

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054802.D
 Acq On : 30 Mar 2019 15:06
 Operator : JC/SP
 Sample : K2181-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Mar 30 23:17:02 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

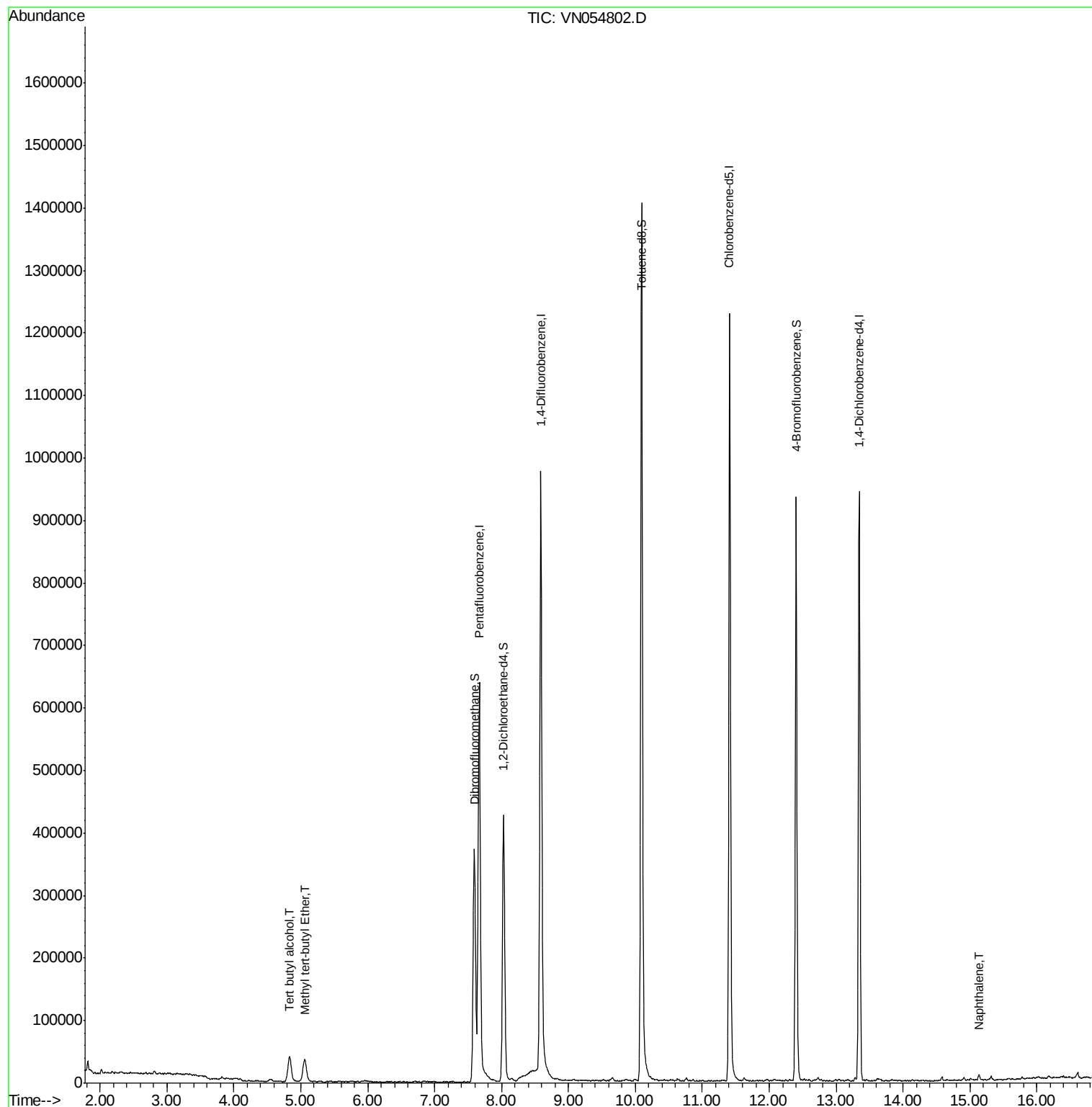
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	537248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	880553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	730446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	255988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	359213	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
35) Dibromofluoromethane	7.59	113	279635	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	10.09	98	1037095	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.40	95	314174	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
Target Compounds						
11) Tert butyl alcohol	4.83	59	66665	176.674	ug/l	96
19) Methyl tert-butyl Ether	5.06	73	57042	3.861	ug/l	96
95) Naphthalene	15.13	128	7565	0.820	ug/l	99

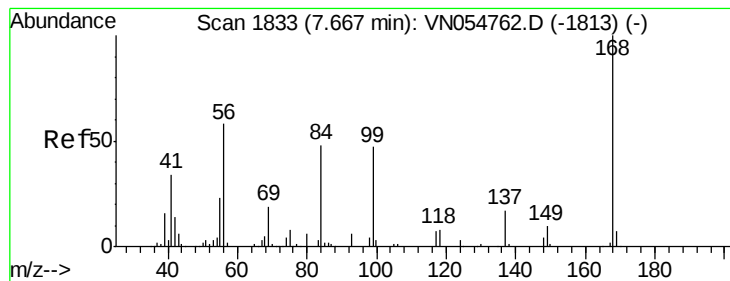
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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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: VN054802.D

Acq: 30 Mar 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

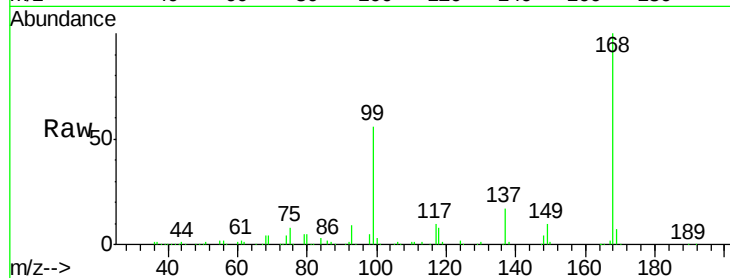
MW-1

Tot Ion:168 Resp: 537248

Ion Ratio Lower Upper

168 100

99 56.1 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

200000

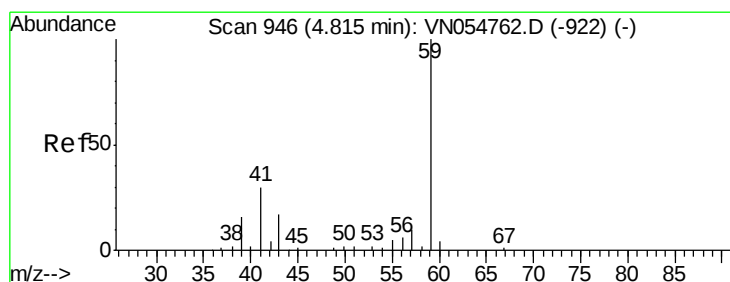
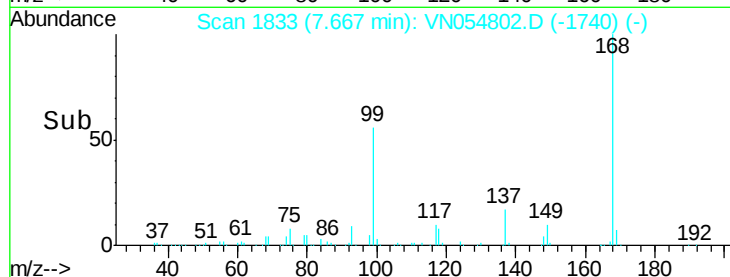
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 176.674 ug/l

RT: 4.83 min Scan# 952

Delta R.T. 0.02 min

Lab File: VN054802.D

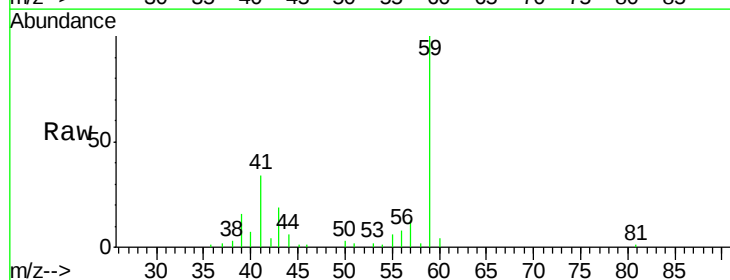
Acq: 30 Mar 2019 15:06

Tgt Ion: 59 Resp: 66665

Ion Ratio Lower Upper

59 100

57 9.6 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.83

20000

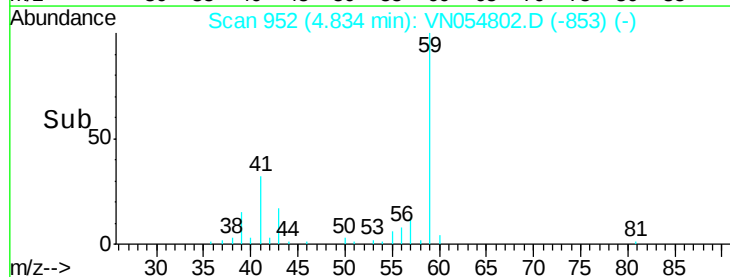
15000

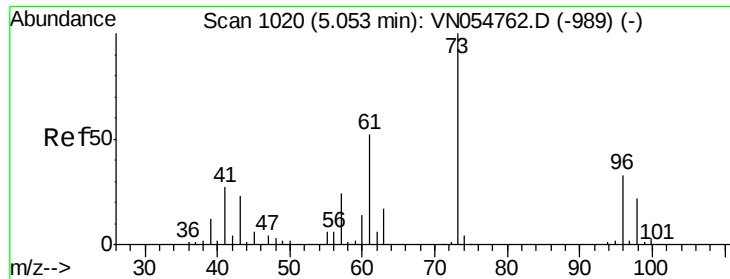
10000

5000

0

Time-->

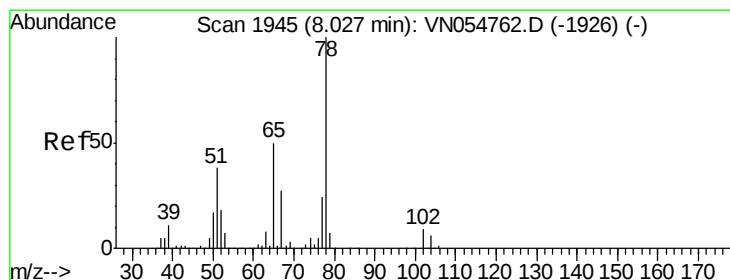
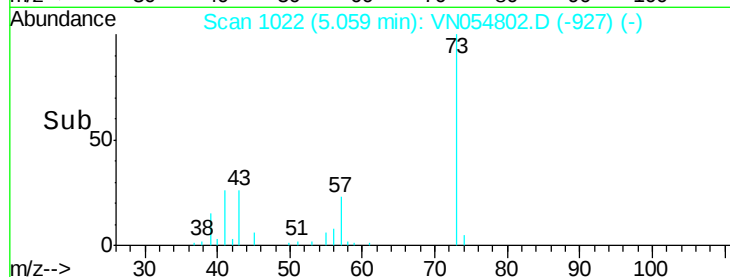
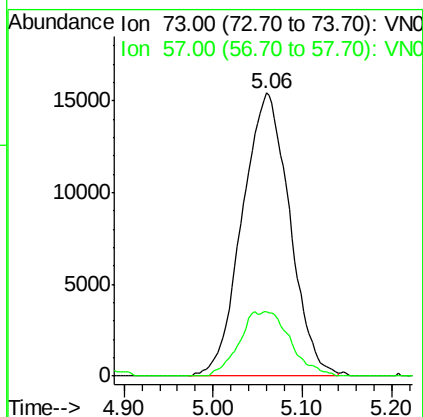
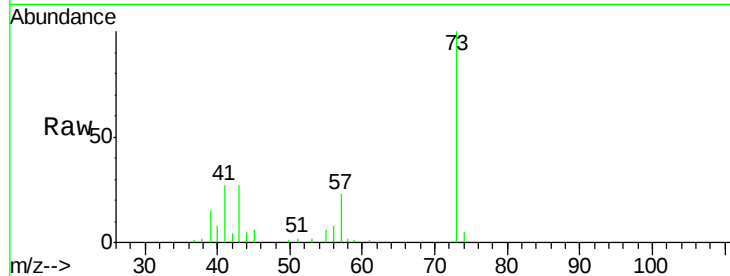




#19
Methvl tert-butvl Ether
Concen: 3.861 ug/l
RT: 5.06 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VN054802.D
Acq: 30 Mar 2019 15:06

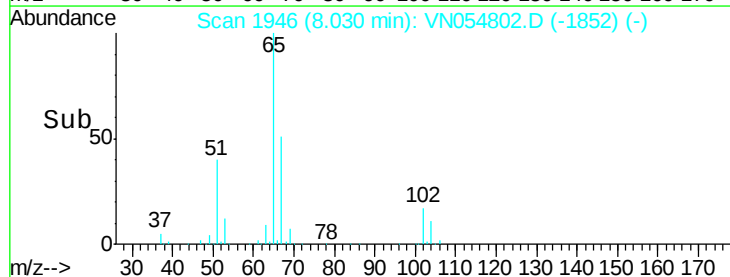
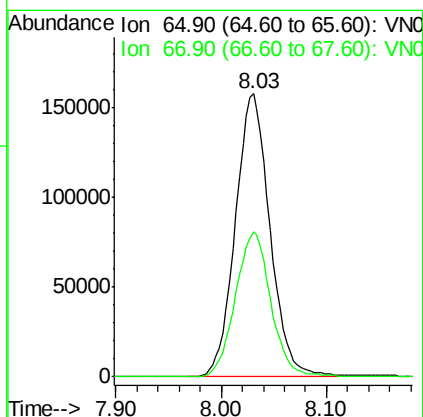
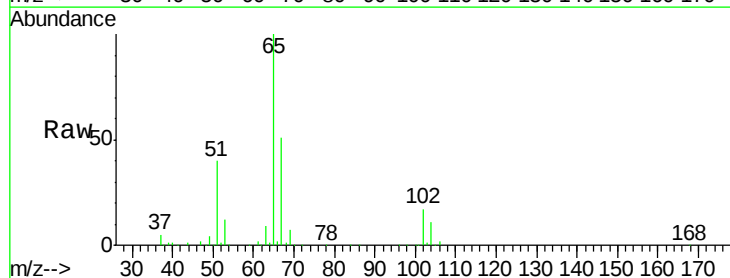
Instrument :
MSVOA_N
ClientSampled :
MW-1

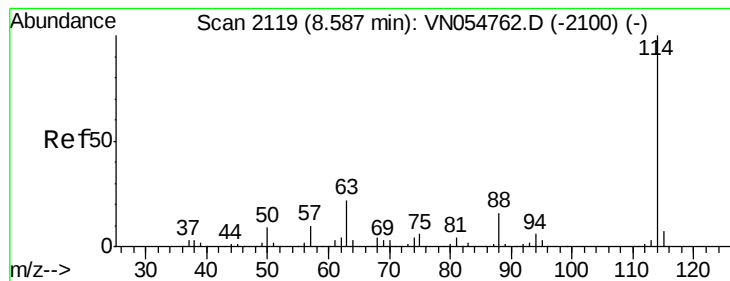
Tot Ion: 73 Resp: 57042
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 49.600 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054802.D
Acq: 30 Mar 2019 15:06

Tgt Ion: 65 Resp: 359213
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054802.D

Acq: 30 Mar 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

MW-1

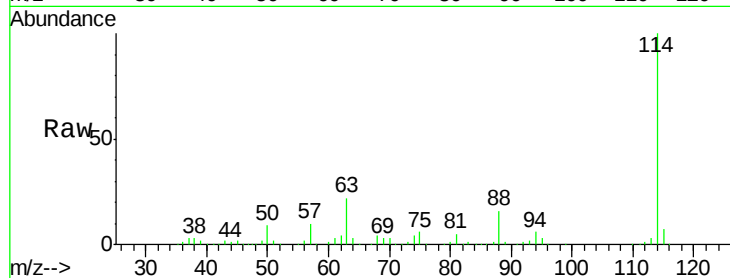
Tot Ion:114 Resp: 880553

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.2

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.59

400000

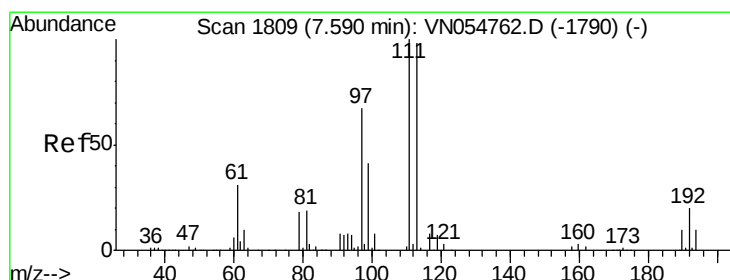
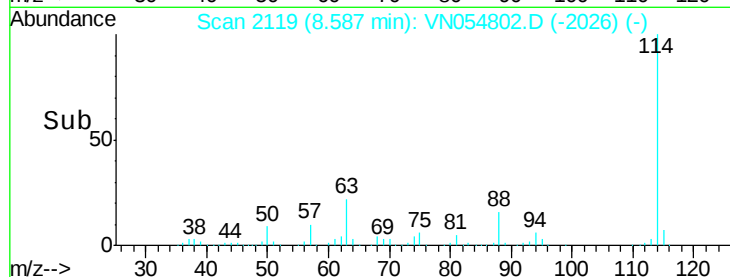
300000

200000

100000

0

Time--> 8.40 8.50 8.60 8.70 8.80



#35

Dibromofluoromethane

Concen: 47.633 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054802.D

Acq: 30 Mar 2019 15:06

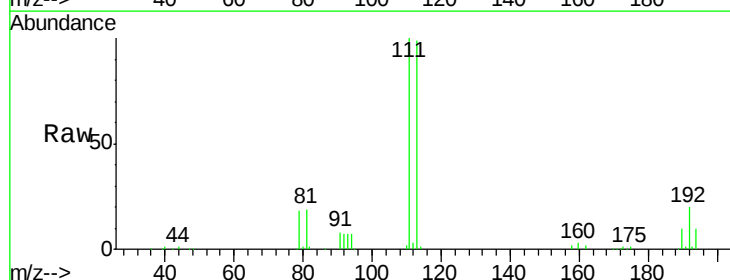
Tgt Ion:113 Resp: 279635

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 20.0 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

7.59

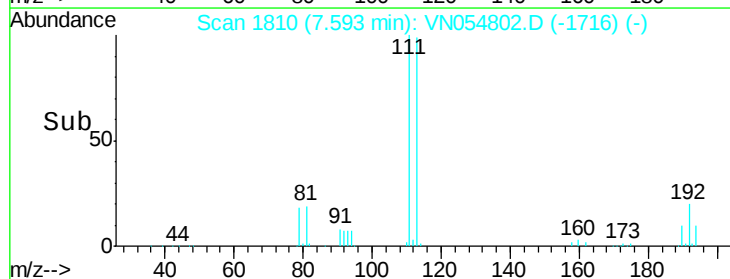
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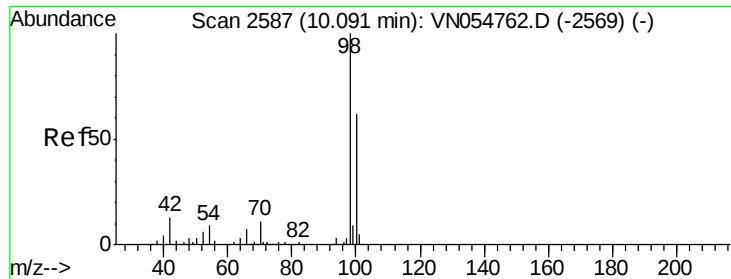
100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70





#50

Toluene-d8

Concen: 47.518 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054802.D

Acq: 30 Mar 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

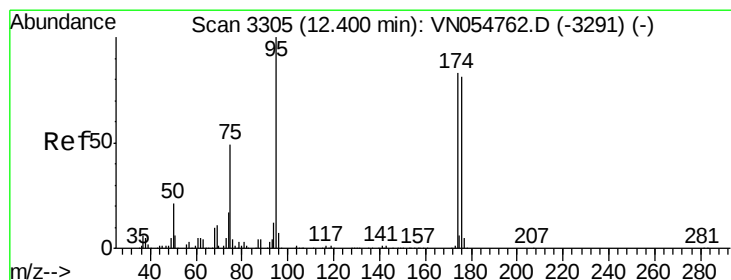
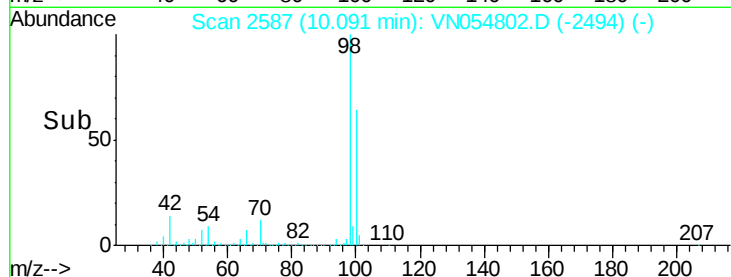
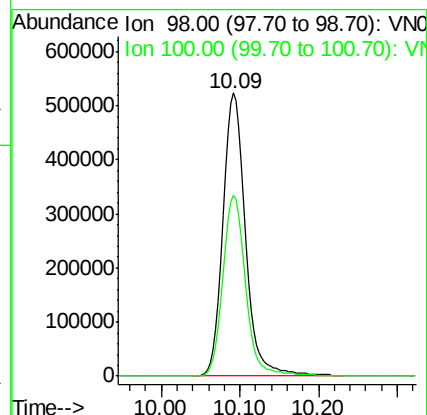
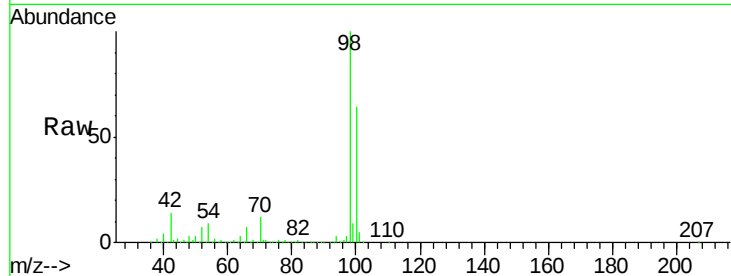
MW-1

Tot Ion: 98 Resp: 1037095

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.283 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054802.D

Acq: 30 Mar 2019 15:06

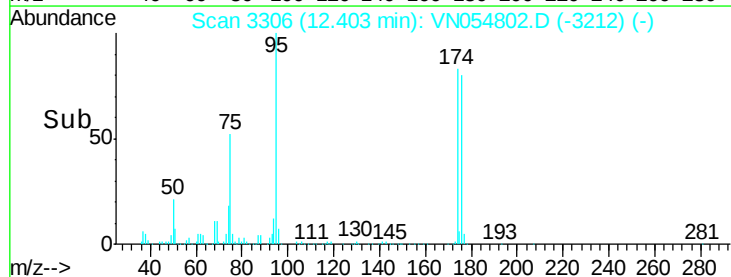
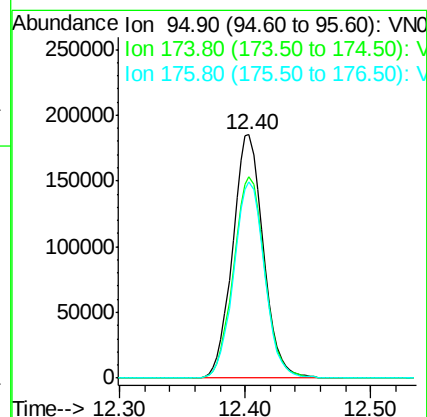
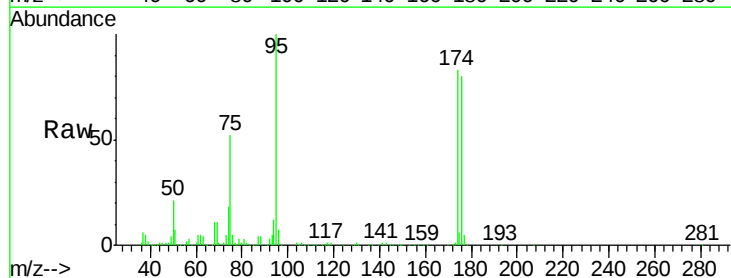
Tgt Ion: 95 Resp: 314174

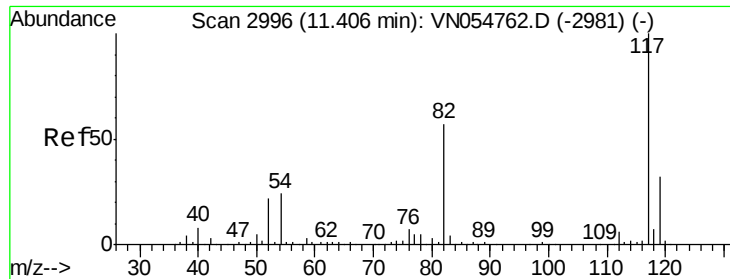
Ion Ratio Lower Upper

95 100

174 84.2 0.0 191.0

176 81.1 0.0 187.4

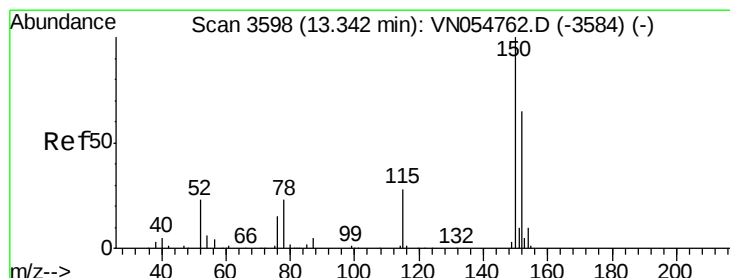
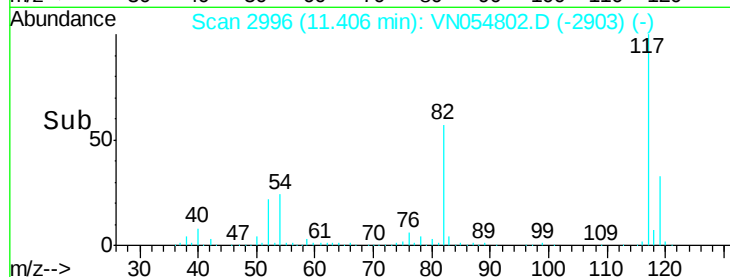
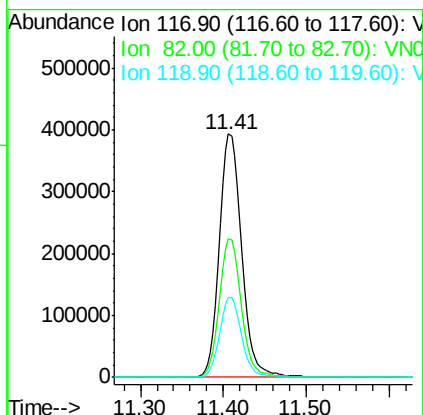
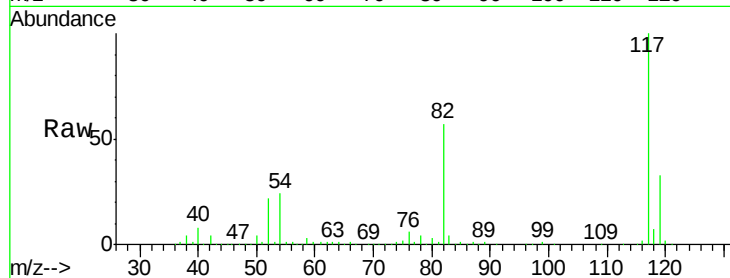




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054802.D
Acq: 30 Mar 2019 15:06

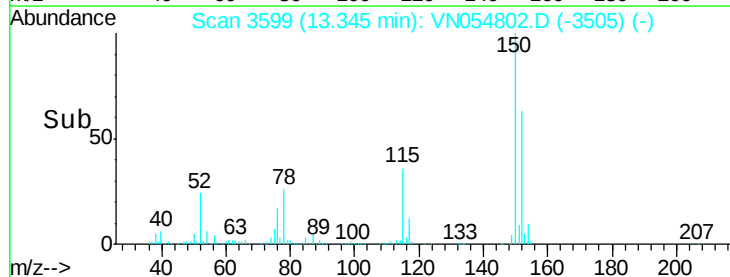
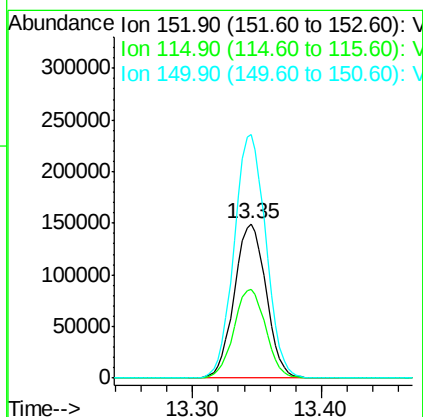
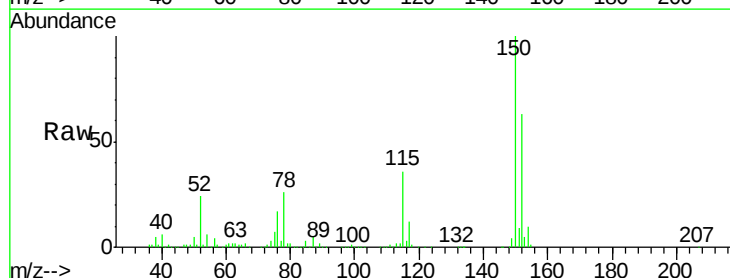
Instrument :
MSVOA_N
ClientSampled :
MW-1

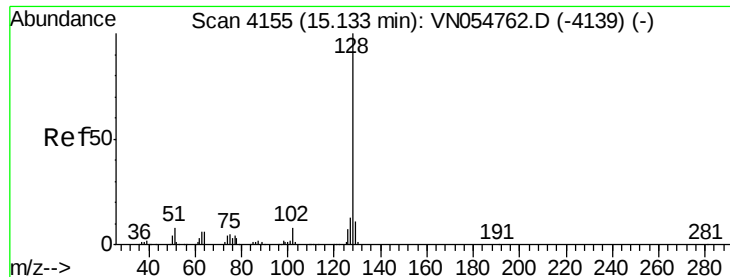
Tot Ion:117 Resp: 730446
Ion Ratio Lower Upper
117 100
82 56.7 40.0 60.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054802.D
Acq: 30 Mar 2019 15:06

Tgt Ion:152 Resp: 255988
Ion Ratio Lower Upper
152 100
115 57.6 27.2 81.6
150 157.7 0.0 349.2





#95

Naphthalene

Concen: 0.820 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054802.D

Acq: 30 Mar 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

MW-1

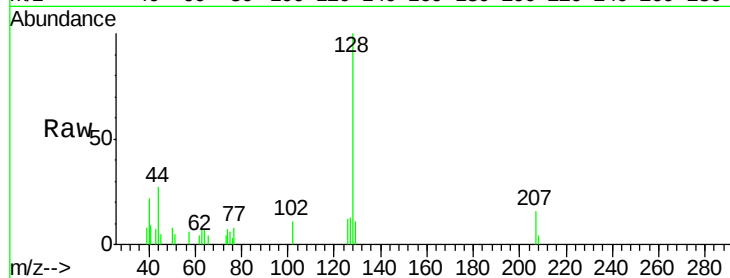
Tot Ion:128 Resp: 7565

Ion Ratio Lower Upper

128 100

127 12.2 10.1 15.1

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

