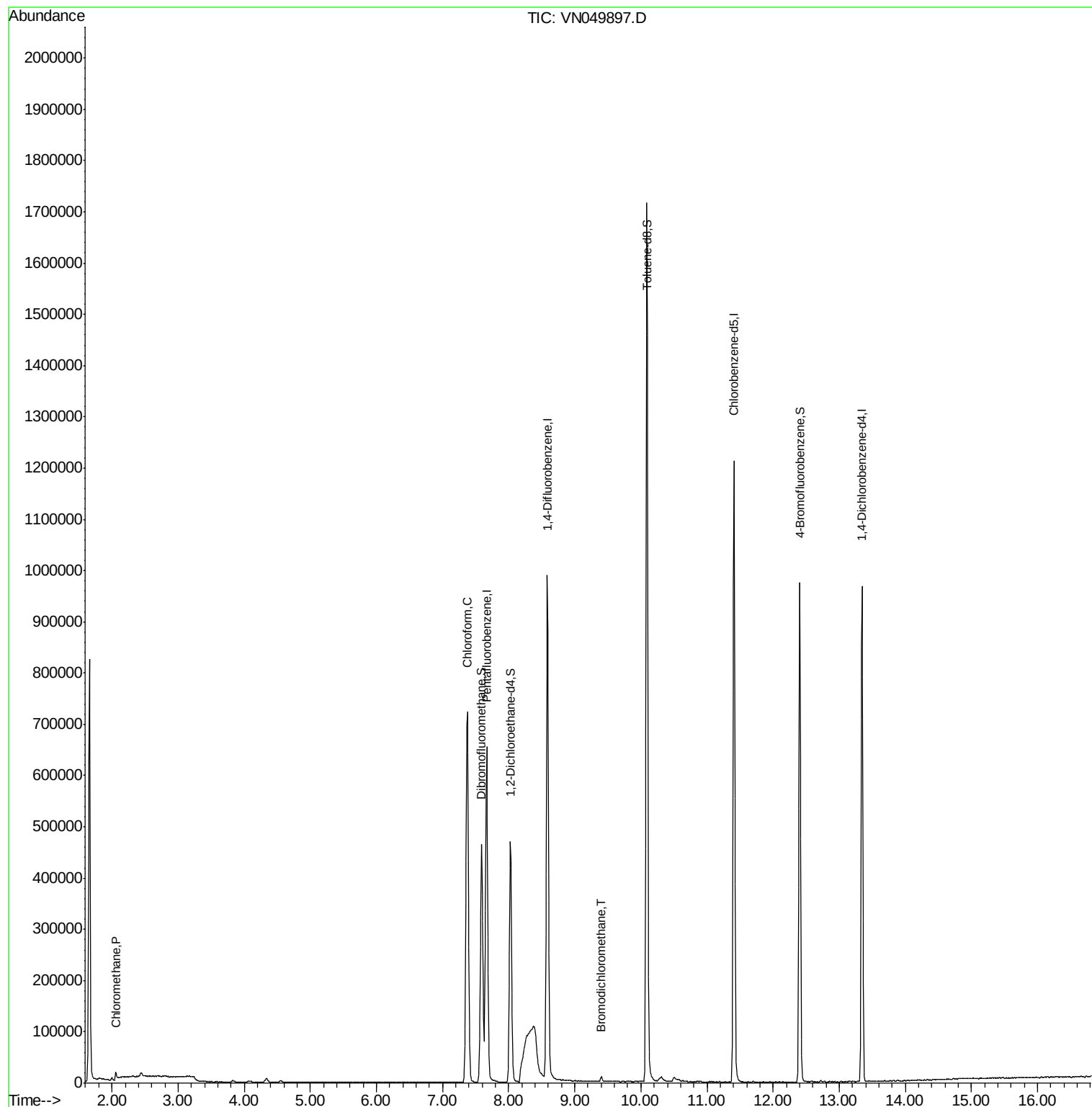
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	912820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	747186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	280805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	400140	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.59	113	358036	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	10.09	98	1212239	43.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.84%	
62) 4-Bromofluorobenzene	12.40	95	325723	33.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.74%	
Target Compounds						
3) Chloromethane	2.06	50	9987	1.32	ug/l	Qvalue 100
30) Chloroform	7.37	83	765821	60.29	ug/l	99
47) Bromodichloromethane	9.41	83	6756	0.63	ug/l #	92

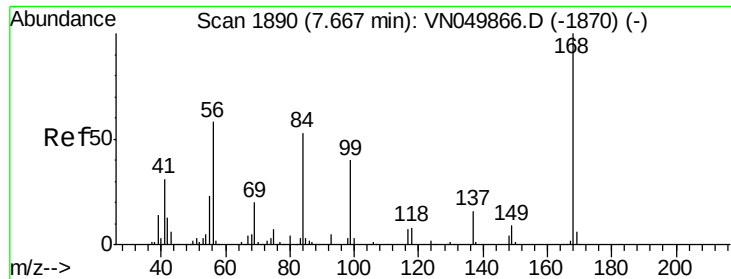
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049897.D

Acq: 19 Jul 2018 2:43

Instrument :

MSVOA_N

ClientSampled :

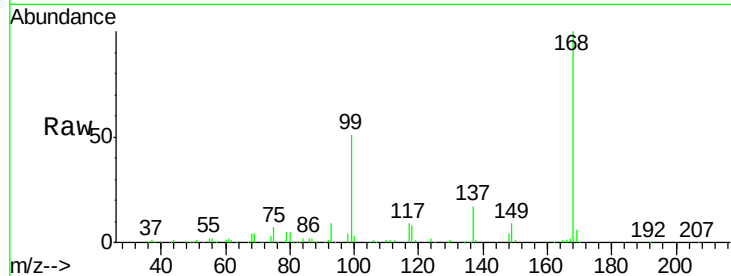
MW3

Tot Ion:168 Resp: 552638

Ion Ratio Lower Upper

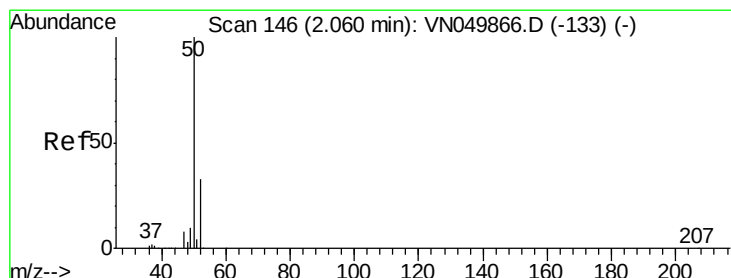
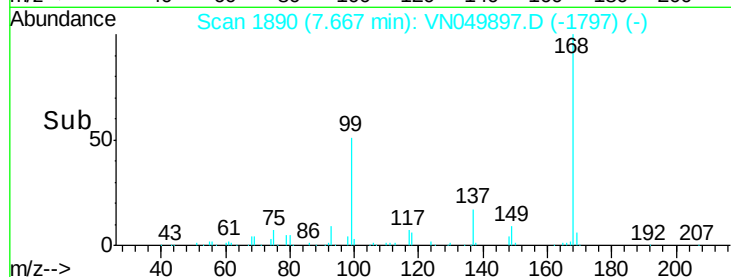
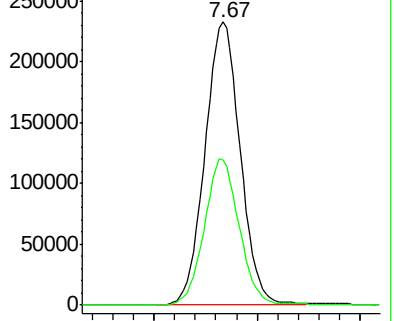
168 100

99 51.5 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: 1.32 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049897.D

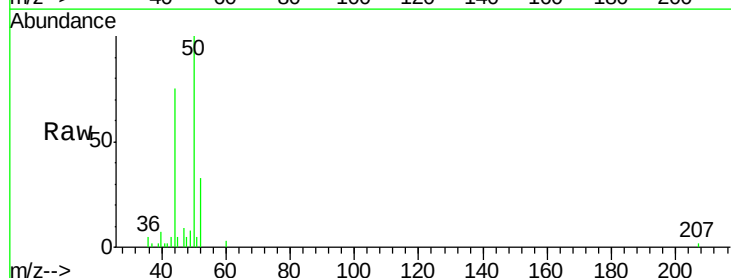
Acq: 19 Jul 2018 2:43

Tgt Ion: 50 Resp: 9987

Ion Ratio Lower Upper

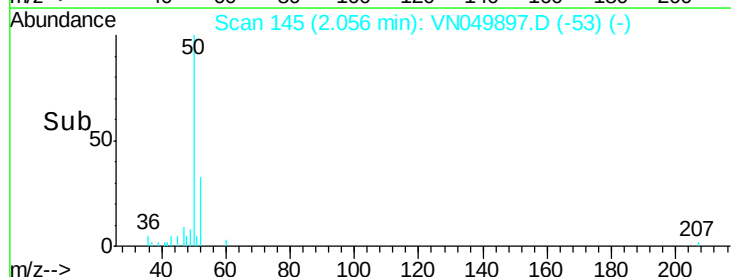
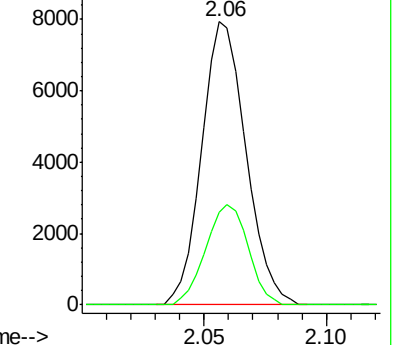
50 100

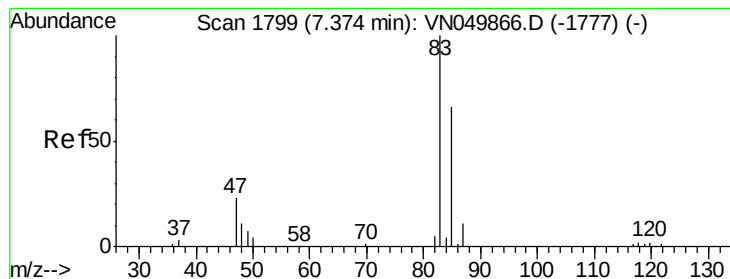
52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#30

Chloroform

Concen: 60.29 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN049897.D

Acq: 19 Jul 2018 2:43

Instrument :

MSVOA_N

ClientSampleId :

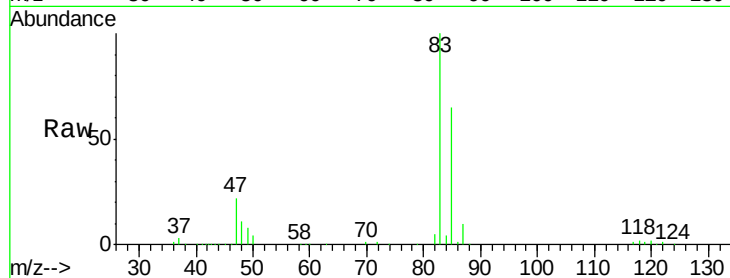
MW3

Tot Ion: 83 Resp: 765821

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.37

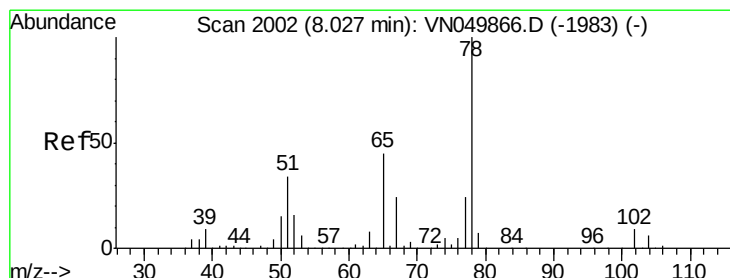
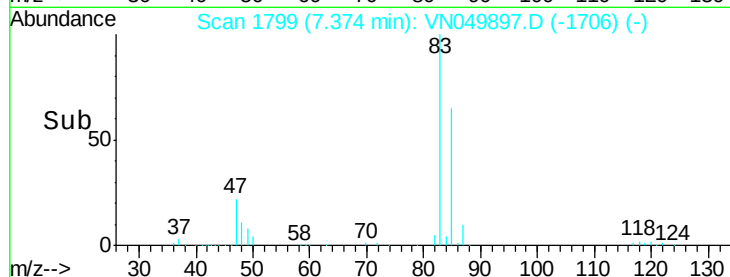
300000

200000

100000

0

Time--> 7.20 7.30 7.40 7.50



#33

1,2-Dichloroethane-d4

Concen: 52.68 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049897.D

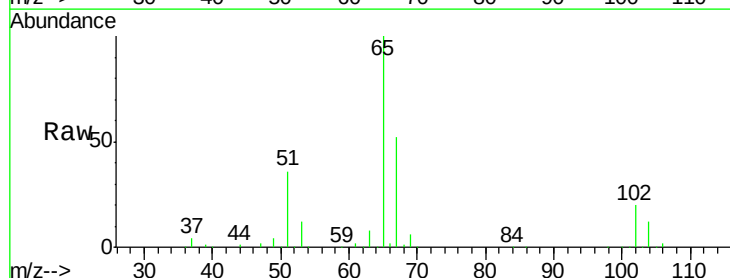
Acq: 19 Jul 2018 2:43

Tgt Ion: 65 Resp: 400140

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

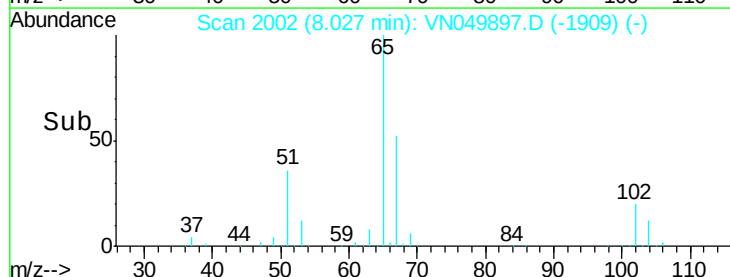
150000

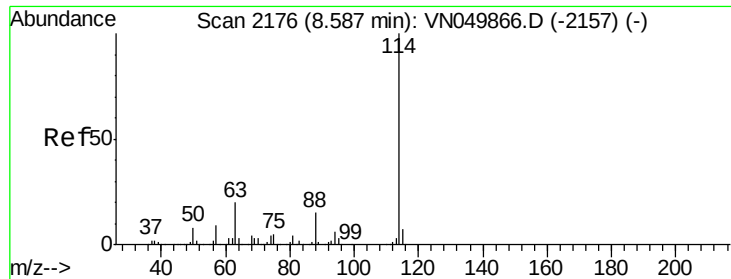
100000

50000

0

Time--> 7.90 8.00 8.10

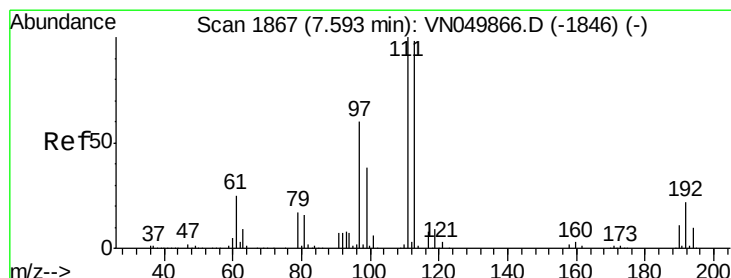
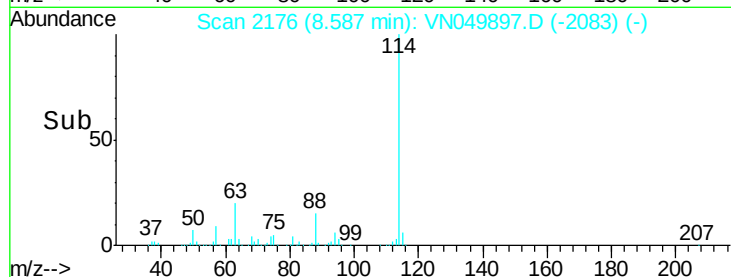
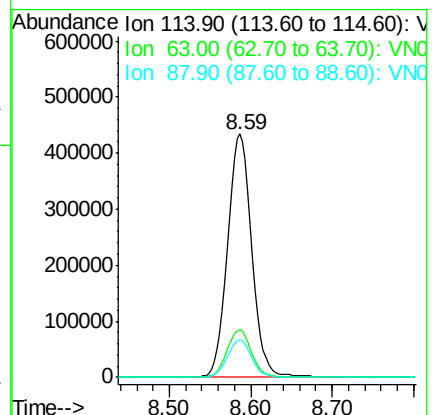
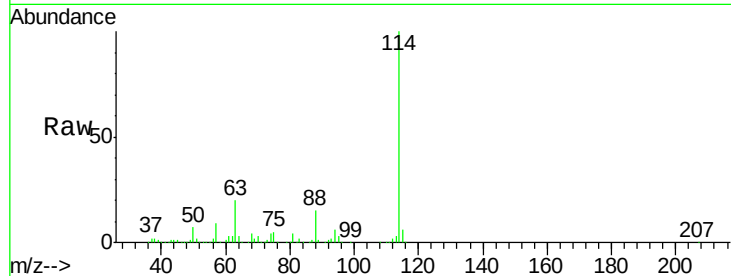




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049897.D
 Acq: 19 Jul 2018 2:43

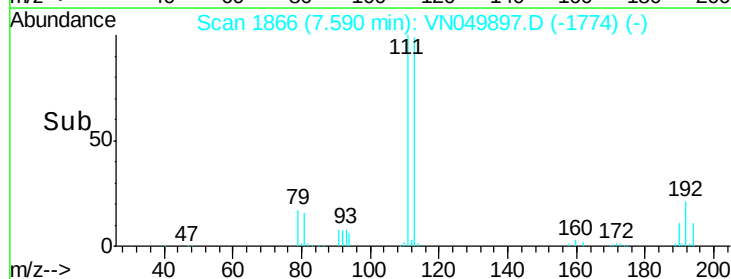
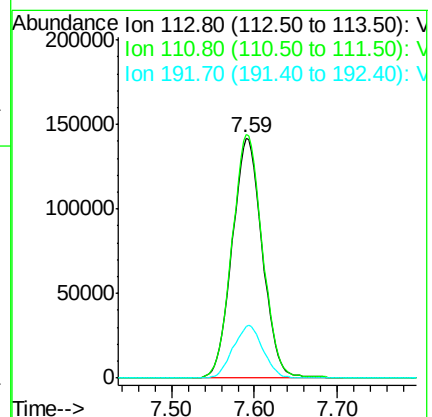
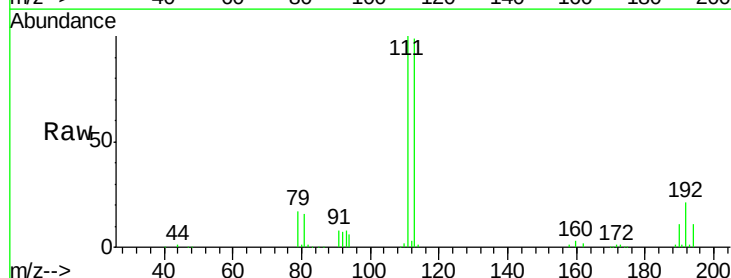
Instrument :
 MSVOA_N
 ClientSampled :
 MW3

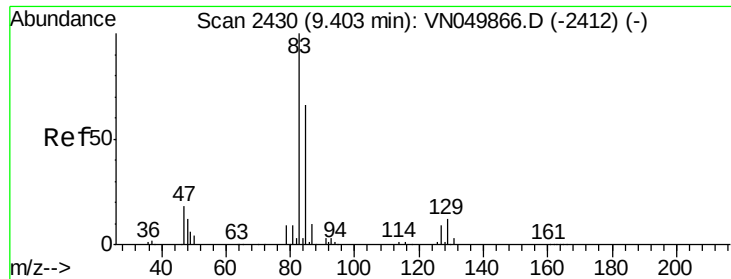
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.4	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 46.72 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049897.D
 Acq: 19 Jul 2018 2:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	21.8	17.8	26.6

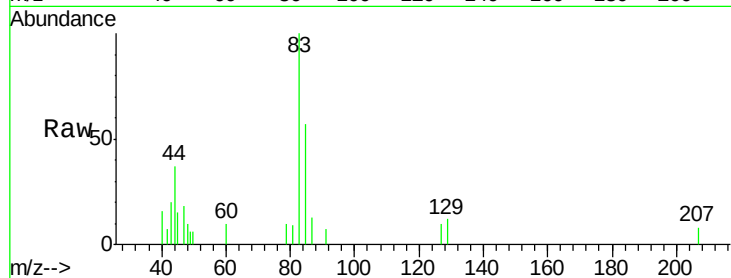




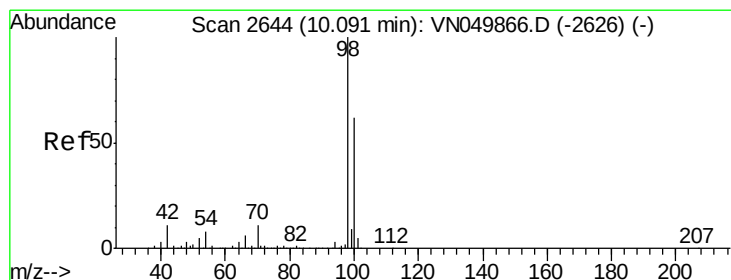
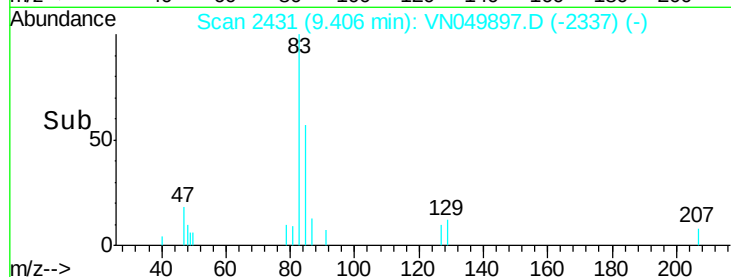
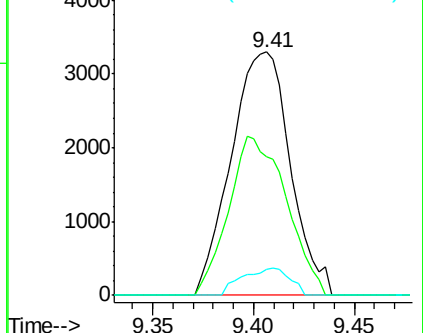
#47
Bromodichloromethane
Concen: 0.63 ug/l
RT: 9.41 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VN049897.D
Acq: 19 Jul 2018 2:43

Instrument :
MSVOA_N
ClientSampleId :
MW3

Tot Ion: 83 Resp: 6756
Ion Ratio Lower Upper
83 100
85 56.8 50.5 75.7
127 10.5 6.8 10.2#

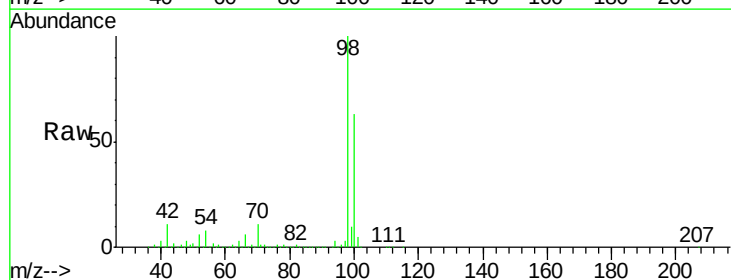


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

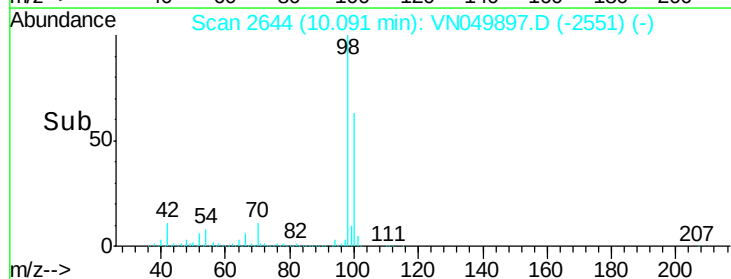
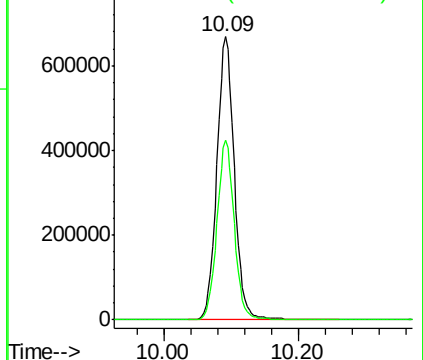


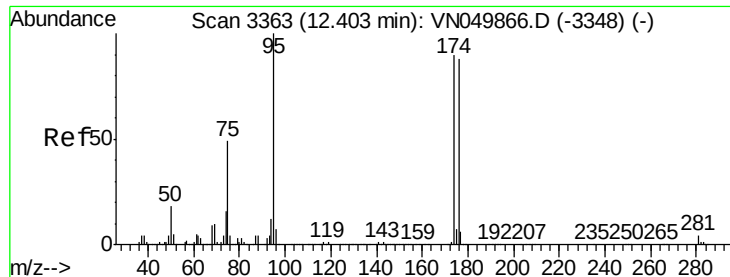
#50
Toluene-d8
Concen: 43.42 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049897.D
Acq: 19 Jul 2018 2:43

Tgt Ion: 98 Resp: 1212239
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 33.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049897.D

Acq: 19 Jul 2018 2:43

Instrument :

MSVOA_N

ClientSampled :

MW3

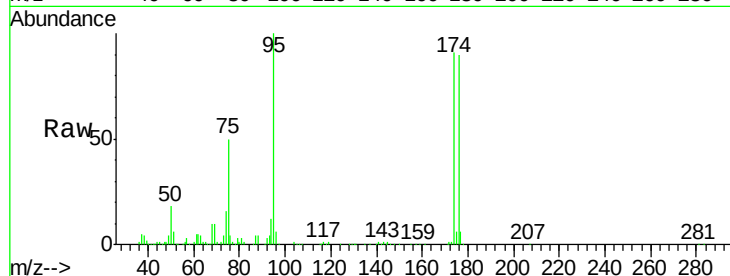
Tot Ion: 95 Resp: 325723

Ion Ratio Lower Upper

95 100

174 92.2 0.0 179.6

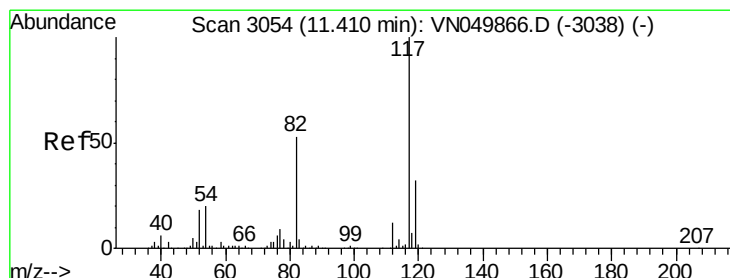
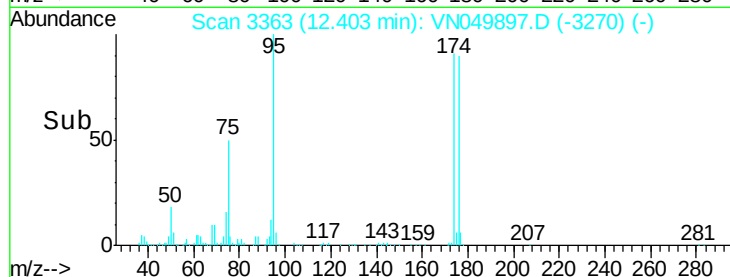
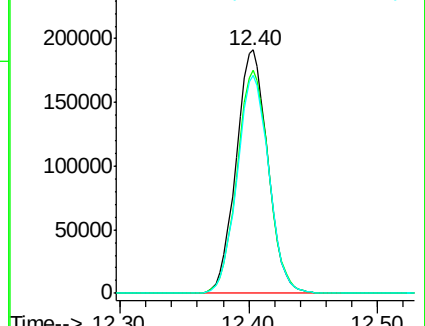
176 89.7 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049897.D

Acq: 19 Jul 2018 2:43

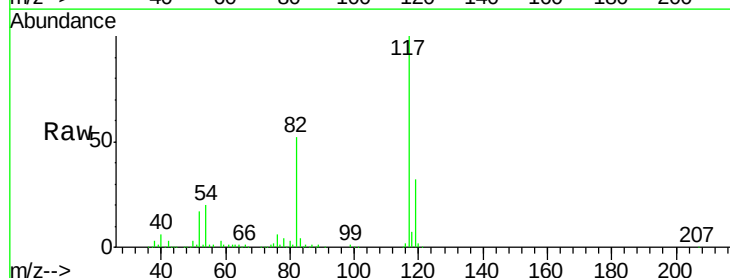
Tgt Ion: 117 Resp: 747186

Ion Ratio Lower Upper

117 100

82 51.8 41.9 62.9

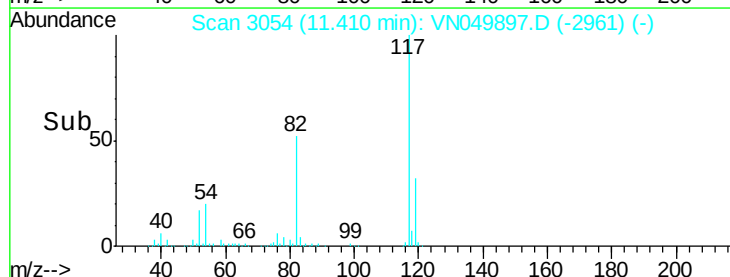
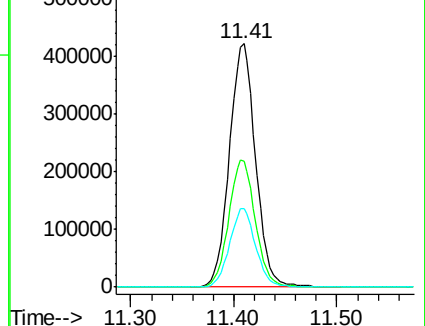
119 32.3 25.4 38.2

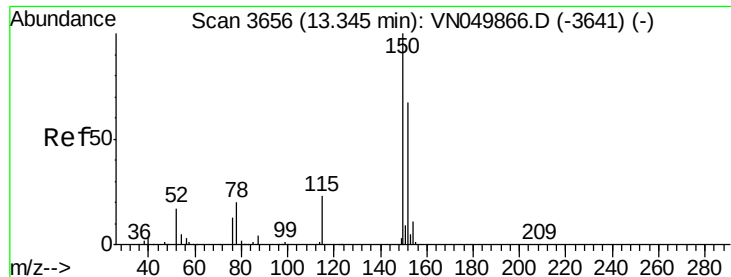


Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049897.D

Acq: 19 Jul 2018 2:43

Instrument :

MSVOA_N

ClientSampleId :

MW3

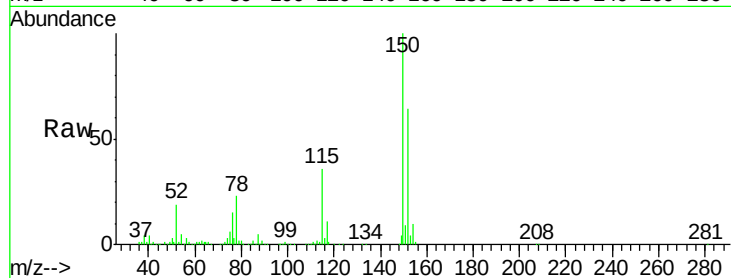
Tot Ion:152 Resp: 280805

Ion Ratio Lower Upper

152 100

115 54.7 28.1 84.2

150 154.8 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

