

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060040.D
 Acq On : 10 Feb 2020 12:54
 Operator : JC/MD
 Sample : L1438-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAM-WC-S-SB-01

Quant Time: Feb 11 07:33:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

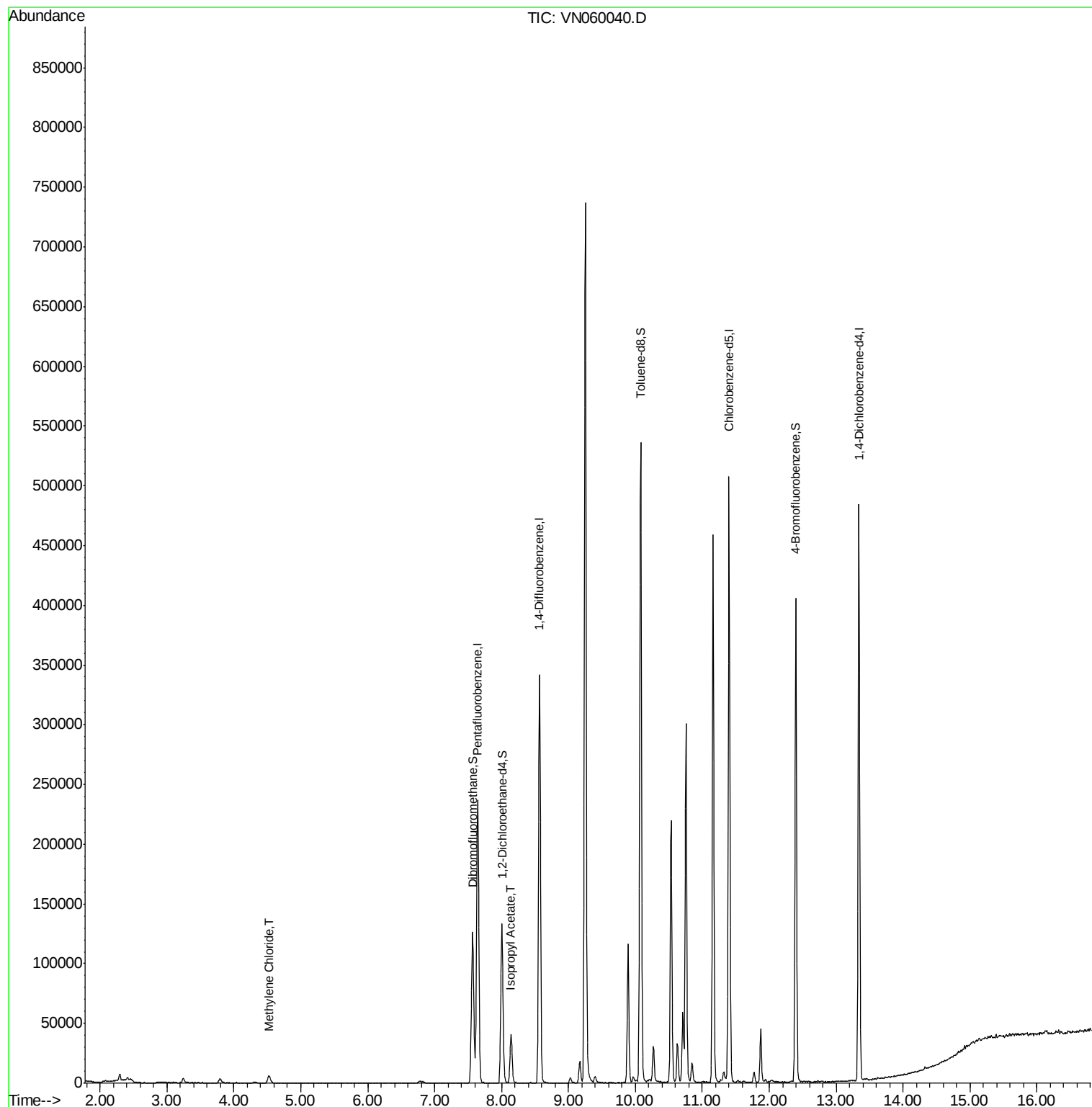
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117746	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	7.57	113	96466	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.08	98	377852	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.40	95	135683	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
20) Methylene Chloride	4.52	84	5420	1.455	ug/l	90
43) Isopropyl Acetate	8.14	43	49159	11.191	ug/l #	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060040.D

Acq: 10 Feb 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

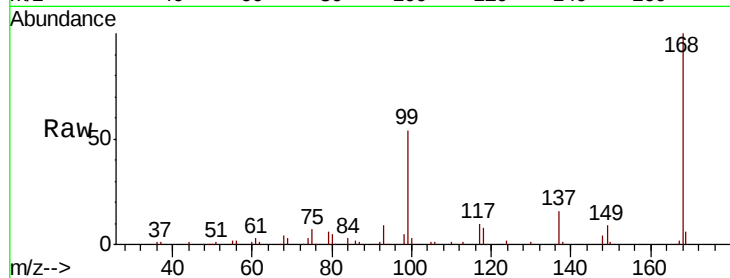
HAM-WC-S-SB-01

Tot Ion:168 Resp: 198959

Ion Ratio Lower Upper

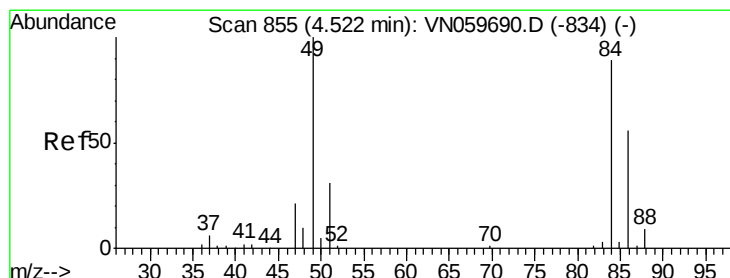
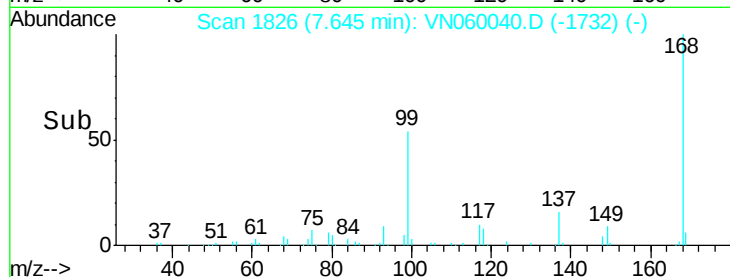
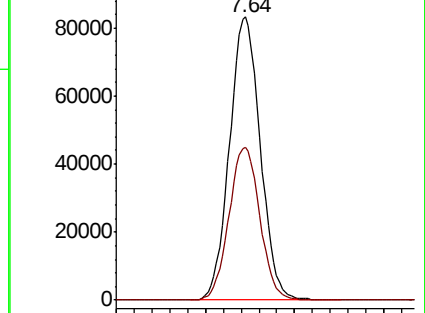
168 100

99 54.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 1.455 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060040.D

Acq: 10 Feb 2020 12:54

Tgt Ion: 84 Resp: 5420

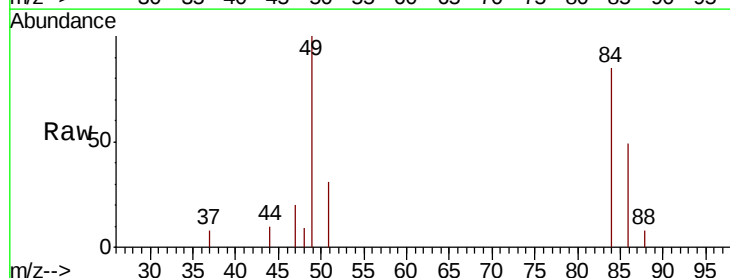
Ion Ratio Lower Upper

84 100

49 117.6 106.6 160.0

51 36.5 31.9 47.9

86 58.1 50.8 76.2

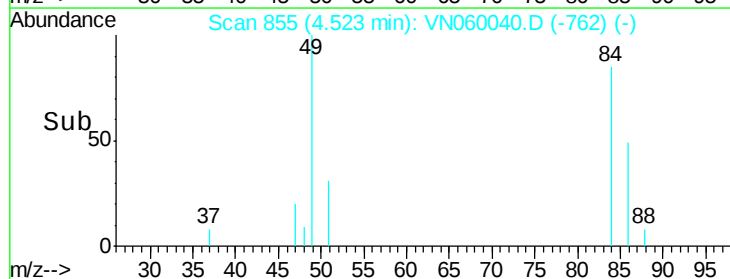
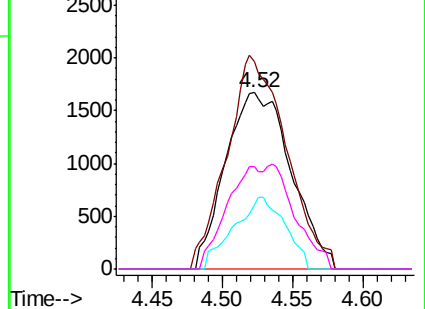


Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN





#33

1,2-Dichloroethane-d4

Concen: 53.291 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060040.D

Acq: 10 Feb 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

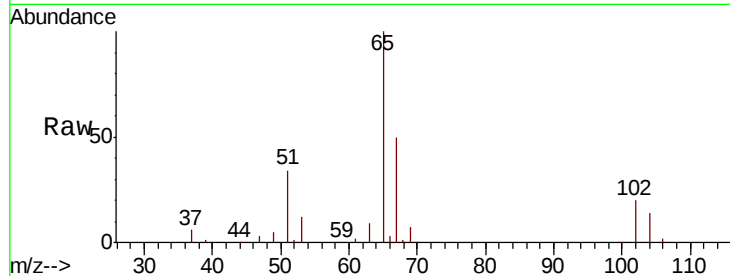
HAM-WC-S-SB-01

Tot Ion: 65 Resp: 117746

Ion Ratio Lower Upper

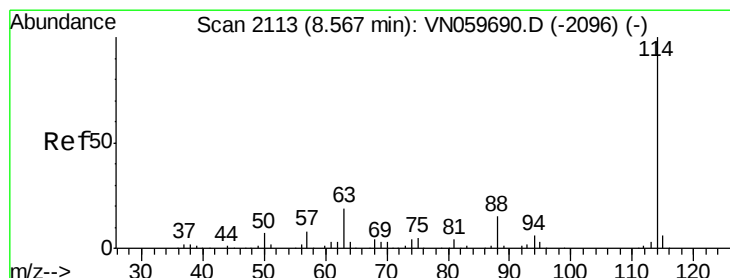
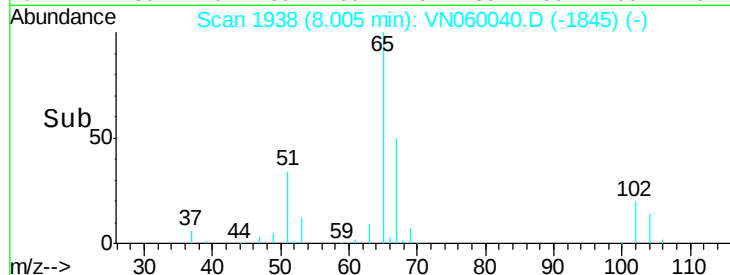
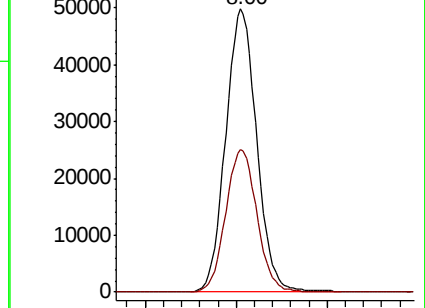
65 100

67 50.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN060040.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060040.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060040.D

Acq: 10 Feb 2020 12:54

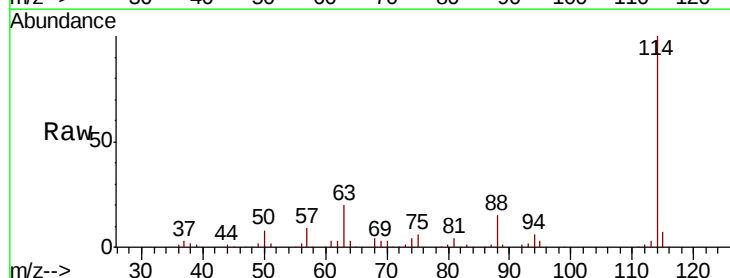
Tgt Ion: 114 Resp: 312668

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.6

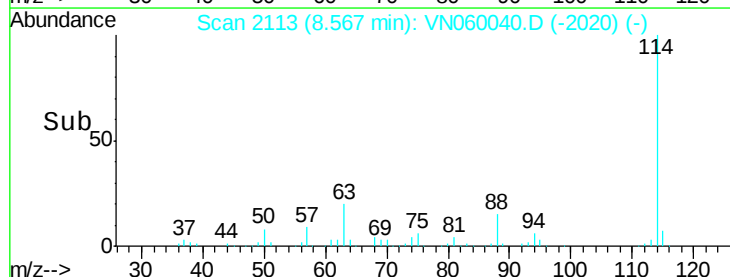
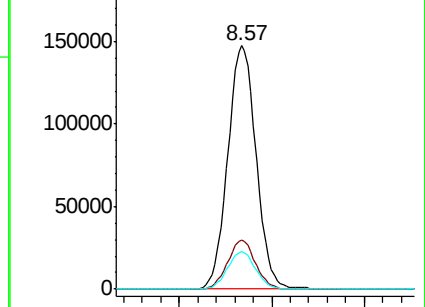
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN060040.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060040.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060040.D (-2020) (-)

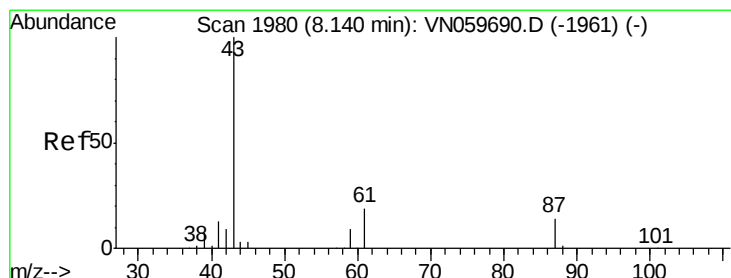
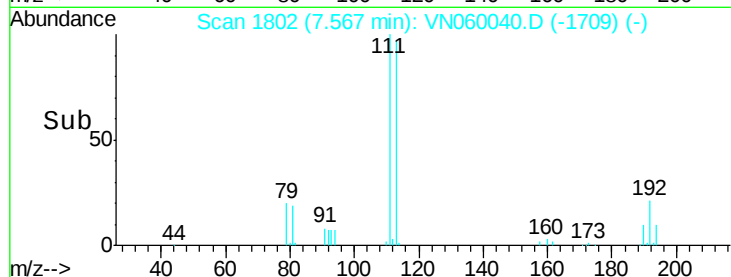
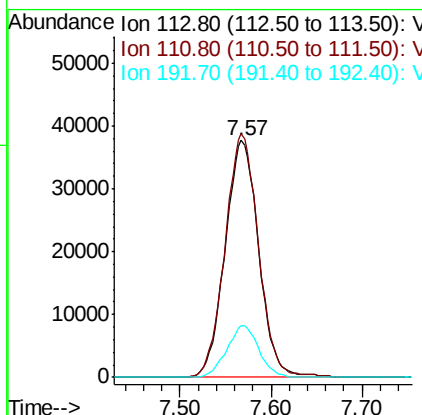
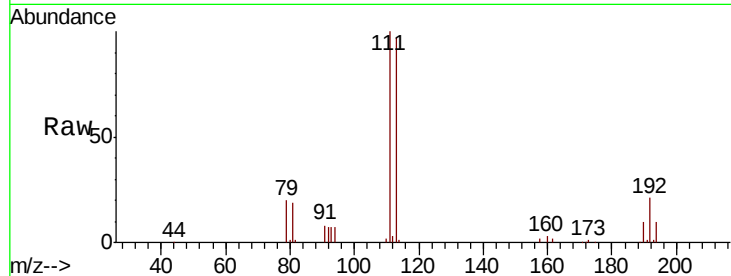




#35
 Dibromofluoromethane
 Concen: 51.736 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060040.D
 Acq: 10 Feb 2020 12:54

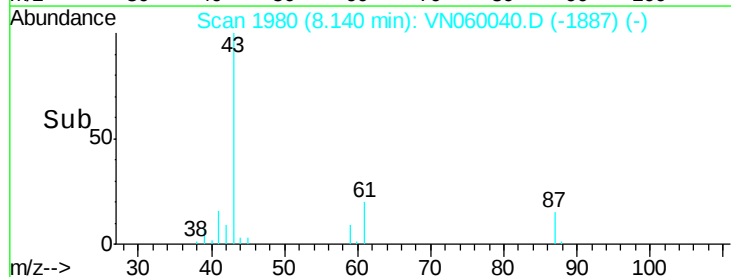
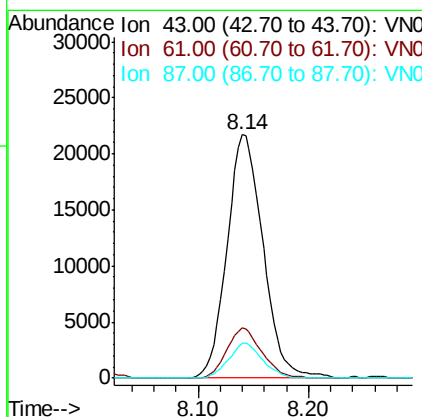
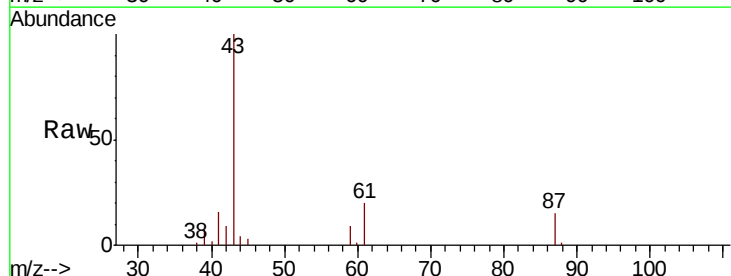
Instrument :
 MSVOA_N
 ClientSampleId :
 HAM-WC-S-SB-01

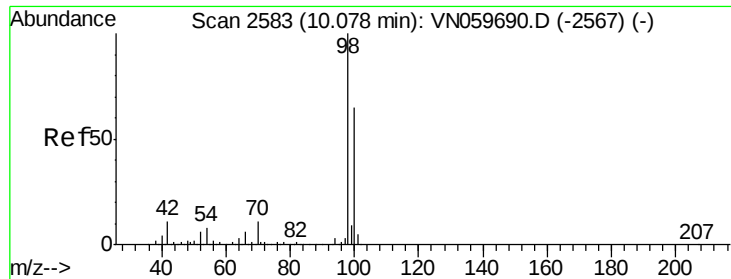
Tot Ion:113 Resp: 96466
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 20.9 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 11.191 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060040.D
 Acq: 10 Feb 2020 12:54

Tgt Ion: 43 Resp: 49159
 Ion Ratio Lower Upper
 43 100
 61 19.9 20.2 30.2#
 87 13.4 9.5 14.3





#50

Toluene-d8

Concen: 52.303 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060040.D

Acq: 10 Feb 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

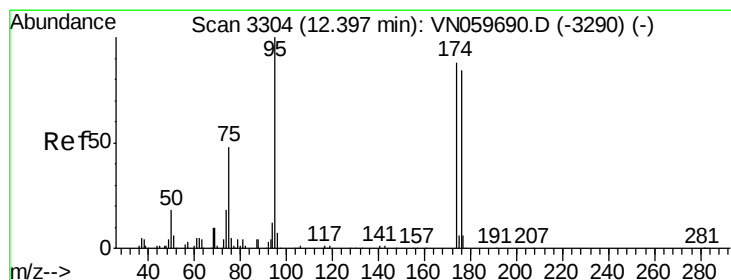
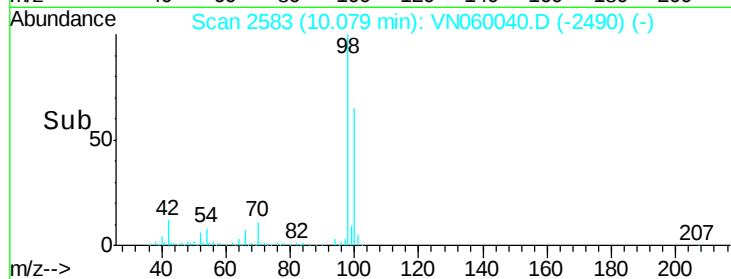
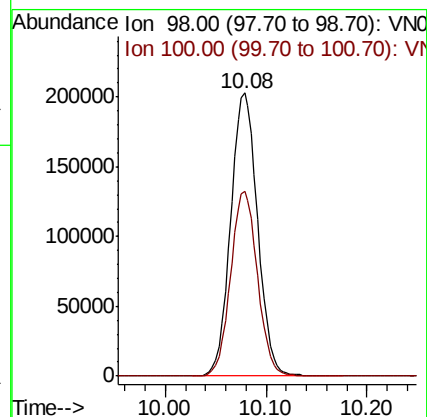
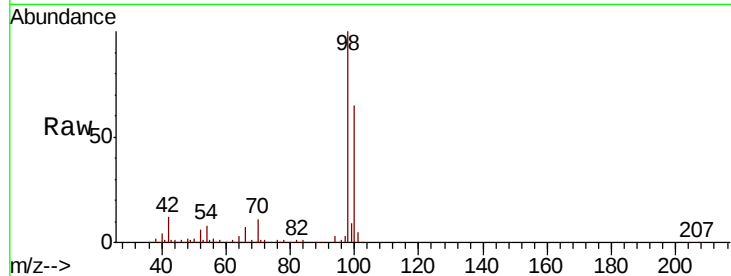
HAM-WC-S-SB-01

Tot Ion: 98 Resp: 377852

Ion Ratio Lower Upper

98 100

100 65.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 52.099 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060040.D

Acq: 10 Feb 2020 12:54

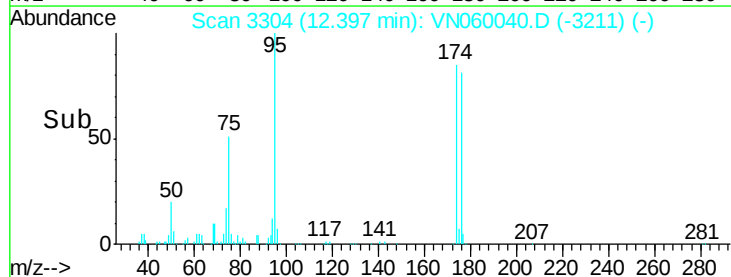
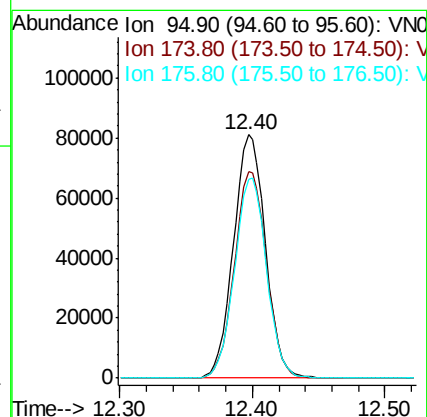
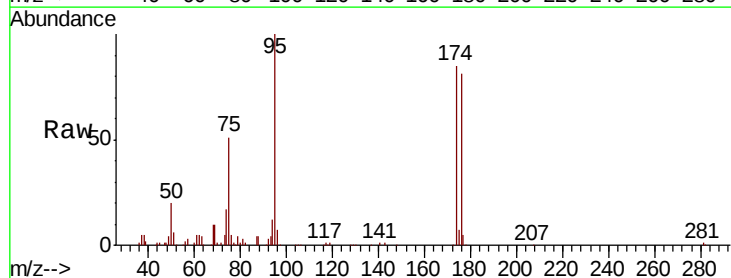
Tgt Ion: 95 Resp: 135683

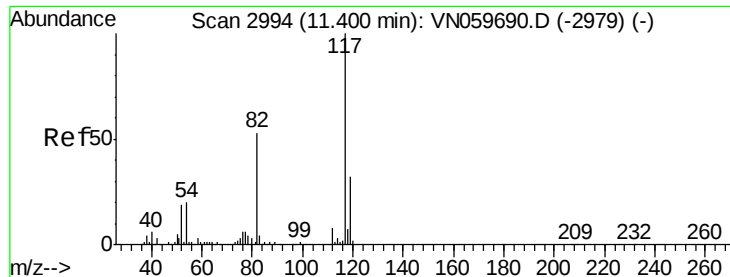
Ion Ratio Lower Upper

95 100

174 85.0 0.0 151.4

176 82.3 0.0 146.0

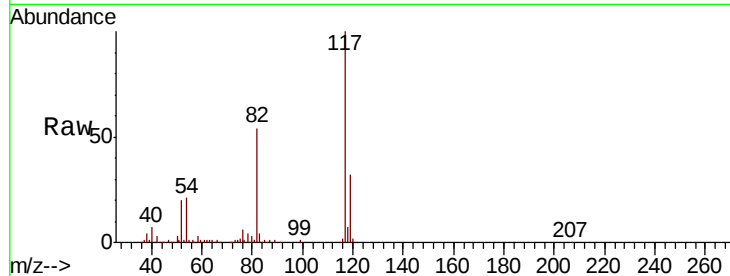




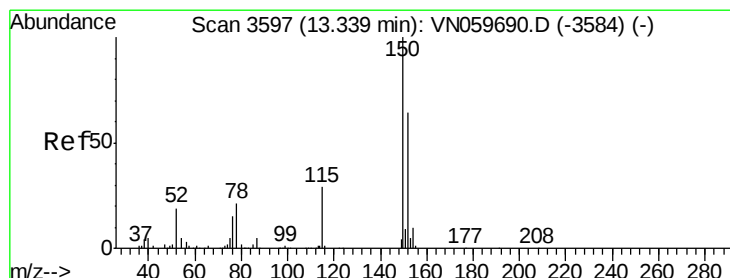
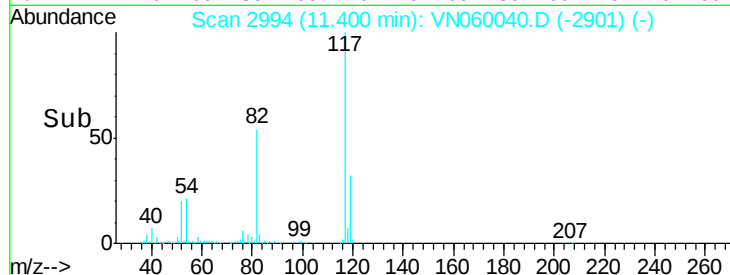
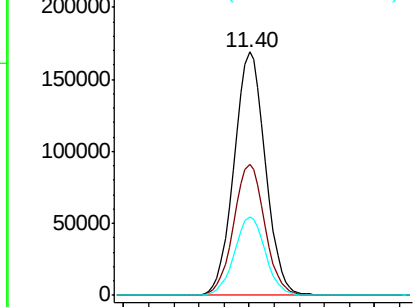
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060040.D
Acq: 10 Feb 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
HAM-WC-S-SB-01

Tot Ion:117 Resp: 292454
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.3 25.5 38.3

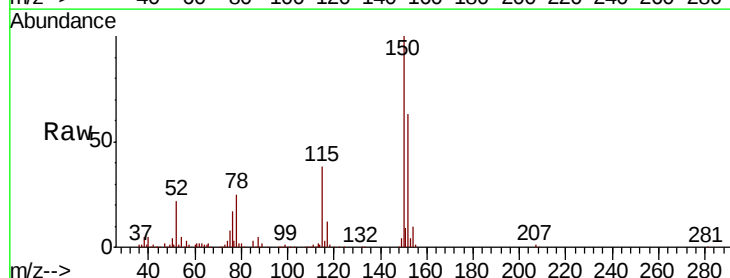


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060040.D
Acq: 10 Feb 2020 12:54

Tgt Ion:152 Resp: 128872
Ion Ratio Lower Upper
152 100
115 58.4 30.3 90.9
150 157.5 0.0 345.2



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

