

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054828.D
 Acq On : 31 Mar 2019 3:31
 Operator : JC/SP
 Sample : K2164-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Mar 31 05:10:09 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

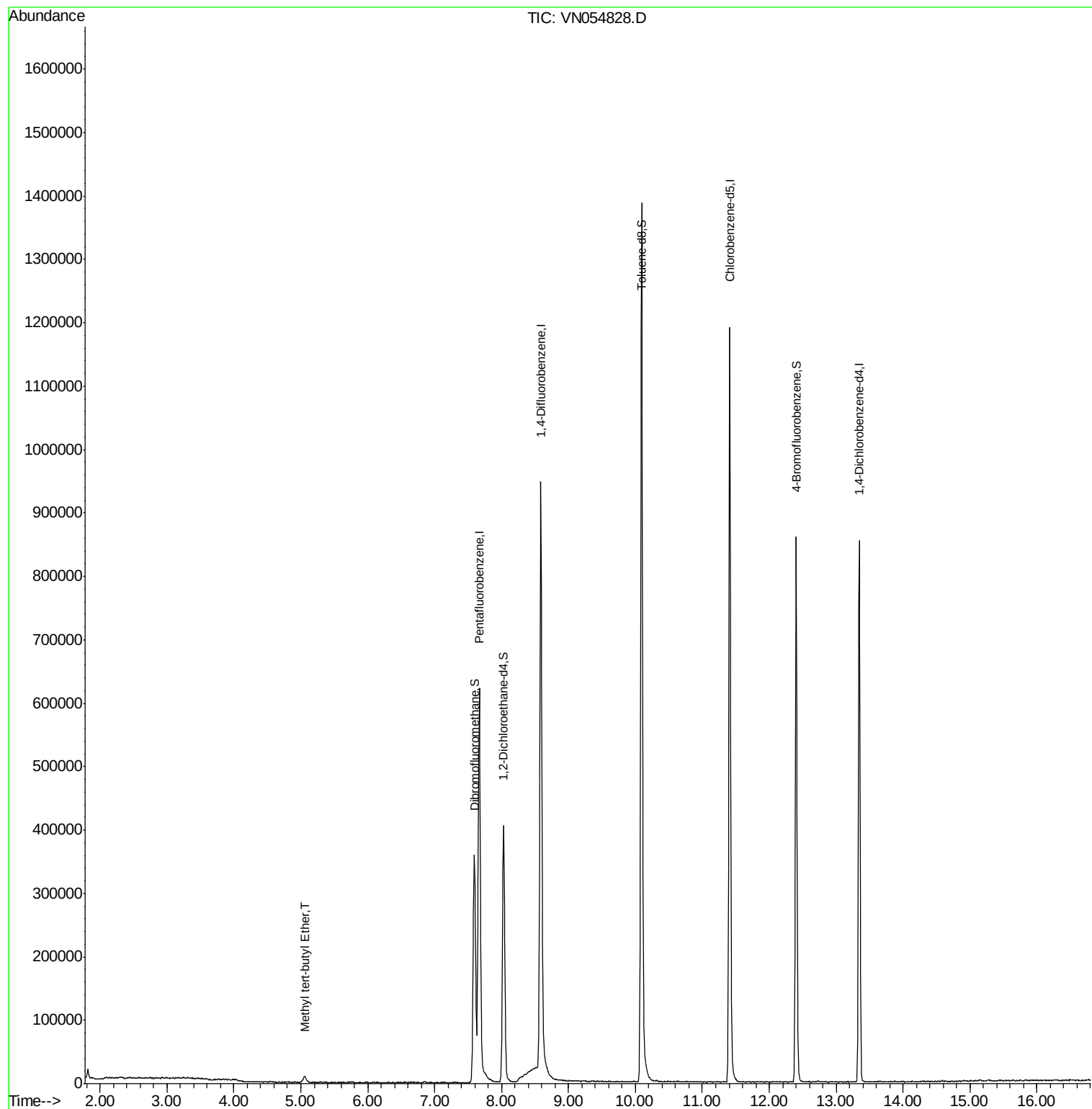
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	533981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	694614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	344135	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	7.59	113	275355	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.09	98	1010666	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.40	95	293192	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
Target Compounds						
19) Methyl tert-butyl Ether	5.05	73	12582	0.857	ug/l	99

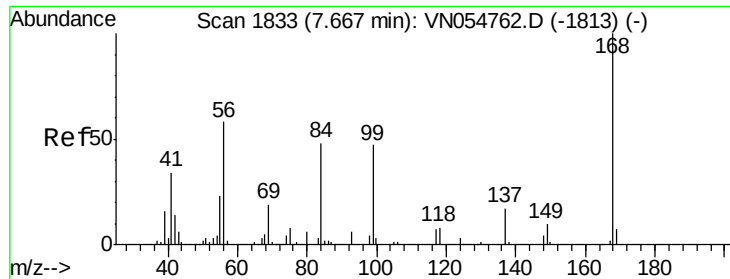
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054828.D
Acq On : 31 Mar 2019 3:31
Operator : JC/SP
Sample : K2164-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Quant Time: Mar 31 05:10:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
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: VN054828.D

Acq: 31 Mar 2019 3:31

Instrument :

MSVOA_N

ClientSampled :

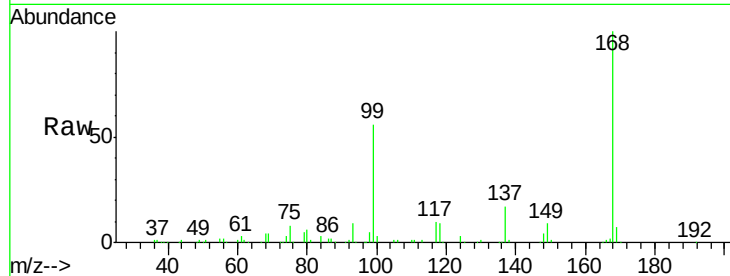
MW-5

Tot Ion:168 Resp: 533981

Ion Ratio Lower Upper

168 100

99 56.2 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

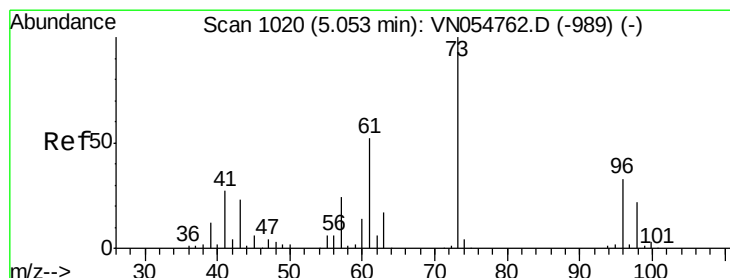
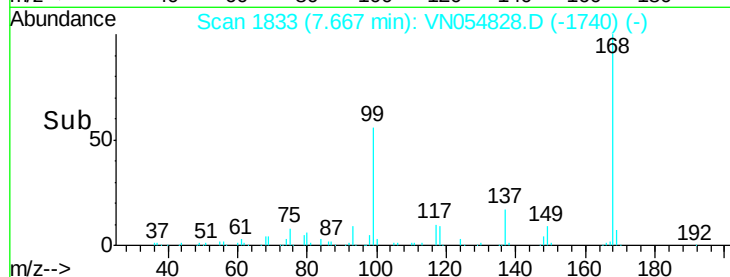
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#19

Methyl tert-butyl Ether

Concen: 0.857 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VN054828.D

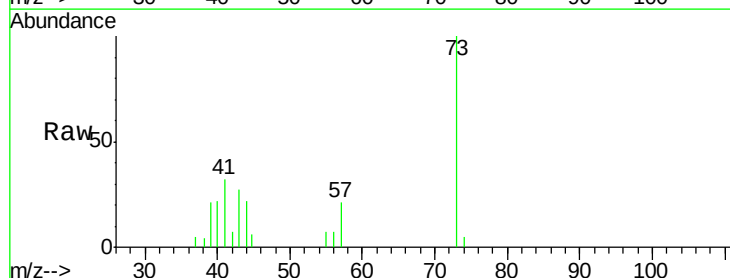
Acq: 31 Mar 2019 3:31

Tgt Ion: 73 Resp: 12582

Ion Ratio Lower Upper

73 100

57 21.4 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

5.05

4000

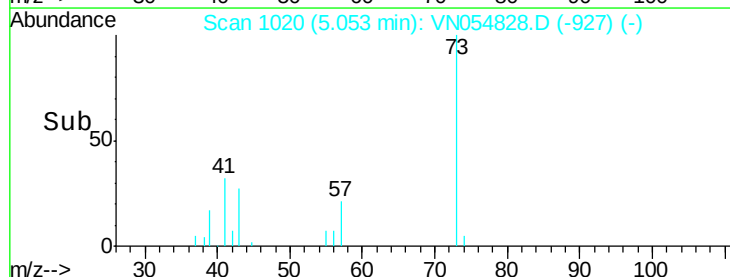
3000

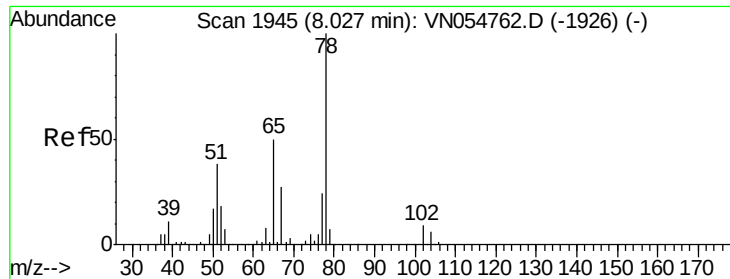
2000

1000

0

Time--> 5.00 5.10

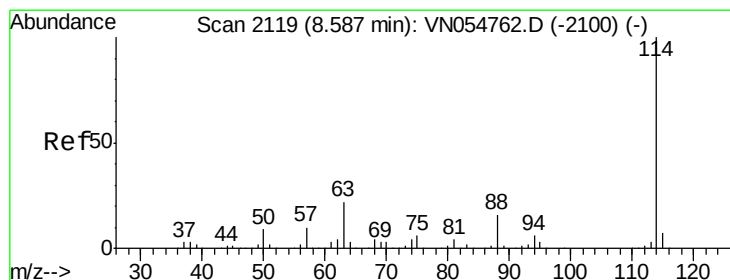
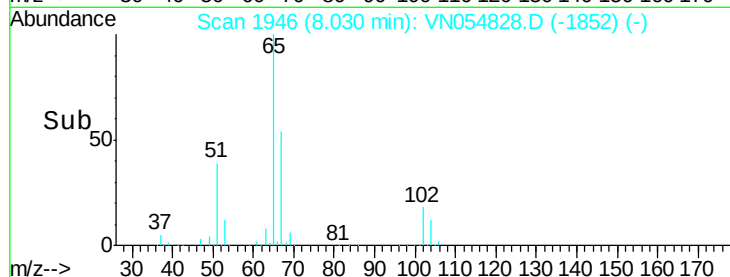
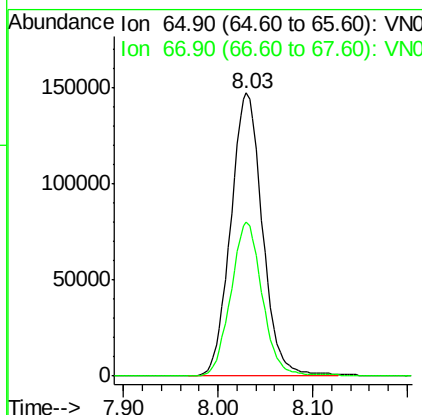
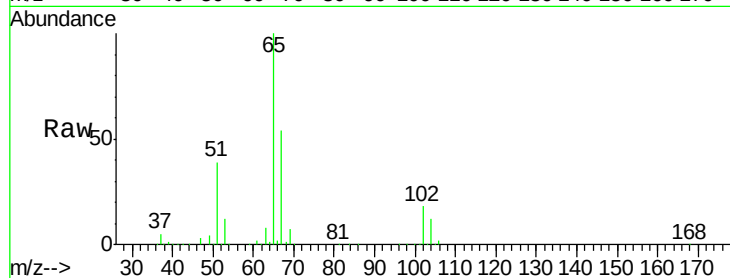




#33
 1,2-Dichloroethane-d4
 Concen: 47.809 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054828.D
 Acq: 31 Mar 2019 3:31

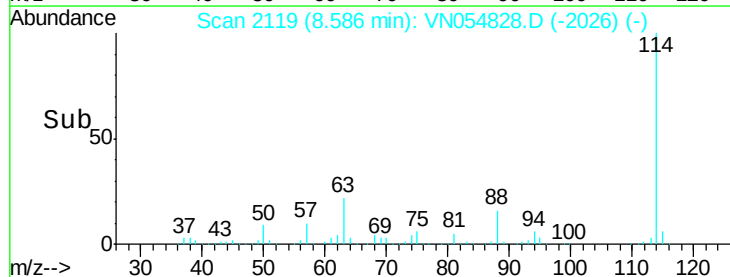
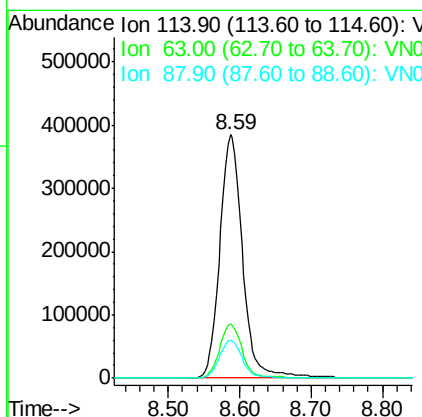
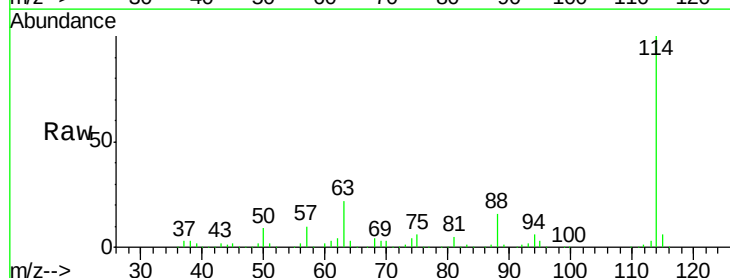
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

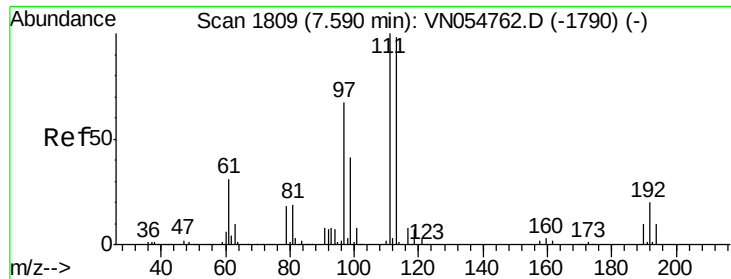
Tot Ion: 65 Resp: 344135
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054828.D
 Acq: 31 Mar 2019 3:31

Tgt Ion: 114 Resp: 852691
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 15.7 0.0 30.2

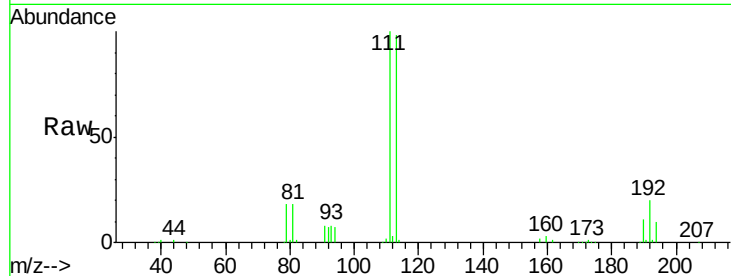




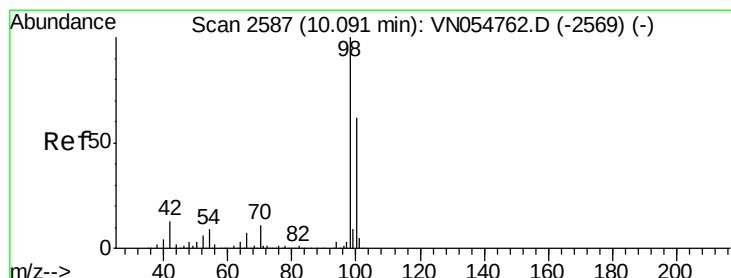
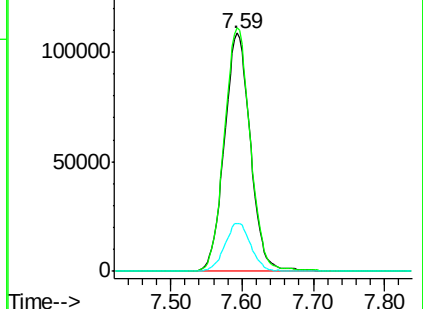
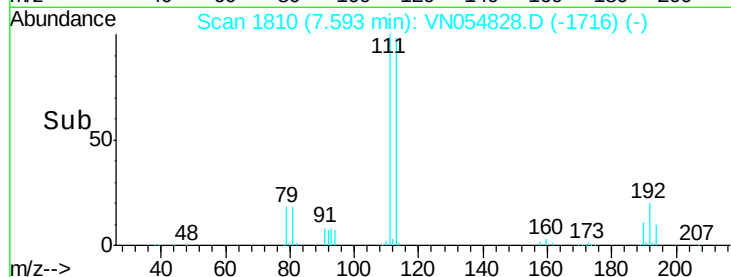
#35
 Dibromofluoromethane
 Concen: 48.437 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054828.D
 Acq: 31 Mar 2019 3:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	20.1	19.2	28.8

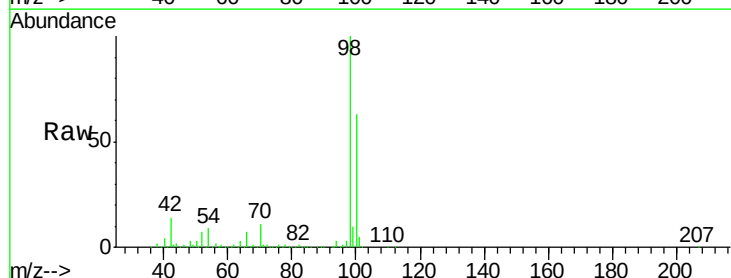


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

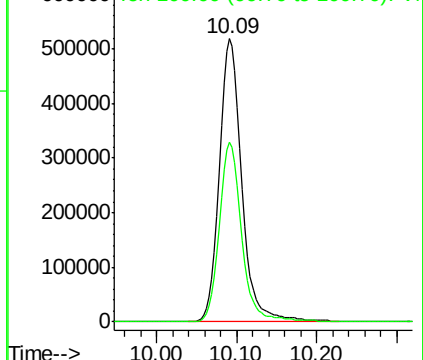
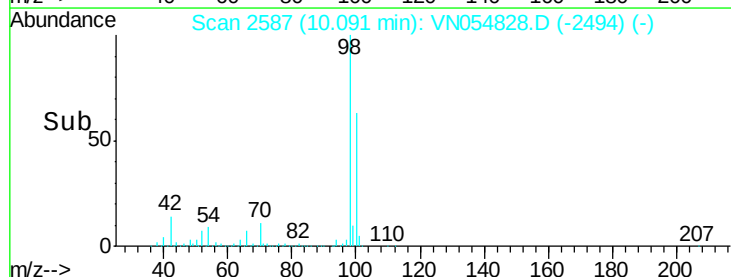


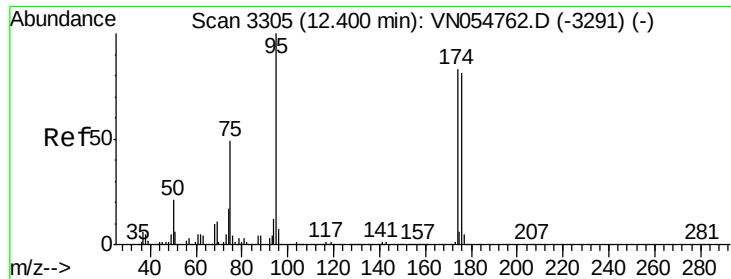
#50
 Toluene-d8
 Concen: 47.820 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054828.D
 Acq: 31 Mar 2019 3:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.2	76.8



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





#62

4-Bromofluorobenzene

Concen: 41.712 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054828.D

Acq: 31 Mar 2019 3:31

Instrument :

MSVOA_N

ClientSampled :

MW-5

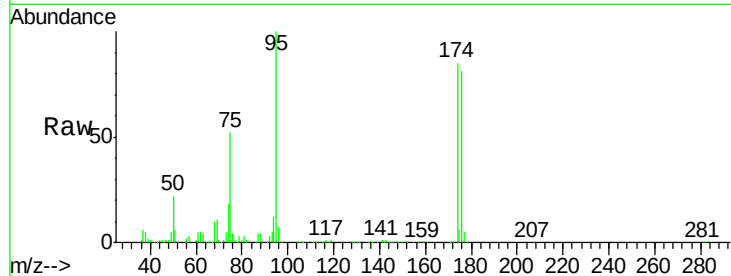
Tot Ion: 95 Resp: 293192

Ion Ratio Lower Upper

95 100

174 84.8 0.0 191.0

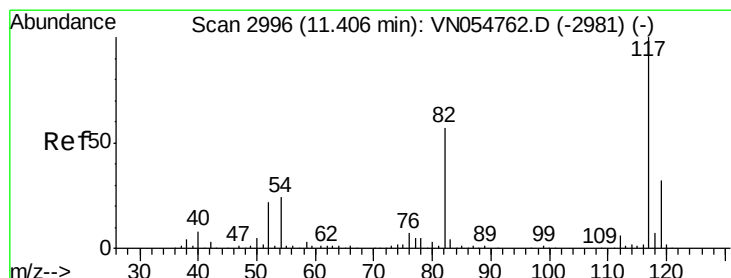
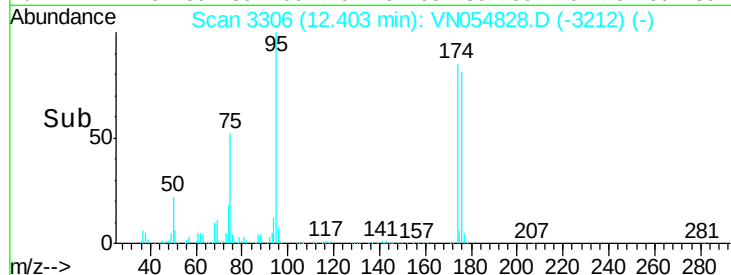
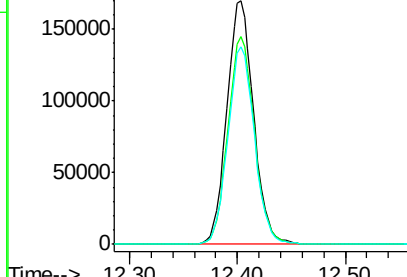
176 80.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054828.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054828.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054828.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054828.D

Acq: 31 Mar 2019 3:31

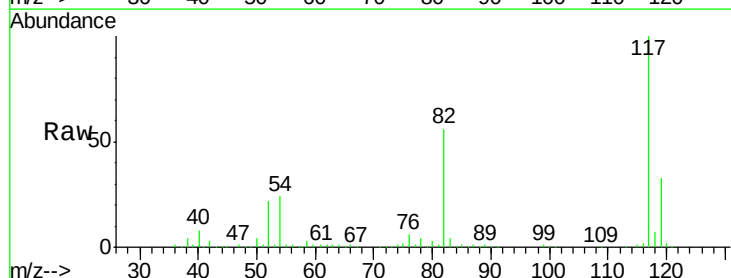
Tgt Ion: 117 Resp: 694614

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

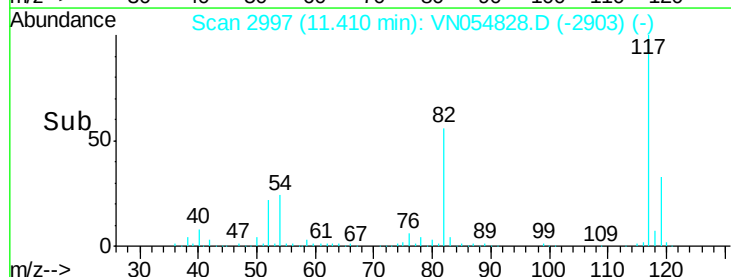
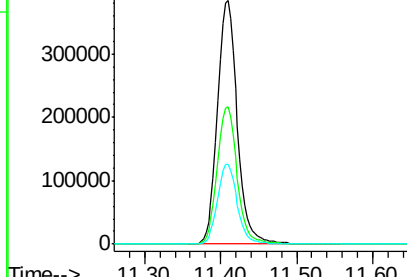
119 32.6 25.8 38.6

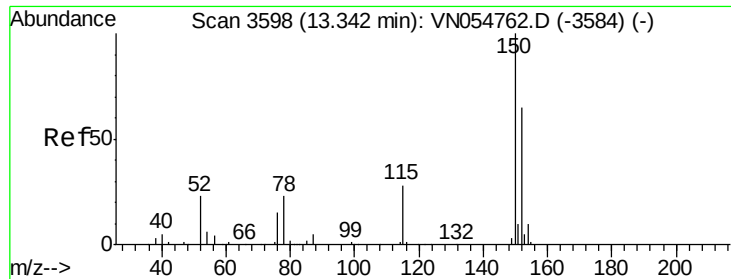


Abundance Ion 116.90 (116.60 to 117.60): VN054828.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054828.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054828.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: VN054828.D

Acq: 31 Mar 2019 3:31

Instrument :

MSVOA_N

ClientSampleId :

MW-5

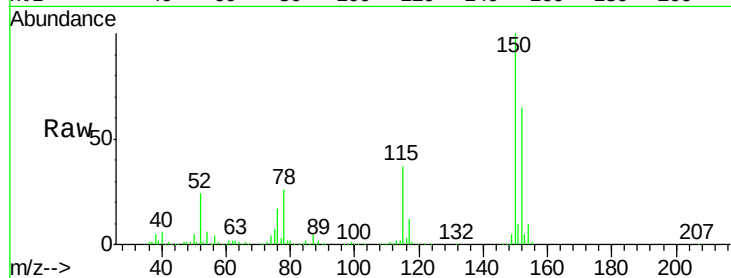
Tot Ion:152 Resp: 229825

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

150 154.7 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

