

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054837.D
 Acq On : 31 Mar 2019 7:30
 Operator : JC/SP
 Sample : K2164-07DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

Quant Time: Apr 01 02:21:56 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

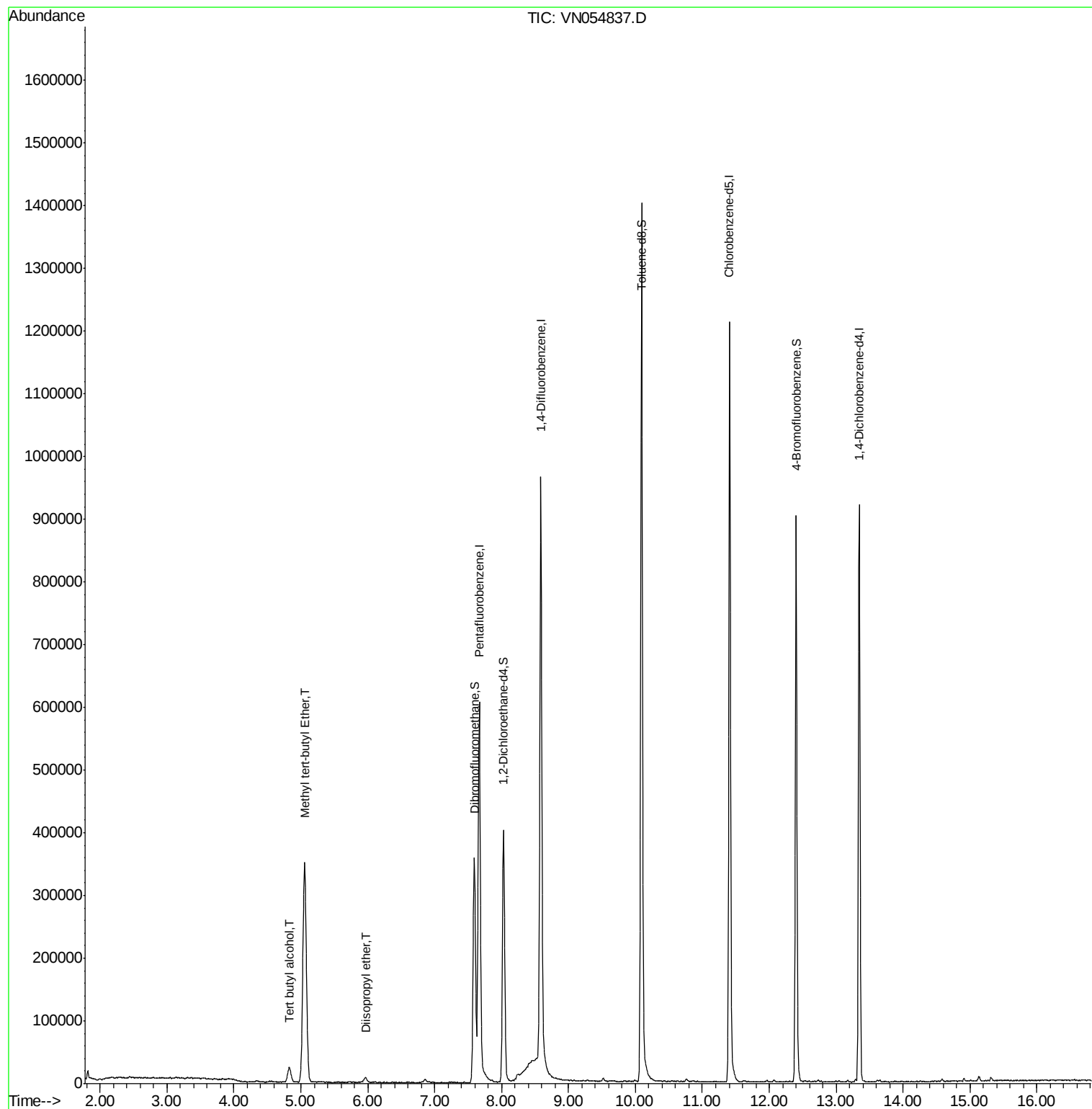
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	529651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	843796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	711731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	249786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	346423	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	7.59	113	273235	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	1020974	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	307786	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
11) Tert butyl alcohol	4.83	59	38333	103.046	ug/l #	70
19) Methyl tert-butyl Ether	5.06	73	565598	38.837	ug/l	94
22) Diisopropyl ether	5.97	45	12103	0.597	ug/l #	89

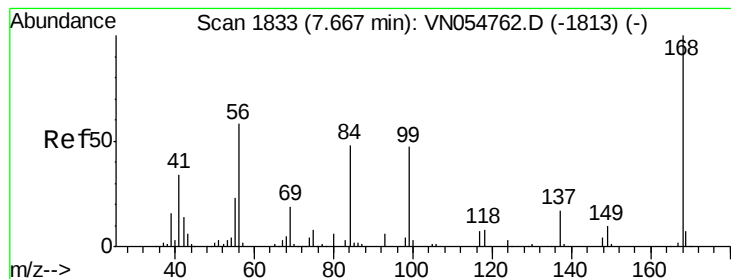
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054837.D

Acq: 31 Mar 2019 7:30

Instrument :

MSVOA_N

ClientSampleId :

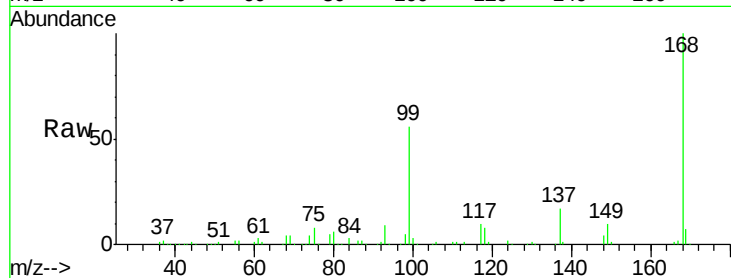
MW-7DL

Tot Ion:168 Resp: 529651

Ion Ratio Lower Upper

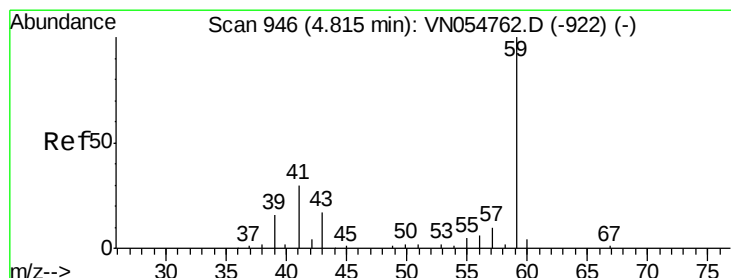
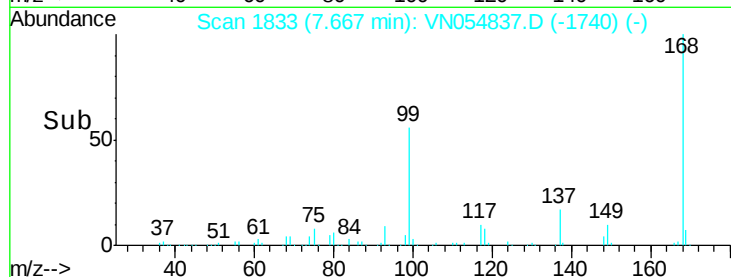
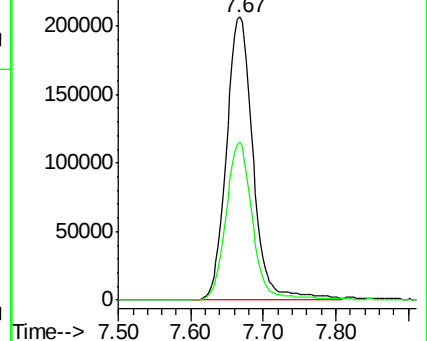
168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 103.046 ug/l

RT: 4.83 min Scan# 950

Delta R.T. 0.01 min

Lab File: VN054837.D

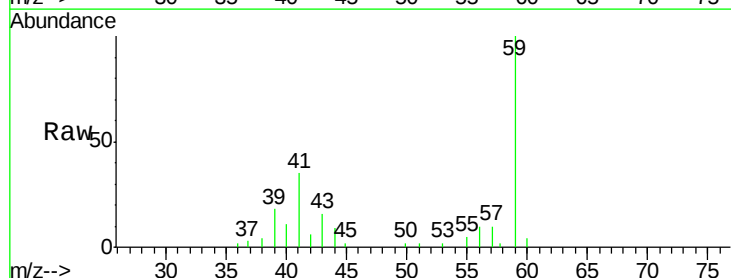
Acq: 31 Mar 2019 7:30

Tgt Ion: 59 Resp: 38333

Ion Ratio Lower Upper

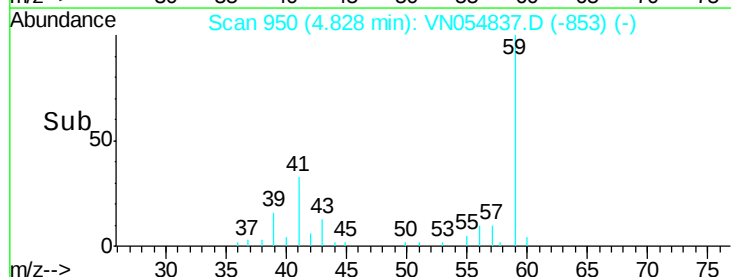
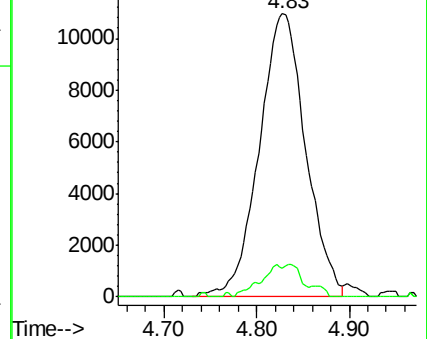
59 100

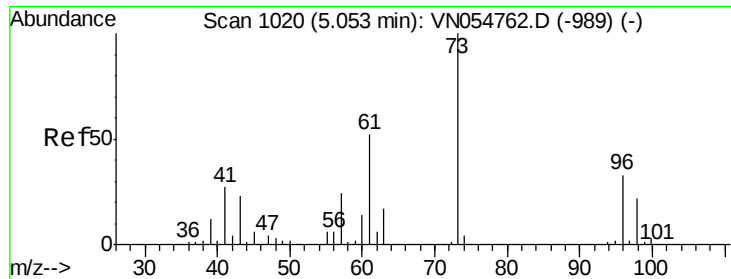
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

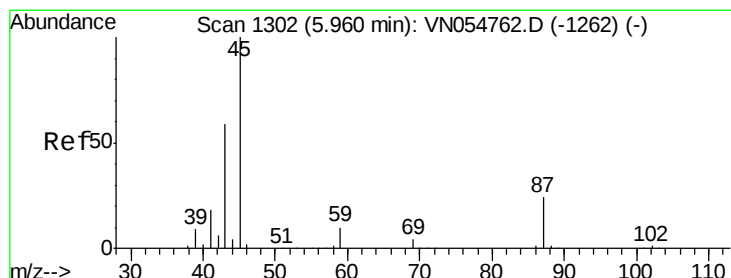
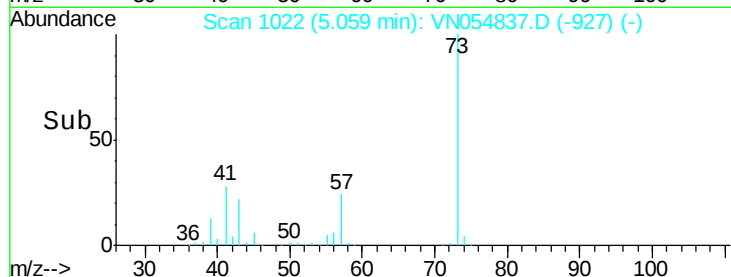
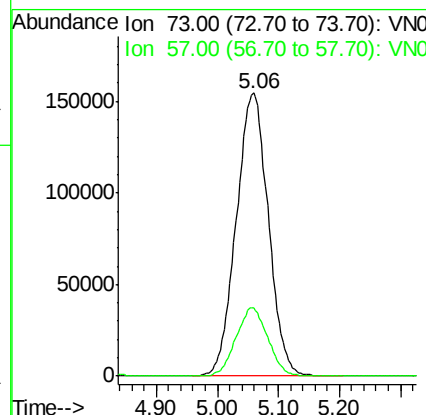
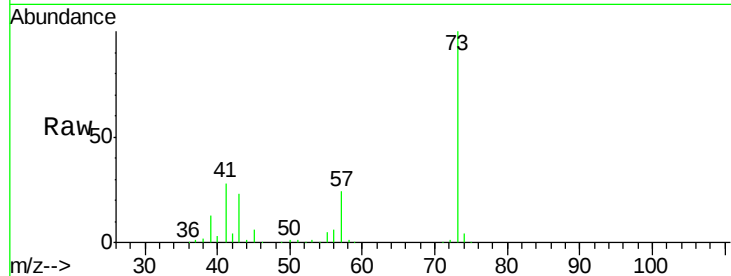




#19
Methvl tert-butvl Ether
Concen: 38.837 ug/l
RT: 5.06 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VN054837.D
Acq: 31 Mar 2019 7:30

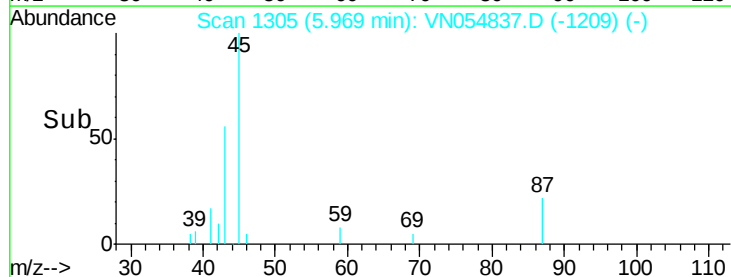
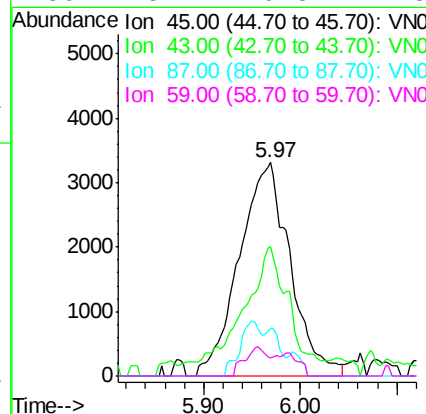
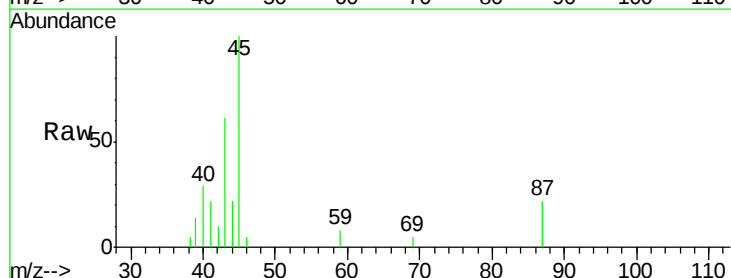
Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

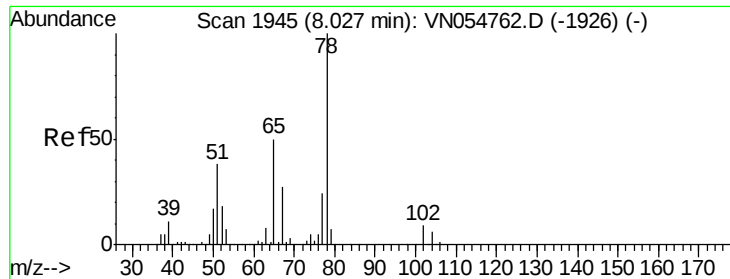
Tot Ion: 73 Resp: 565598
Ion Ratio Lower Upper
73 100
57 23.9 16.8 25.2



#22
Diisopropyl ether
Concen: 0.597 ug/l
RT: 5.97 min Scan# 1305
Delta R.T. 0.01 min
Lab File: VN054837.D
Acq: 31 Mar 2019 7:30

Tgt Ion: 45 Resp: 12103
Ion Ratio Lower Upper
45 100
43 54.0 48.2 72.2
87 22.3 24.9 37.3#
59 8.2 9.5 14.3#

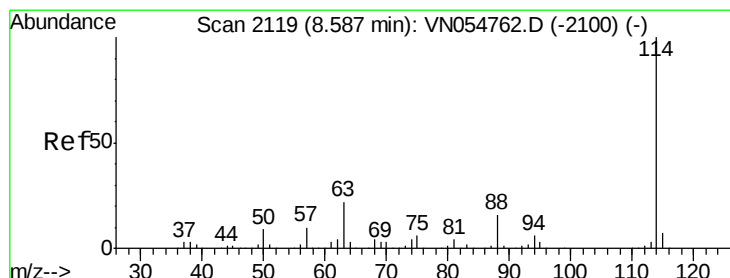
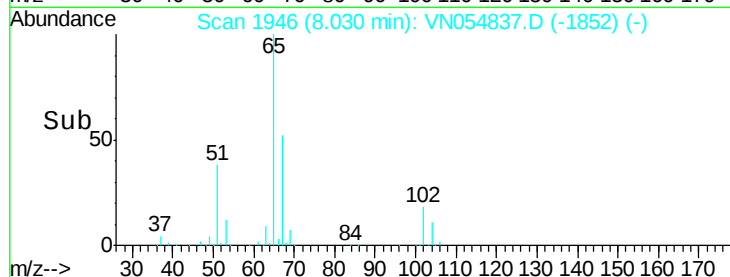
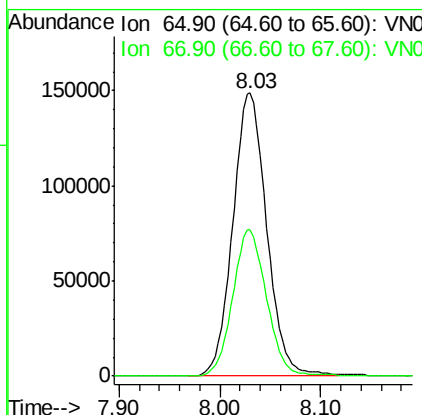
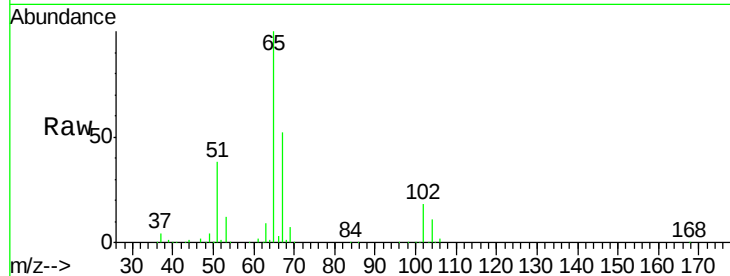




#33
 1,2-Dichloroethane-d4
 Concen: 48.520 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054837.D
 Acq: 31 Mar 2019 7:30

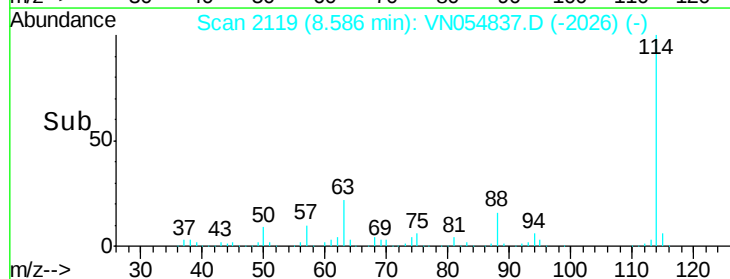
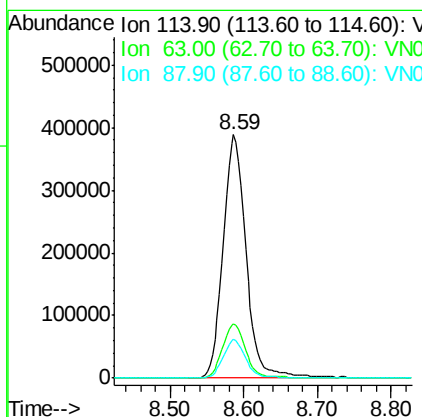
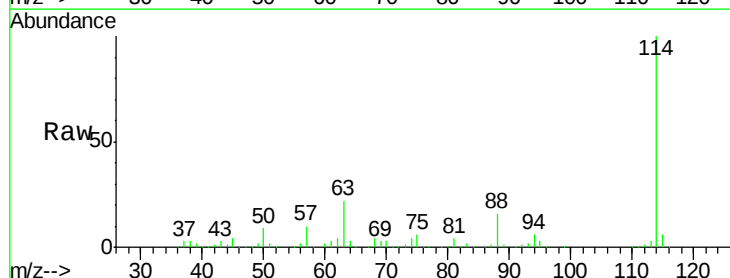
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

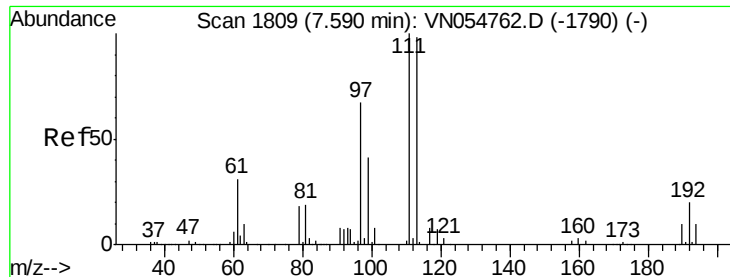
Tot Ion: 65 Resp: 346423
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054837.D
 Acq: 31 Mar 2019 7:30

Tgt Ion: 114 Resp: 843796
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.571 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054837.D

Acq: 31 Mar 2019 7:30

Instrument :

MSVOA_N

ClientSampled :

MW-7DL

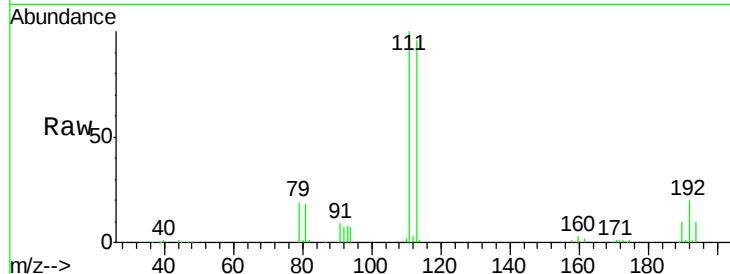
Tot Ion:113 Resp: 273235

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

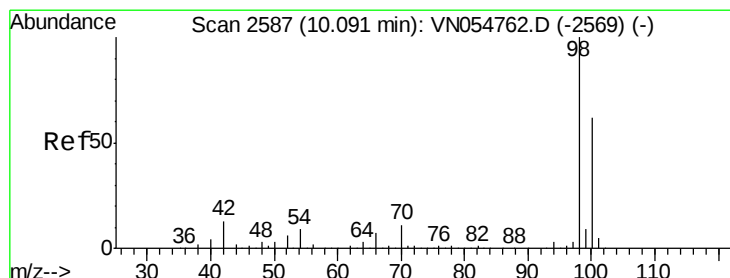
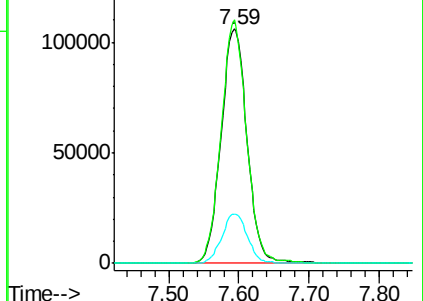
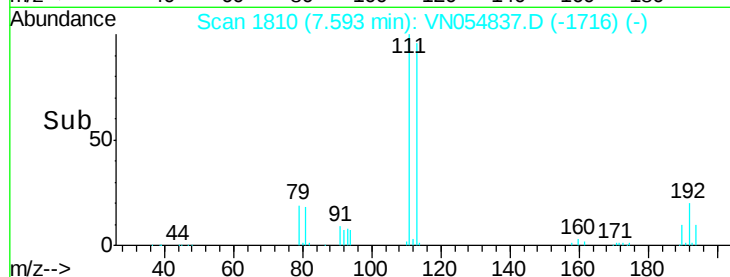
192 20.7 19.2 28.8



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: 48.817 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054837.D

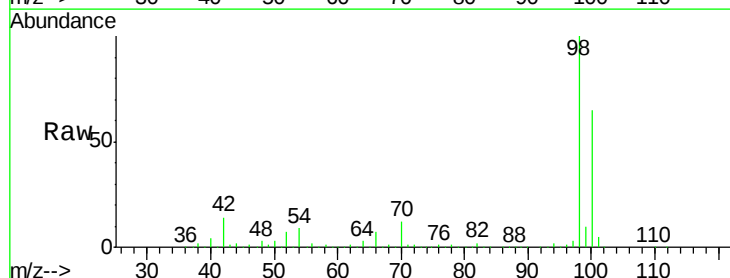
Acq: 31 Mar 2019 7:30

Tgt Ion: 98 Resp: 1020974

Ion Ratio Lower Upper

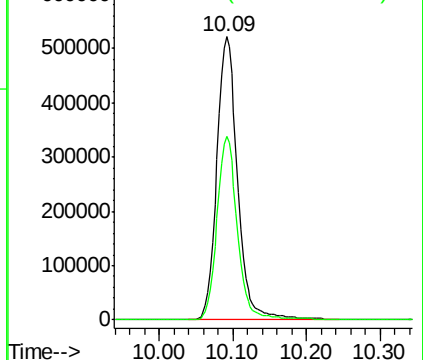
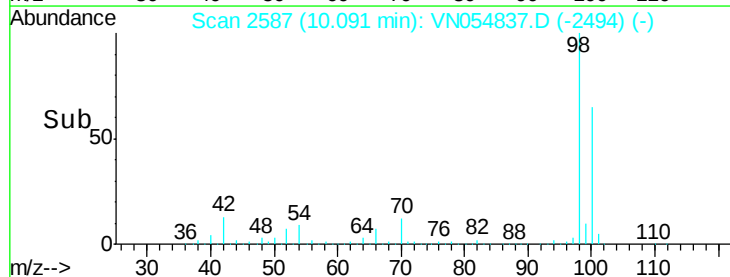
98 100

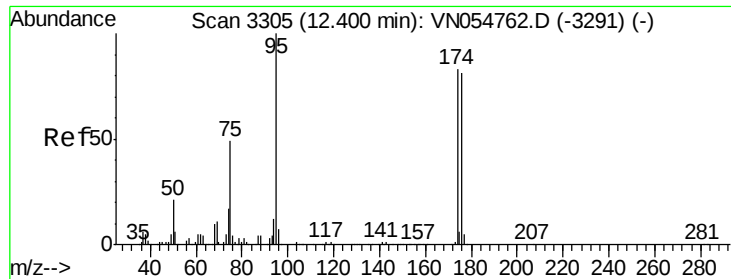
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.250 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054837.D

Acq: 31 Mar 2019 7:30

Instrument :

MSVOA_N

ClientSampled :

MW-7DL

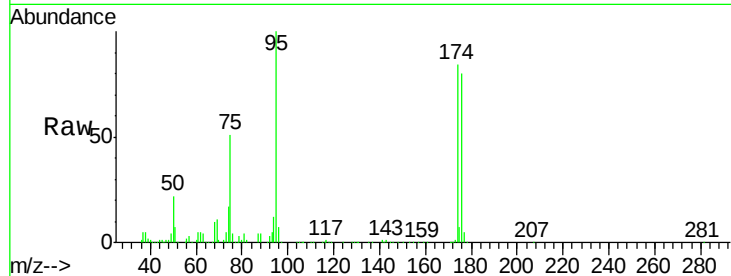
Tot Ion: 95 Resp: 307786

Ion Ratio Lower Upper

95 100

174 83.6 0.0 191.0

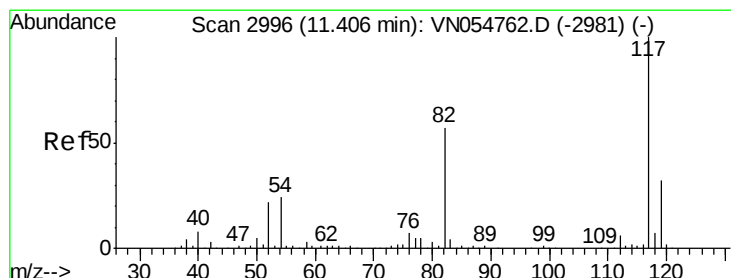
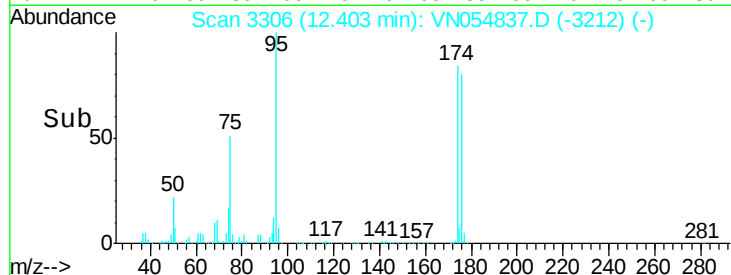
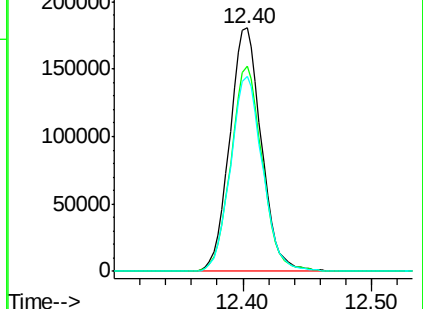
176 81.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054837.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054837.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054837.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054837.D

Acq: 31 Mar 2019 7:30

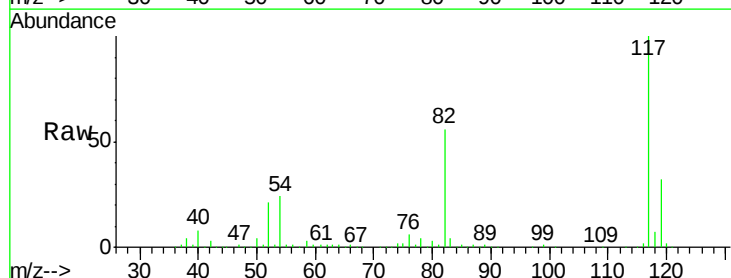
Tgt Ion: 117 Resp: 711731

Ion Ratio Lower Upper

117 100

82 56.1 40.0 60.0

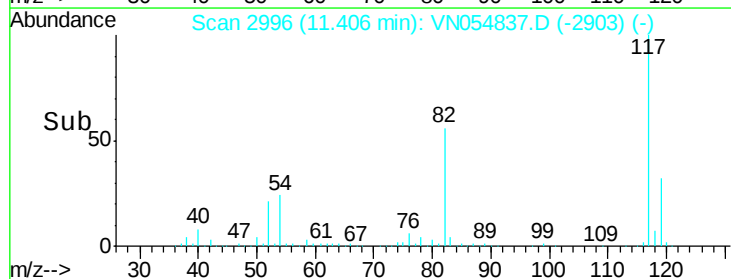
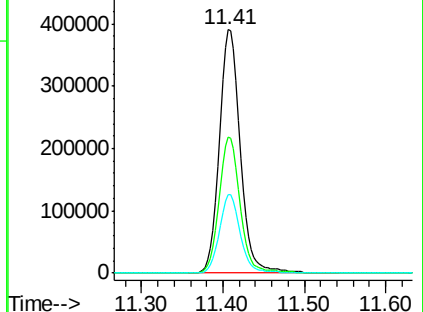
119 32.2 25.8 38.6

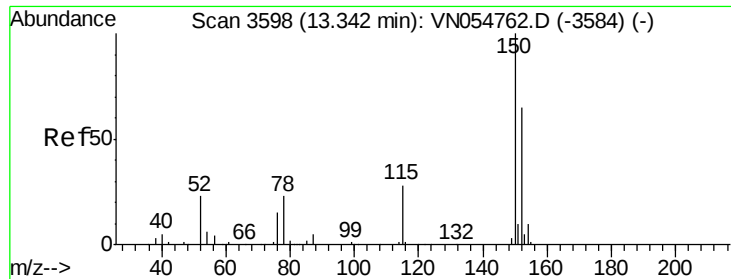


Abundance Ion 116.90 (116.60 to 117.60): VN054837.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054837.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054837.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054837.D

Acq: 31 Mar 2019 7:30

Instrument :

MSVOA_N

ClientSampleId :

MW-7DL

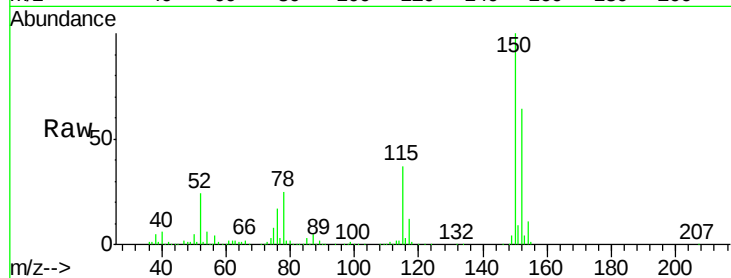
Tot Ion:152 Resp: 249786

Ion Ratio Lower Upper

152 100

115 57.5 27.2 81.6

150 156.0 0.0 349.2



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

