

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054804.D
 Acq On : 30 Mar 2019 15:59
 Operator : JC/SP
 Sample : K2181-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Mar 30 23:22:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

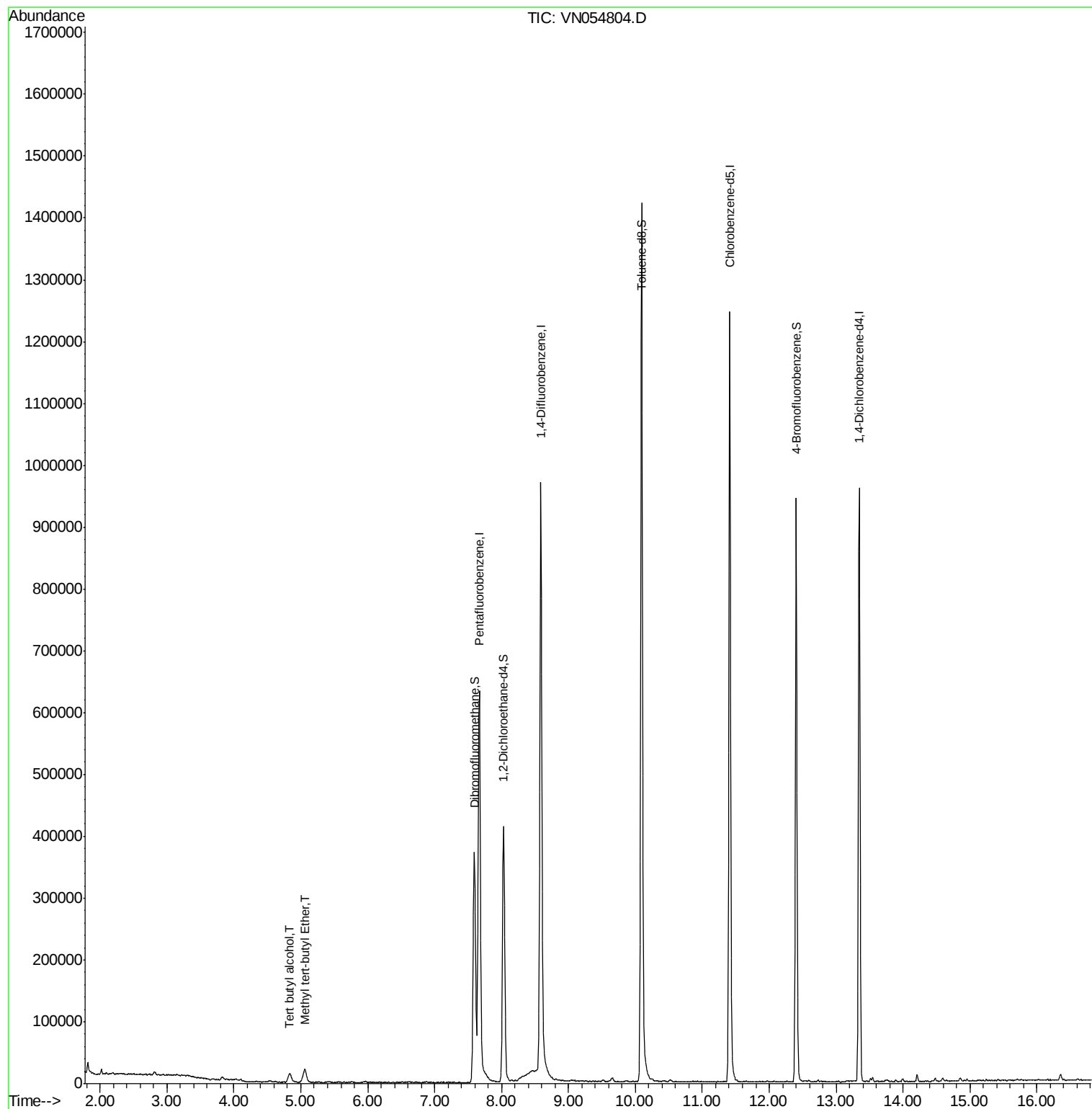
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	538587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	873883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	729345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357132	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	7.59	113	283645	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	10.09	98	1039167	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.40	95	314184	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
11) Tert butyl alcohol	4.82	59	23753	62.793	ug/l #	81
19) Methyl tert-butyl Ether	5.07	73	31747	2.144	ug/l	98

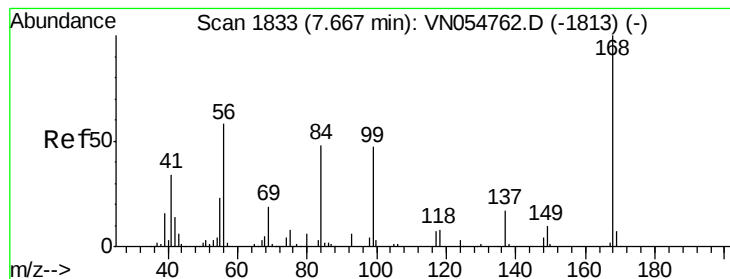
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054804.D

Acq: 30 Mar 2019 15:59

Instrument :

MSVOA_N

ClientSampled :

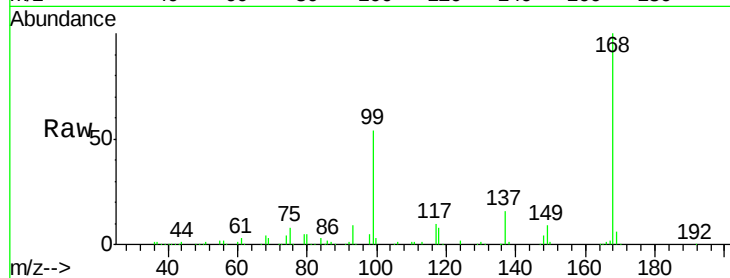
MW-3

Tot Ion:168 Resp: 538587

Ion Ratio Lower Upper

168 100

99 53.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

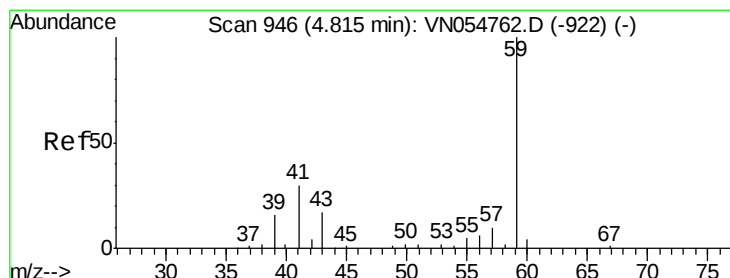
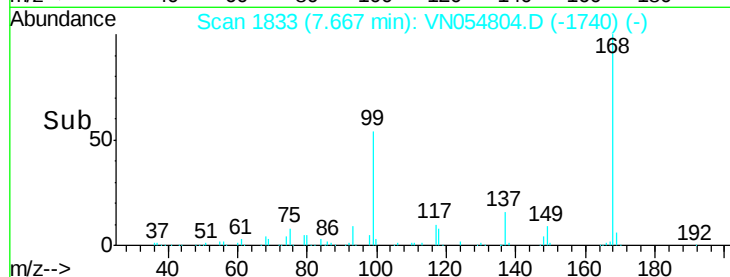
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 62.793 ug/l

RT: 4.82 min Scan# 949

Delta R.T. 0.01 min

Lab File: VN054804.D

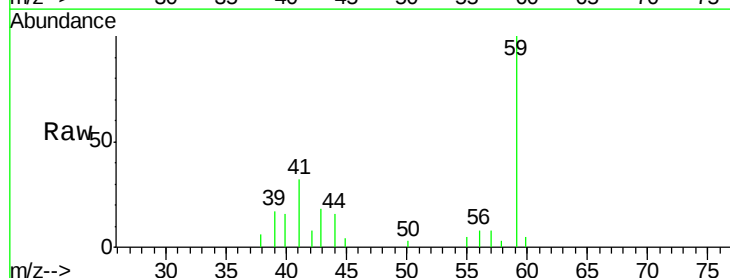
Acq: 30 Mar 2019 15:59

Tgt Ion: 59 Resp: 23753

Ion Ratio Lower Upper

59 100

57 4.2 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.82

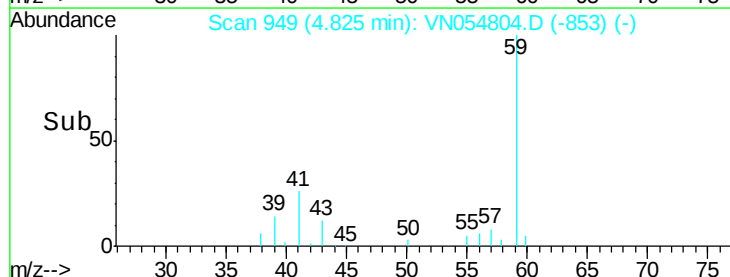
6000

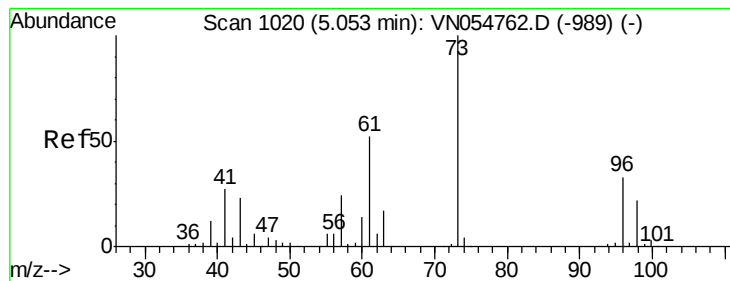
4000

2000

0

Time-->



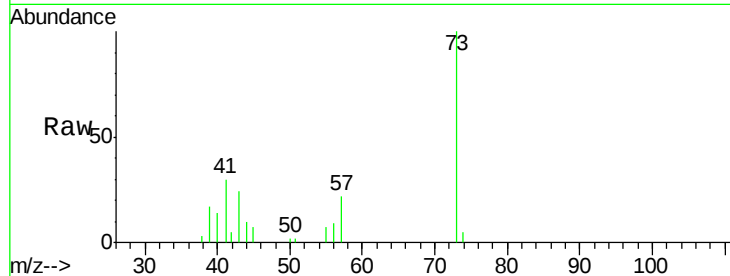


#19

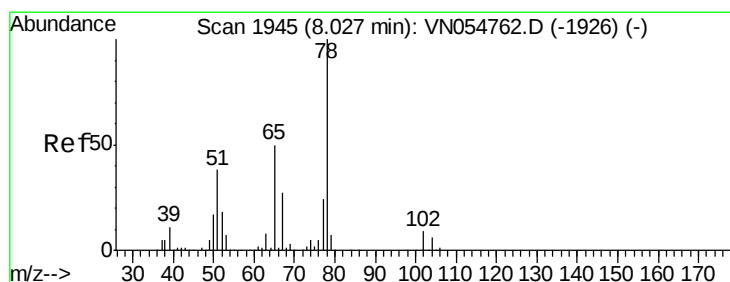
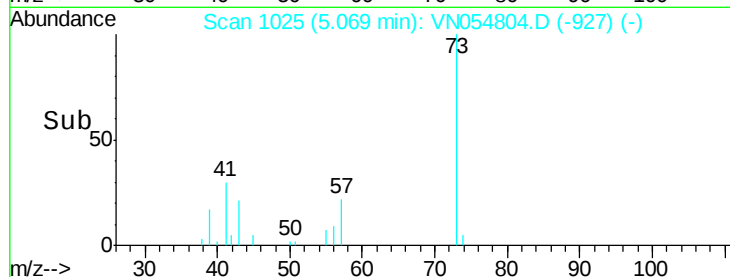
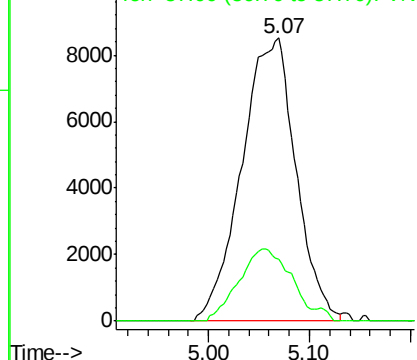
Methvl tert-butvl Ether
 Concen: 2.144 ug/l
 RT: 5.07 min Scan# 1025
 Delta R.T. 0.02 min
 Lab File: VN054804.D
 Acq: 30 Mar 2019 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion: 73 Resp: 31747
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.8 25.2



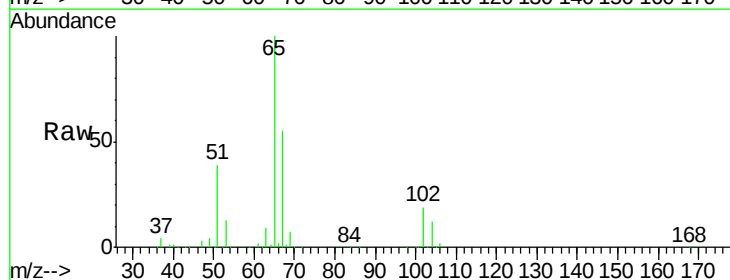
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



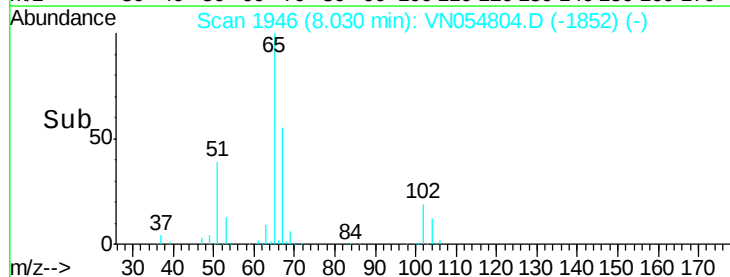
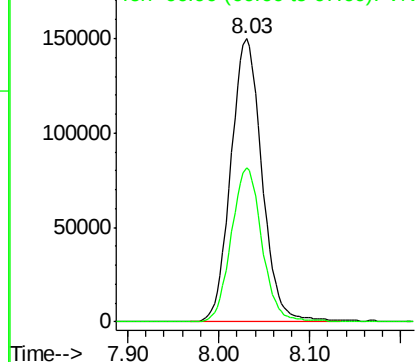
#33

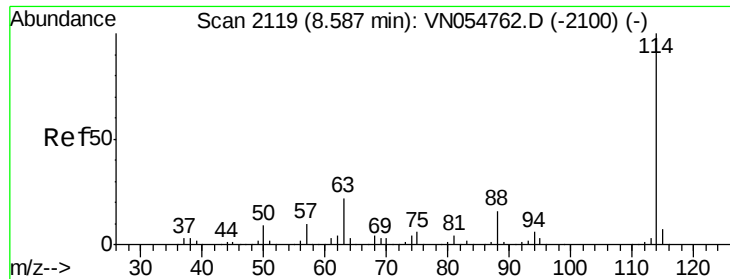
1,2-Dichloroethane-d4
 Concen: 49.190 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054804.D
 Acq: 30 Mar 2019 15:59

Tgt Ion: 65 Resp: 357132
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

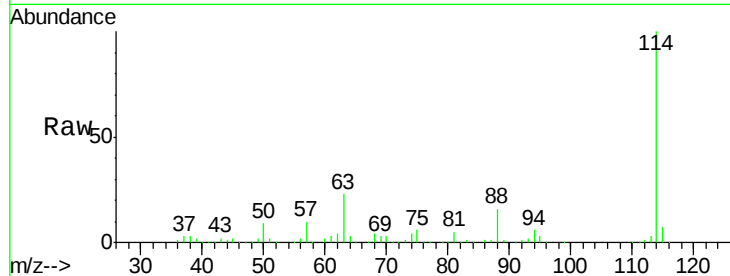




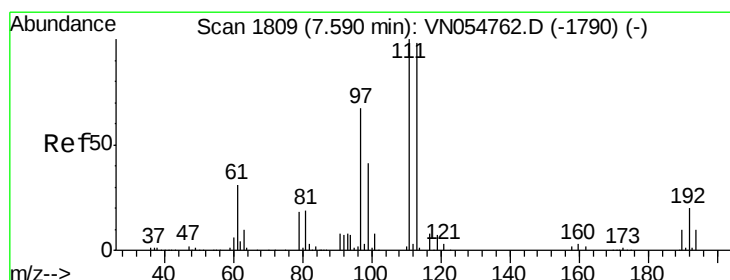
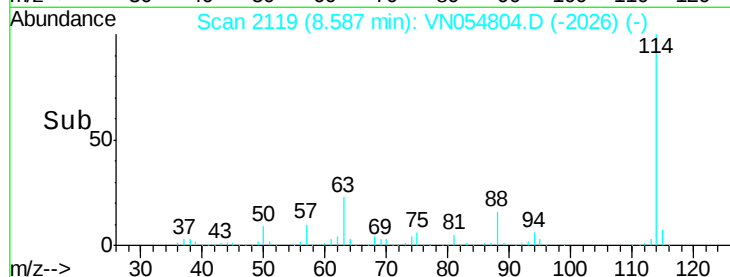
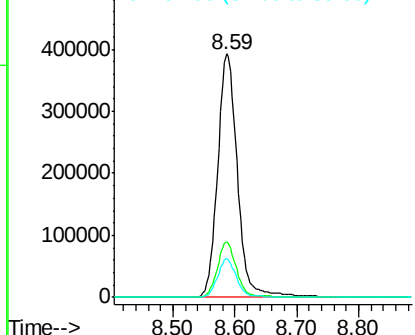
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054804.D
 Acq: 30 Mar 2019 15:59

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

Tot Ion:114 Resp: 873883
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 35.2
 88 16.0 0.0 30.2

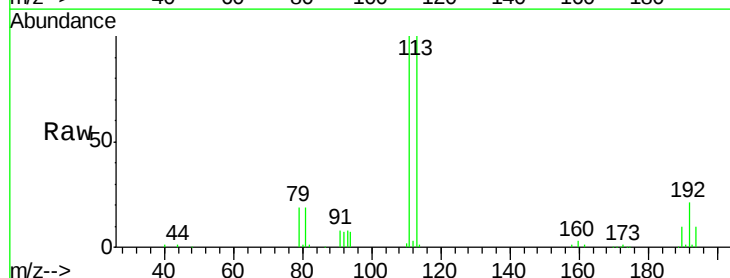


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

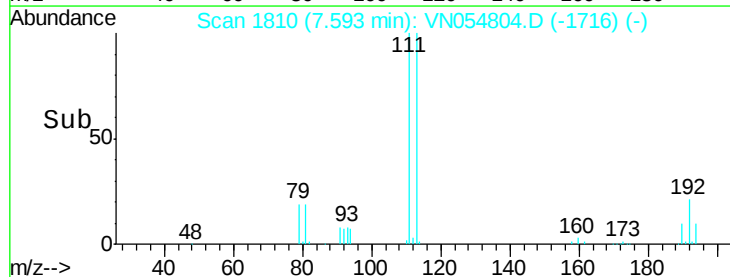
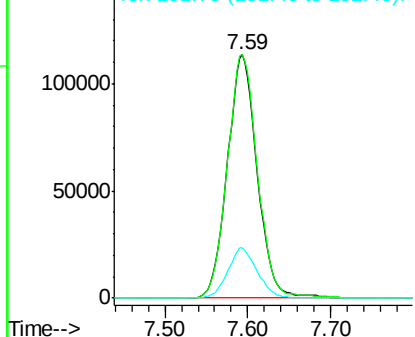


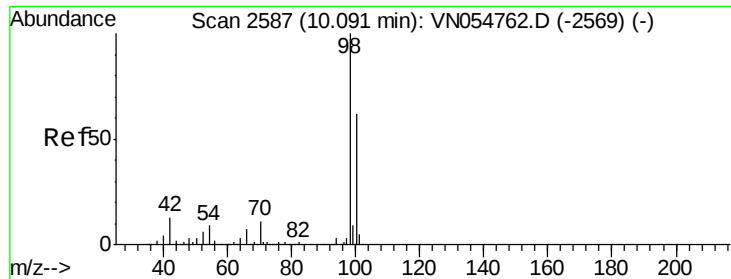
#35
 Dibromofluoromethane
 Concen: 48.685 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054804.D
 Acq: 30 Mar 2019 15:59

Tgt Ion:113 Resp: 283645
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 20.4 19.2 28.8



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

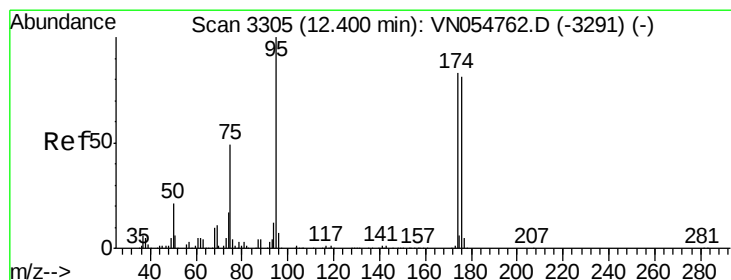
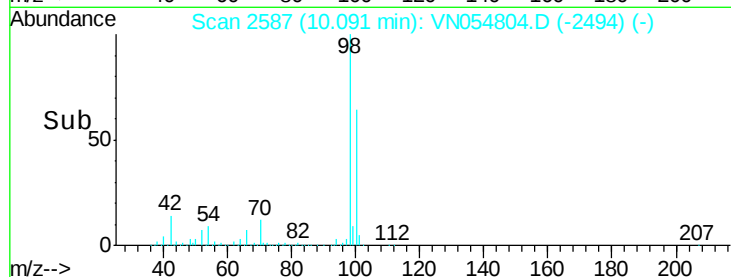
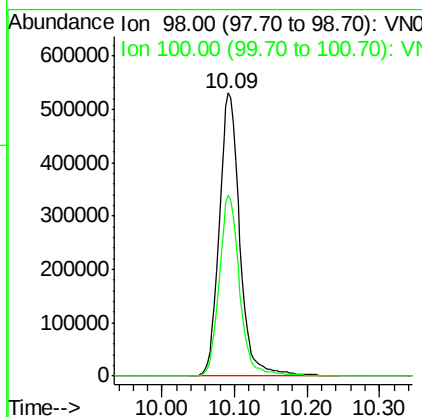
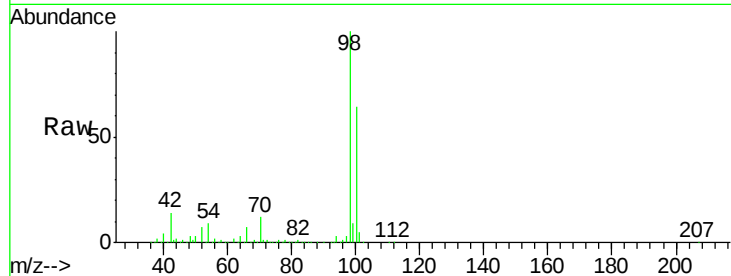




#50
Toluene-d8
Concen: 47.976 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054804.D
Acq: 30 Mar 2019 15:59

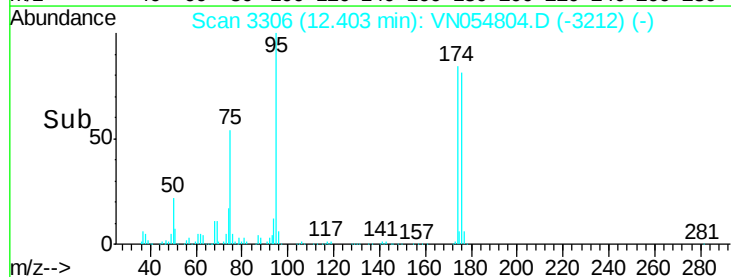
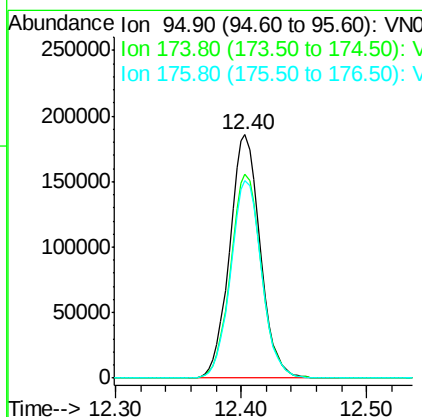
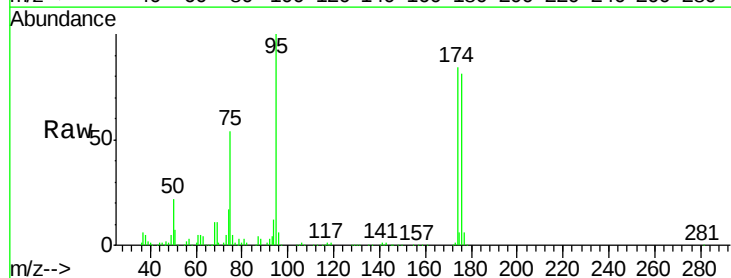
Instrument :
MSVOA_N
ClientSampleId :
MW-3

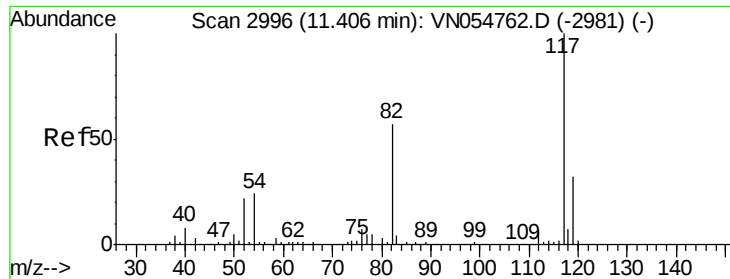
Tot Ion: 98 Resp: 1039167
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.615 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054804.D
Acq: 30 Mar 2019 15:59

Tgt Ion: 95 Resp: 314184
Ion Ratio Lower Upper
95 100
174 84.4 0.0 191.0
176 82.2 0.0 187.4

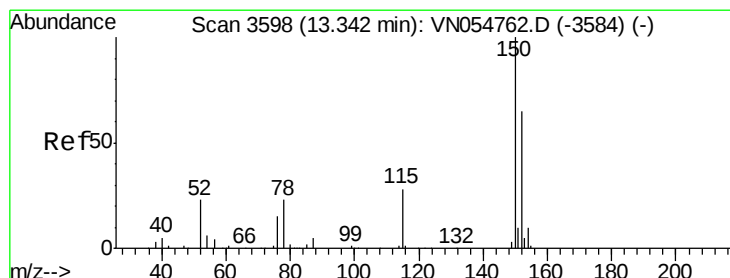
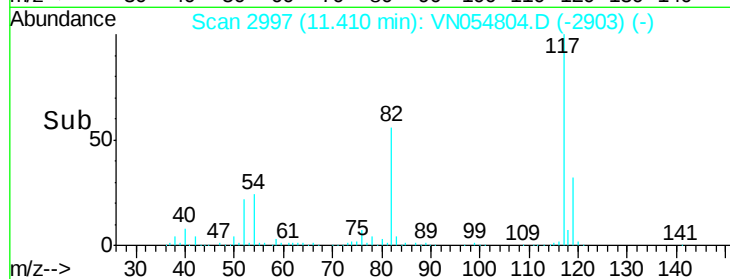
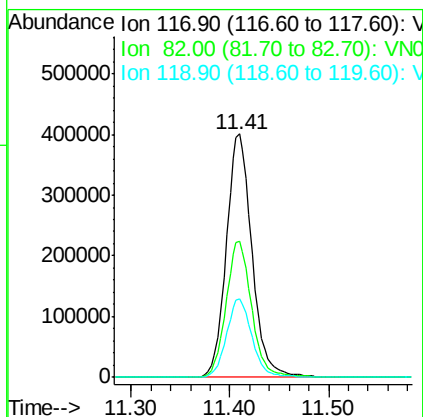
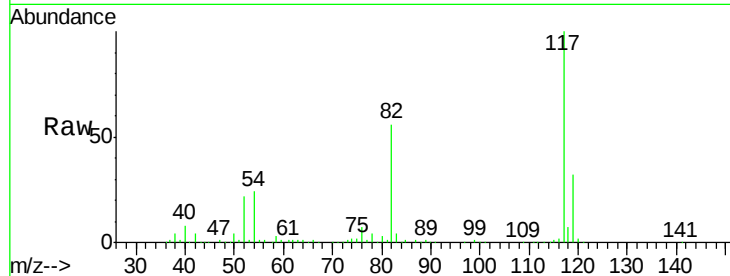




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054804.D
Acq: 30 Mar 2019 15:59

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion:117 Resp: 729345
Ion Ratio Lower Upper
117 100
82 55.8 40.0 60.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054804.D
Acq: 30 Mar 2019 15:59

Tgt Ion:152 Resp: 259073
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 158.6 0.0 349.2

